SAMSUNG

Write the model and serial number here:

Model # SHP-2100 & STR-2100

Serial # _____

THESE NUMBERS CAN BE FOUND INSIDE THE REFRIGERATOR'S CABINET ON THE LEFT HAND SIDE.

I.C.E. PAD

(Interactive Control Entertainment)

REFRIGERATOR

RH269LBSH

OWNER'S MANUAL AND INSTALLATION

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In the U.S. for questions about features, operation/performance, parts, accesories or service, call:

1-800-726-7864 (1-800-SAMSUNG)
www.samsung.com

Register your product at www.samsung.com/global/register

DA99-01278D REV(0.0)

FCC WARNING

■ **FCC Radio Frequency Interference Requirements**

This product is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range.
FCC requires this product to be used indoors for the frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems.

■ **Radio Specifications**

Data transfer rates	IEEE802.11a:54/48/36/24/18/12/9/6Mbps (automatically switched)
Standards supported	IEEE802.11a
Transmission method	OFDM system
Wireless channels used	IEEE802.11a: Channels 36, 40, 44
RF frequency band	IEEE802.11a: 5.18~5.22 GHz

■ **USER INSTALLER CAUTION**:

Your authority to operate this FCC certified equipment could be voided it you make changed or modifications not expressly approved by this party responsible for compliance to part 15 FCC rules.
NOT: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates, uses and can radiates radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help and for additional suggestions

The user may find the following booklet prepared by the Federal Communications Commission helpful : “How to Identify and Resolve Radio-TV Interference Problems.”
This Booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

FCC Warning

The User is cautioned that changes or modifications not expressly approved by the manufacturer could void the user’s authority to operate the equipment.

FCC ID : A3LSTR2100 & A3LSHP2100

This device complies with Part 15 of FCC Rules.
Operation is subject to the following two conditions;
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

■ **FCC RF Exposure Warning(A3LSHP2100)**

This equipment compiles with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment has been approved for portable operation, and unless otherwise advised in separate supplemental instructions for individual wireless transmitter(s), requires minimum 1.5 cm spacing be provided between antenna(s) and all by-standing’s body (excluding extremities of hands, wrist and feet) during wireless modes operations.

■ **FCC RF Exposure Warning(A3LSTR2100)**

In order to comply with FCC RF Exposure Requirement,

Please maintain a minimum 20cm spacing between the body of the user and the device antenna.

SAFETY WARNING SIGNS

WARNING

- Before operating the appliance, please read and retain this manual thoroughly for your reference.
- The appliance is not intended for use by children or infirm persons without adult supervision.
- Children should be supervised to ensure that they do not play with the appliance.

CAUTION/WARNINGS USED

WARNING	Indicates that a danger of death or serious injury exists.
CAUTION	Indicates that a risk of personal injury or material damage exists.

OTHER SIGNS USED

	Represents something you must NOT do.
	Represents something you must NOT disassemble.
	Represents something you must NOT touch.
	Represents something you must follow.
	Indicates that you must disconnect the power plug from the socket.
	Represents that a ground is needed to prevent electric shock.
	It is recommended that this should be handled by a service center.

Please follow the safety warning signs to prevent injury to users or other persons.
After reading the warning signs, keep them in a safe place for future reference.

WARNING SIGNS

Do not plug several appliances into the same multiple receptacle.
- This could cause overheating and the risk of fire.

Make sure that the power plug is not squashed or damaged by the back of the refrigerator .
- A damaged power plug may cause overheating and fire.

Do not directly spray water inside or outside the refrigerator/ freezer.
- There is a risk of electric shock.

Do not use aerosols near the refrigerator .
- There is a risk of explosion or fire.

Do not bend the power cord excessively or place heavy articles on it .
- This constitutes a fire hazard. If the power cord is damaged, have it replaced immediately by the manufacturer or its service agent.

Do not insert the power plug with wet hands.
- You may receive an electric shock.

Do not put a container filled with water on the refrigerator.
- If spilled, there is a risk of fire or electric shock.

Do not install the refrigerator in a damp place or a place where it may come in contact with water.
- Deteriorated insulation of the electrical parts may cause electric shock or fire.

Do not store volatile or flammable substances in the refrigerator.
- The storage of benzene, thinner, alcohol, ether, LP gas and other such products may cause explosions.

Do not disassemble or repair the refrigerator by yourself.
- You run the risk of causing a fire, malfunctions and/or personal injury.

Pull the power plug out of the socket before changing the refrigerator's interior light.
- Otherwise, there is a risk of electric shock.

If you wish to dispose of the refrigerator, throw it away by first removing the doors and seals.
- Do so in a way that it is not possible for a child to remain trapped inside.

The refrigerator must be grounded.
- You must ground the refrigerator to prevent any power leakages or electric shocks caused by current leakage from the refrigerator.

Never use gas pipes, telephone lines or other potential lightning rods as ground.
- Improper use of the ground plug can result in a risk of electric shock. If it is necessary to use an extension cord, use only a 3-wire extension cord that has a 3-blade ground plug and a 3-slot receptacle that will accept the plug on the appliance. The marked rating of the extension cord should be AC 115V~120V, 10A, or more. If a grounding adapter is used, make sure the receptacle box is fully grounded.

- **You should use only the power adaptor which is provided with the I.C.E. PAD.**
  - Otherwise, it may cause malfunction and the risk of fire.
- **Do not heat the I.C.E. PAD and do not place it inside in the refrigerator.**
  - It may cause damage such as explosion fire or electric shock.
- **Do not connect between charging terminals of I.C.E. PAD bottom side.**
  - This can cause reduced battery life, malfunction, explosion and electric shock.
- **When you use your I.C.E. PAD, it should be used in the open area for proper ventilation.**
- **Do not disassemble or repair the I.C.E. PAD by yourself.**
  - You run the risk of causing a fire, malfunction and/or personal injury.
- **When you use your I.C.E. PAD, keep your body in a comfortable and relaxed position.**
- **As the electromagnetic wave, the user should be using the distance over the 7.9 inches(20cm) between the user and the transmitter.**

SAFETY WARNING SIGNS

CAUTION SIGNS

Do not overfill the refrigerator with food.
- When you open the door, an item may fall out and cause personal injury or material damage.

Do not put bottles or glass containers in the freezer.
- When the contents freeze, the glass may break and cause personal injury.

If the wall socket is loose, do not insert the power plug.
- There is a risk of electric shock or fire.

Do not disconnect the power cord by pulling on it.
- Damage to the cord may cause a short-circuit, fire and/or electric shock.
- If the power cord is damaged, it must be replaced by the manufacturer, a certified service agent or qualified service personnel.

Do not store articles on the top of the appliance.
- When you open or close the door, the articles may fall and cause personal injury and/or material damage.

Do not store pharmaceutical products, scientific materials and temperature-sensitive products in the refrigerator.
- Products that require strict temperature controls must not be stored in the refrigerator.

Do not let children hang on the door because a serious injury may occur.

If you sense pharmaceutical smells or smoke, pull out the power plug immediately and contact your SAMSUNG Electronics service center.

Do not touch the inside walls of the freezer or products stored in the freezer with wet hands.
- It may cause frostbite.

Do not insert your hands into the bottom area under the appliance.
- Any sharp edges may cause personal injury.

Never put fingers or other objects into the dispenser hole and ice chute. It may cause personal injury or material damage.

I.C.E. PAD is designed only for household use.
- Do not operate outside.
- If you use the I.C.E. PAD outside, wireless communication between the I.C.E. PAD and Transmitter may fail.

Do not drop the I.C.E. PAD.
- Adult supervision should be maintained when children are operating the unit.
- It may cause malfunction and personal injury.

Do not try to remove or reattach the I.C.E. PAD without first reading the owner's manual.
- You need to connect to the adapter or put the I.C.E. PAD in the docking station of the refrigerator door when the low battery signal comes on. Otherwise, you may lose unsaved data.

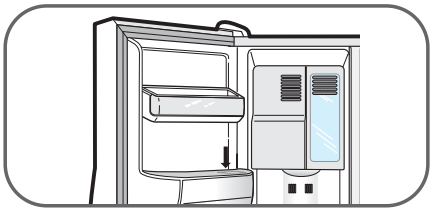
Do not use sharp material (Pencil, nail, etc.) to touch the LCD.
- It may easily damage the touch screen. You should use the stylus pen which is provided with the I.C.E. PAD product.

The LCD screen may appear different.
- It is not a malfunction, but due to viewing the screen from different angles, different amounts of light, and ambient temperatures.

To clean the I.C.E. PAD screen, wipe with a smooth and dry cloth.
- Do not spray water or detergent directly on the monitor.

DANGER

Risk of child entrapment. Before you throw away your old refrigerator or freezer
- Take off the doors
- Leave the shelves in place so that children may not easily climb inside.



Do not use a wet or damp cloth when cleaning the plug. Remove any foreign matter or dust from the power plug pins.
- Otherwise there is a risk of causing a fire.
- If the refrigerator is disconnected from the power supply, you should wait for at least five minutes before plugging it back in.

If the refrigerator is not to be used for a long period of time, pull out the power plug.
- Deterioration in the insulation may cause fire.

- The appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.
- Do not place the equipment directly under the sunlight, etc.
- The appliance must be positioned so that the plug is accessible after installation.
- If the power cord is damaged, it must be replaced by the manufacturer, a certified service agent or a qualified service personnel.
- If you have a long vacation planned, empty the refrigerator and turn it off. Wipe excess moisture from the inside and leave the doors open. Otherwise, odor and mold may develop.

Service warranty section
- Any changes or modifications performed by a 3rd party on a finished product is not covered under Samsung warranty service

Safety Caution section
- Samsung does not recommend 3rd party modification, therefore Samsung is not responsible for safety issues that result from 3rd party modifications.
- Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

(Hg) LAMP(S) INSIDE THIS PRODUCT CONTAIN MERCURY AND MUST BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE OR FEDERAL LAWS.
For details see lamprecycle.org,eiae.org,or call 1-800-Samsung.

SETTING UP THE REFRIGERATOR

Once you have performed the following steps, your refrigerator should be fully operational. If not, check the power supply and electricity source. If you have any questions, contact your SAMSUNG service center.

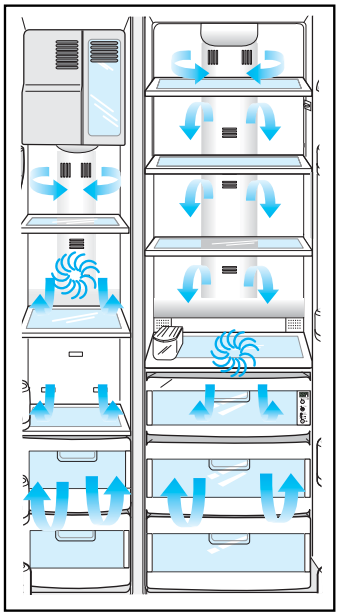
1. Place the refrigerator in an appropriate location with reasonable clearance between the wall and the refrigerator. (refer to installation instructions in this manual)

2. When the refrigerator is plugged in, the interior light should come on when you open the doors.

3. Set the temperature control to the coldest temperature and wait for an hour. The freezer should get slightly chilled and the motor should run smoothly.

4. Once the refrigerator temperature is sufficiently low, you can store food in the refrigerator. After starting the refrigerator, it takes a few hours to reach the appropriate temperature.

MAJOR FEATURES



Twin Cooling System
- The refrigerator and the freezer have two evaporators. Given this independent system, the freezer and the refrigerator are cooled individually and are, therefore, more efficient. Food odor from the refrigerator does not affect food in the freezer due to separate air flow circulation.

Multi-Flow System
- Cool air circulates through multiple vents on every shelf level. This provides even distribution of cooling inside cabinets to keep your food fresh longer.

Xtra Space™
- Vertical room next to the ice maker in the freezer provides space for pizza etc.

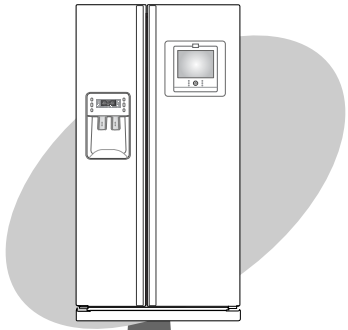
Door Alarm
- Beeper reminds you that the door is open.

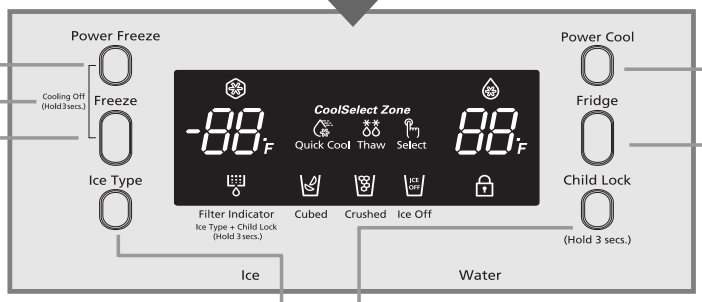
Xtra Fresh™
- Optimized humidity control keeps vegetables & fruits fresh.

Deodorizer
- Reusable deodorizer keeps the refrigerator air fresh and odor free.

CoolSelect Zone™ Drawer
- You can select Quick Cool, Thaw and Select buttons to quickly chill, thaw and cool items. Select Soft Freeze, Cool or Chill to control the temperature of drawer.

CONTROL PANEL





FREEZER BUTTON
To set the freezer temperature, press this button repeatedly to change the set temperature in sequence between 8°F and -14°F.

FRIDGE BUTTON
To set the fridge temperature, press this button repeatedly to change the set temperature in sequence between 34°F and 46°F.

COOLING OFF
Cooling off stops cooling in both the freezer and refrigerator compartments but does not shut off electrical power to the refrigerator. To use this feature, press the freeze and power freeze buttons simultaneously for 3 seconds until a "beep" sounds. To cancel this mode, press the same buttons again for 3 seconds.

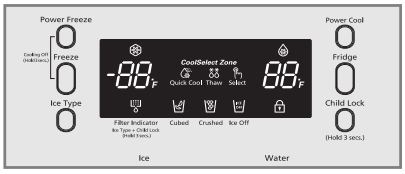
POWER COOL
Speeds up the cooling process in the refrigerator

POWER FREEZE BUTTON
Speeds up the freezing process in the freezer.

ICE TYPE BUTTON
Use this button to choose Cubed or Crushed Ice or Ice off.

CHILD LOCK BUTTON
When this button is pressed for 3 sec., the Power Freeze, Power Cool, Freezer Temp. and Fridge Temp. are locked and can not be modified. The Water and Ice dispensers are not locked and can still be used. To cancel this function, press the Child Lock button again.

DIGITAL PANEL



Freezer indicates the current freezer temperature.
Fridge indicates the current refrigerator temperature.
Quick Cool, Thaw, and Select show the status of the CoolSelect Zone™ Drawer

Power Freeze

- This light goes on when you press the Power Freeze button.
  Press this button to quickly return the freezer to its set temperature.
- This feature enables you to get ice faster.
- Press the button again to cancel the Power Freeze mode.

If you use this function, energy consumption will increase.

Power Cool

- This light goes on when you press the Power Cool button.
  Press this button to quickly return the refrigerator to its set temperature.
- Press this button again to cancel the Power Cool mode.

Cubed Ice, Crushed Ice and Ice Off

- Press the Ice Type button in sequence to choose Cubed Ice, Crushed Ice or Ice Off to stop making ice.
- Lit icon indicates the ice type currently chosen.

Filter Indicator

- Change filter every 6 months. If indicator is orange, the filter has 1 month left. If indicator is red, quick replacement is strongly recommended.
- When the water filter is replaced, reset the indicator by pressing the Ice Type button and the Child Lock buttons simultaneously for 3 seconds.
- To turn this indicator off, press the Ice Type and Child Lock buttons simultaneously and hold for 5 seconds.

TEMPERATURE CONTROL

Freezer

- The freezer temperature can be set between 8°F and -14°F.
- Press the **Freezer.** button **repeatedly** until the desired set temperature is shown in the temperature display.
- The temperature display changes in sequence between 8°F and -14°F. When the display reaches 8°F, it returns to -14°F.
- After five seconds, the display reverts to the actual freezer temperature. The unit will then work to adjust to the new desired temperature.

Refrigerator

- The refrigerator temperature can be set between 46°F and 34°F.
- Press the **Fridge.** button repeatedly until the desired temperature is shown in the temperature display.
- The temperature display changes in sequence and reverts in the same way as the freezer.

WARNING

- When ice cream is stored at a temperature above 4°F in freezer, it may melt.
- The temperature of the freezer or the refrigerator rises from frequent door opening and warm food. This may cause the digital display to blink. The digital display will stop blinking when the freezer and refrigerator return to normal temperature.

If the temperature control does not reset the temp, unplug the refrigerator, wait 9 min, then plug it back in.

ICE and COLD WATER DISPENSER

Press the Ice Type button to select the type of ice:

- Cubed ice

- Crushed ice

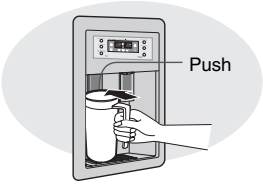
- No ice

NOTE

If the Ice remains in the Ice bucket, cubed ice is obtained. Ice stays in cube form and is crushed when the Crushed ice button is pressed.

Push the ice dispenser lever with a cup.

- Place a cup in line with the dispenser to prevent ice from jumping out.



NOTE

To avoid injury, never put fingers or any other objects in the dispenser opening.

Water Dispenser

The capacity of the water tank is approximately 0.3 gal.

Cold Water

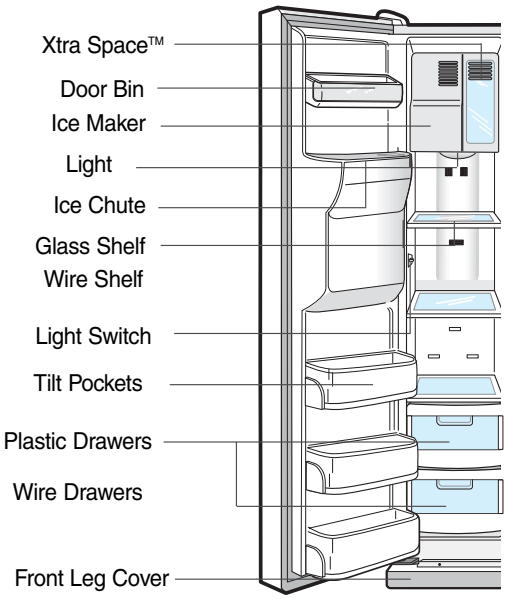
- Push the water dispenser lever with a cup.
- If you have just installed the refrigerator or installed a new water filter, throw away the first six glassfuls of water or until water flows cleanly to flush out impurities in the water supply system.

CAUTION

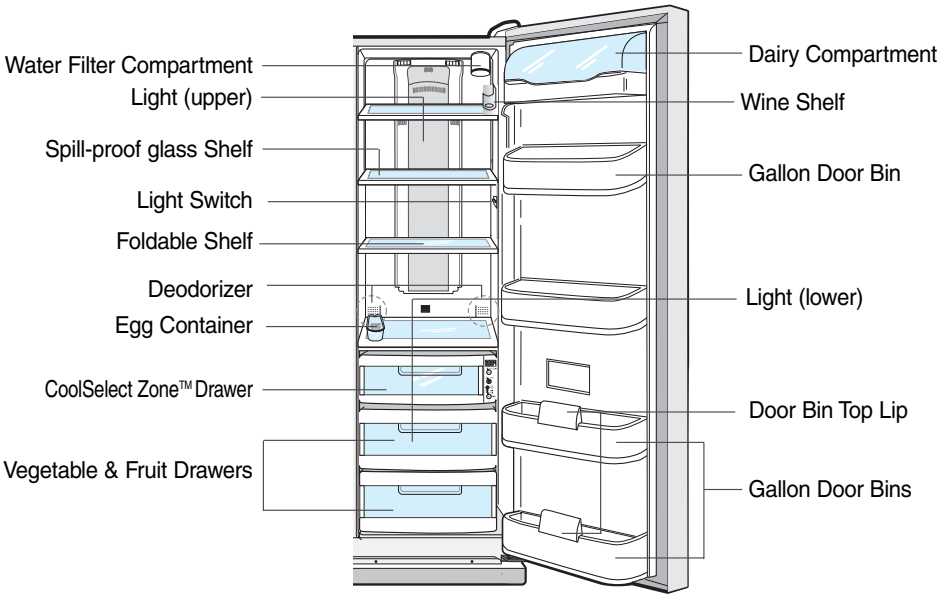
If there will be a long period of time (long vacation or business trip) where you won't use the water or ice dispensers, close the water valve and shut off the water supply to the refrigerator. Otherwise, water leakage may occur.

SHELVES AND BINS

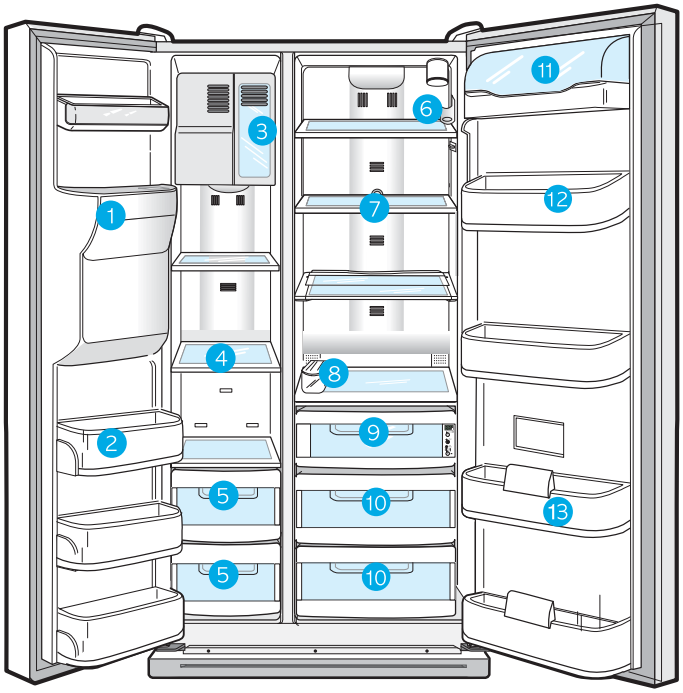
Freezer



Refrigerator



FOOD STORAGE GUIDE



FROZEN FOOD STORAGE IN FREEZER

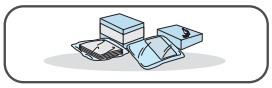
1 **Ice chute**

WARNING

Do not put your fingers, hands or any other unsuitable objects in the chute or ice-maker bucket, as this may result in personal injury or material damage.

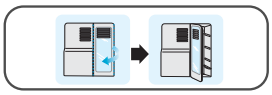
2 **Door Bin**

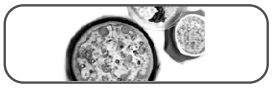
- Can be used for small packages of frozen food.



3 **Xtra Space™**

- Can be used for frozen foods such as pizza, pasta, burritos, and fajitas.
- In order to prevent odor penetration to the ice, stored food should be wrapped securely.



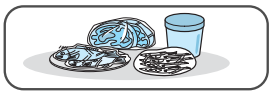


4 **Tempered Glass Shelf**

- Can be used to store all types of frozen food.

5 **Plastic Drawer**

- Can be used to store meats and dry foods. Stored food should be wrapped securely using foil or other suitable wrapping materials or containers.

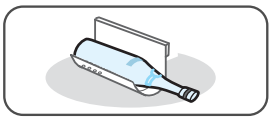


OPERATING INSTRUCTIONS

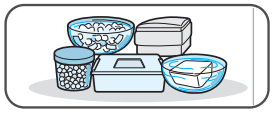
FOOD STORAGE GUIDE

CHILLED FOOD STORAGE IN REFRIGERATOR

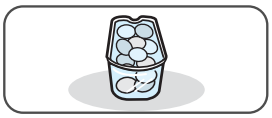
6 Wine Shelf
- Place your wine bottles on the shelf to maintain their taste.



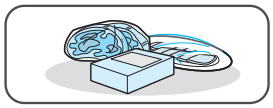
7 Tempered Spill Proof Glass Shelf
- Can be used to store all types of chilled food.
- Safe and break resistant.
- Circular marks on the glass surface are a normal phenomenon.



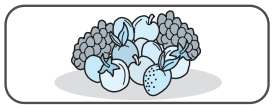
8 Egg Container
- Put eggs in the container and place them on the shelf.



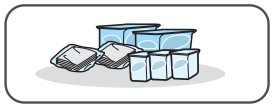
9 Chilled Bin or CoolSelect Zone™ Drawer
- Helps to preserve the taste of food and prolongs its freshness. Use to store cheese, meat, poultry, fish or any other foods used quickly.



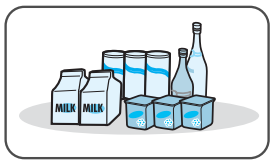
10 Fruit & Vegetable Drawer (Upper and Lower)
- Is used to store fruits and vegetables.
- This drawer is airtight. Optimized humidity control design helps to preserve the freshness of the stored vegetables and fruits.



11 Dairy Compartment
- Can be used to store butter or margarine.



12 13 Gallon Door Bins
- Can be used to store foods in packages, such as milk and yogurt.

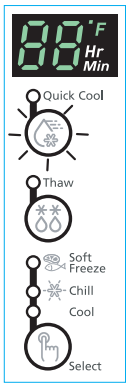


WARNING
- If you have a long vacation planned, empty the refrigerator and turn it off. Wipe excess moisture from the inside and leave the doors open. Otherwise, odor and mold may develop.

CoolSelect Zone™ Drawer GUIDE

"Quick Cool" Button

- You can use the Quick Cool feature with the CoolSelect Zone™.
- "Quick Cool" allows 1~3 canned beverages to cool within 60 min.
- To cancel this option, press the "Quick Cool" button again. CoolSelect Zone™ returns to the previous temperature.
- When "Quick Cool" ends, it returns to the "Cool" temperature setting.



NOTE

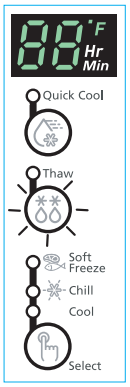
Depending on the beverages, the cool-down time may vary.

NOTE

- When the "Quick Cool" option is selected, remove food stored in the CoolSelect Zone™ Drawer that you do not want to cool.

"Thaw" Button

- After "Thaw" is selected, warm and cold air is alternately supplied into the CoolSelect Zone™ Drawer.
- Depending on the weight of the meat, thawing time can be selected for 4 hrs, 6 hrs, 10 hrs, and 12 hrs sequentially, keeping the meat partially frozen.
- When "Thaw" ends, the CoolSelect Zone™ display returns to "chill" condition.
- **When "Thaw" ends, meat is in a half-frozen state so it is easy to cut for cooking.**
- To cancel this option, press any button except "Thaw".
- The approximate thawing times of meat and fish are shown below. (Based on 1inch thickness)



Thaw Time	4 hours	6 hours	10 hours	12 hours
Weight	0.8 lb	1.3 lb	1.7 lb	2.2 lb

NOTE

Depending on the size and thickness of the meat and fish, the thawing time may vary.
The above chart represents the total weight of food in the CoolSelect Zone™ Drawer.
Ex) The total thawing time for 1.3 lb frozen beef and 0.8 lb frozen chicken will be 10 hours.

NOTE

- When the "Thaw" option is selected, be sure to remove food stored in the CoolSelect Zone™ Drawer that you do not want to thaw.

CoolSelect Zone™ Drawer GUIDE

"Select" Button

1 Soft Freeze

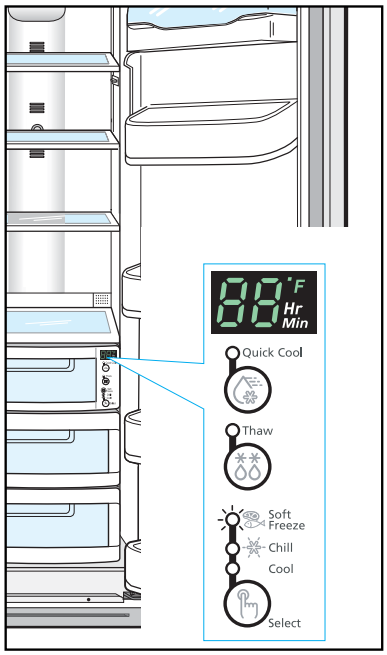
- When "Soft Freeze" is selected, the temperature on the digital panel displays 23°F(-5°C), regardless of the set temperature of the refrigerator.
- "Soft Freeze" temperature helps keep meat and fish fresh for longer.

2 Chill

- When "Chill" is selected, the temperature of the CoolSelect Zone™ Drawer is kept at 30°F(-1°C), regardless of the set refrigerator temperature.
- "Chill" temperature helps keep meat or fish fresh for longer.

3 Cool

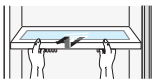
- When "Cool" is selected, the temperature will be the same as the set temperature of the refrigerator. The digital panel shows the same temperature as that of the Control panel.
- When using "Cool", the CoolSelect Zone™ Drawer allows extra refrigerator space.



REMOVING THE FREEZER ACCESSORIES

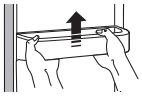
1 Glass Shelf

- Pull the shelf out as far as it goes. Then lift it up and remove it.



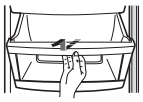
2 Door Bin

- Hold the door bin with both hands and then lift it up.



3 Plastic Drawer (Wire Drawer)

- Remove the drawer by pulling it out and slightly lifting it up.

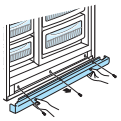


4 Ice Maker Bucket

- Remove the bucket by lifting up and pulling out.

5 Front Leg Cover

- Open the freezer and refrigerator doors, remove three screws and detach the cover.
- To reattach the front leg cover, put it back to original position and tighten the three screws.



NOTE

- Do not use excessive force when removing the cover. It may cause an injury.

REMOVING THE REFRIGERATOR ACCESSORIES

1 Spill Proof Glass Shelf

- Pull the shelf out as far as it will go. Then lift it up and gently remove it.

2 Vegetable & Fruit Drawer

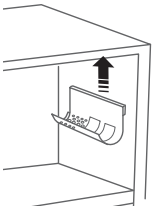
- Remove the drawer by holding the handle, pulling the drawer out and lifting it up smoothly.
- Remove the optimized humidity control cover by pulling it towards you.

3 Gallon Door Bin

- Hold the bin with both hands and remove by lifting it up.

4 Wine Shelf

- It is attached to the cabinet wall. To remove the wine shelf, lift it up in the direction of the arrow as shown.
- Simply take the shelf out of the tabs.



NOTE

- Before removing the freezer and refrigerator accessories, please remove the stored foods.

CARE AND CLEANING

Interior

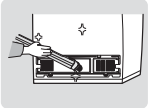
- Clean the accessories with a mild detergent, then wipe out with a dry cloth.
- After washing the accessories, make sure that they are dry before using them again.

Exterior

- Wipe the digital panel and display panel with a clean cloth.
- Clean the surface of doors, handles and cabinet with a mild detergent and soft cloth, then wipe off the surface with a dry cloth.
  - Do not use Benzene, Thinner or Clorox™ for cleaning
  - Do not spray water directly on the surface of the refrigerator while cleaning.
- The exterior part of the refrigerator should be polished once or twice a year.

Rear

- Use a vacuum cleaner to remove dust once or twice a year.



WARNING

- Do not remove cover, risk of shock.

Ice and water dispenser

- Use a damp cloth to clean the ice and water dispenser. Then wipe it out with a dry cloth.
- To keep drainage grid dry, do not touch ice and water dispenser without a cup or glass in place.

Rubber door seals

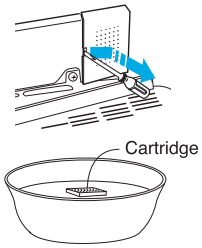
- If the rubber door seals are dirty, the door will not close properly, The refrigerator will not be able to function efficiently. Clean the doors with a mild detergent and damp cloth. Then wipe with a dry cloth.

WARNING

- Do not spray the refrigerator with water. It may cause a serious electric shock.
- Do not clean it with benzene, thinner or car detergent. It may cause a fire.

CARE AND CLEANING

Twin Deodorizer



- Remove the cover with a flat blade screw driver as shown.
- Take out the cartridge from the cover and soak it in clean, warm water for at least 4 hrs. Completely dry out the cartridge in sunlight for at least 8 hrs in an open area.
- Repeat this process once or twice a year.

NOTE
- If cartridge is dried in a confined area, there may be some odor.
- Keep children away from contaminated water.

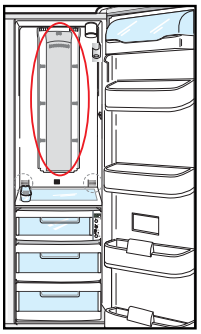
CHANGING THE INTERIOR LIGHT

WARNING
Before changing the interior light, unplug the refrigerator from the power supply. If you have difficulty changing the light, contact your service center.

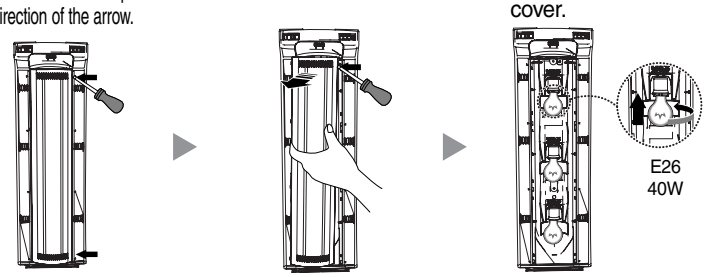
INTERIOR LIGHT IN THE REFRIGERATOR.

Upper

The upper light is located in the upper center of the refrigerator.



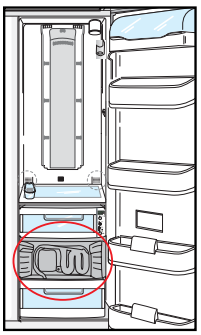
1. Place a flat screwdriver under the light cover hooks and push in the direction of the arrow.
2. Pull the cover in the direction of the arrow.
3. After changing the bulb, replace the light cover.



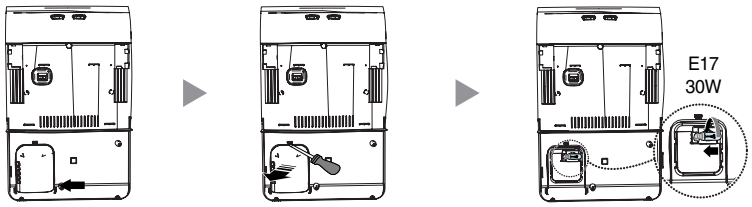
NOTE
Replacement bulbs for the upper refrigerator are available at retail outlets such as Wal-mart and The Home Depot. Use replacement bulb size E26, maximum 40 watts.

Lower

The lower light is located in the lower center of the refrigerator.



1. Place a flat screwdriver under the light cover hooks and push in the direction of the arrow.
2. Change the bulb with a new one (②)
3. After changing the bulb, replace the light cover.

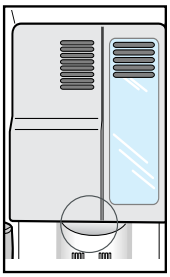


NOTE
Replacement bulbs for the lower refrigerator are available at retail outlets such as Wal-mart and The Home Depot. Use replacement bulb size E17, maximum 30 watts.

CHANGING THE INTERIOR LIGHT

INTERIOR LIGHT IN THE FREEZER.

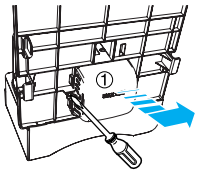
The freezer light is located in the bottom of the auger motor case.

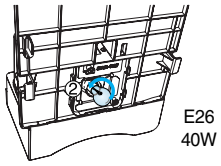


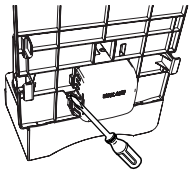
1 Use a screwdriver(+) to remove the screw (①).

2 Change the bulb with a new one (②)

3 Reattach the light cover







NOTE

Replacement bulbs for the freezer are available at retail outlets such as Wal-mart and The Home Depot.
Use replacement bulb size E26, maximum 40 watts.

WATER FILTER

The water "Filter Indicator" light

- "Filter Indicator" light lets you know when it is time to change your water filter cartridge. The light will change from green to orange. This tells you that it is almost time to change the current cartridge. It is recommended that you replace the cartridge when the light changes to red. (see "Install the water filter" section for more information)

- If you install the water filter, throw away the first six glassfulls of water filter, or until water flows clearly to flush impurities in the water supply system.

Using the dispenser without the water filter

- You can not use the water and ice dispenser without a water filter cartridge because the water line blocks at the water supply.

Ordering replacement filters

- To order more water filter cartridges, call 1-800-SAMSUNG and ask for accessory Part # DA29-00003B or contact your authorized Samsung dealer.

DOORS

The refrigerator doors have a special door opening and closing feature to make sure that they close all the way and are securely sealed.

When opening the door, it will only open so far. After reaching a certain point, it will remain open.

When the door is partially open, it will close automatically.

The refrigerator should be properly installed & leveled.

INSTALLATION OF THE REFRIGERATOR

Checking the Dimensions of your Entrance Door

Check the dimensions of your entrance door to determine whether the refrigerator can pass through it.

Capacity (Cu. Ft)			26.1
Dimension (inches)	Width		35.9"
	Case Height	without Hinge	68.8"
		with Hinge	70"
	Depth	with door	36.5"
		without door	30.5"

Selecting the Location for the Refrigerator

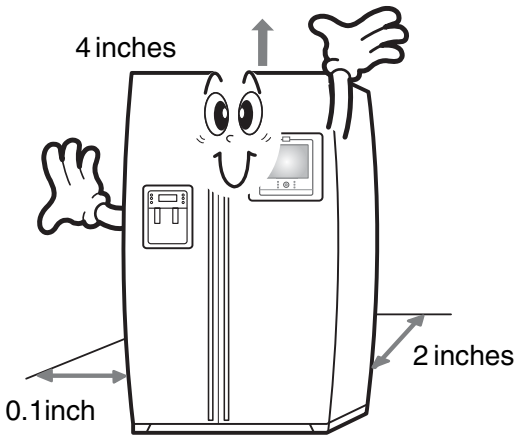
- Select a location with easy access to the water supply.
- Select a location with enough space for the refrigerator.
- Select a location without direct exposure to sunlight.
- Select a location with level floor or close to it.

NOTE

- Before removing the freezer door, the water supply line needs to be disconnected. (If not, the water supply line may be damaged.)
- See “Separating the water supply line from the refrigerator” on the next page.

Allow sufficient space to circulate the air in the internal cooling system.

- When the refrigerator does not have enough space, the internal cooling system may not work correctly.



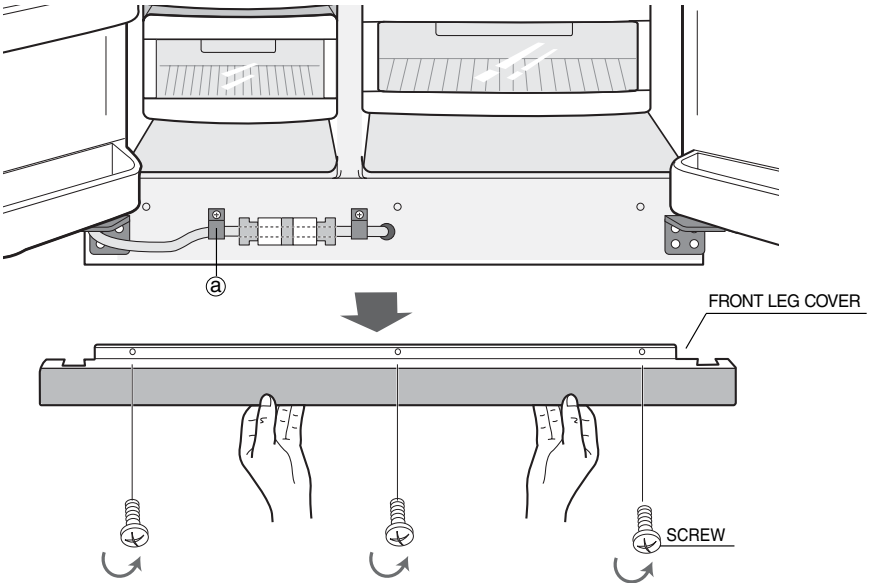
NOTE

- Allow clearance to the right, left, back and top when installing the refrigerator. This has the advantage of reducing power consumption.
- Do not install the refrigerator where the temperature will go below 50°F(10°C).

REMOVING THE REFRIGERATOR DOORS

Removing the Front Leg Cover

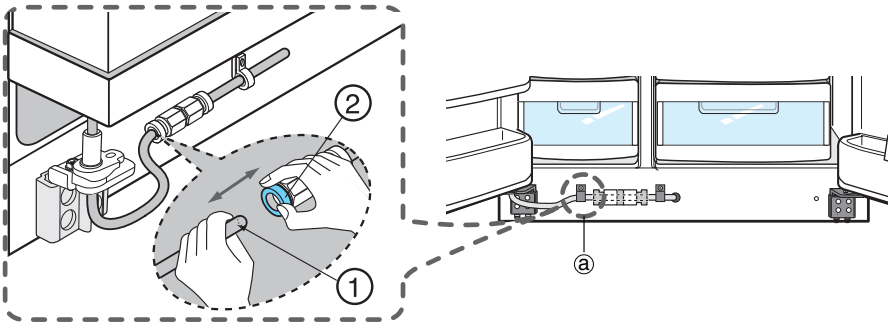
Open the freezer and refrigerator doors, and then take off the front leg cover by turning the three screws counter-clockwise.



Separating the Water Supply Line from the Refrigerator

1) Remove the screw from clamp (ⓐ).
2) Remove the water tube by pressing the coupler (②) and pulling the water tube (①) away.

NOTE Turn off the water supply when separating the water supply line.



NOTE Do not cut the water tube. Separate it from the coupler.

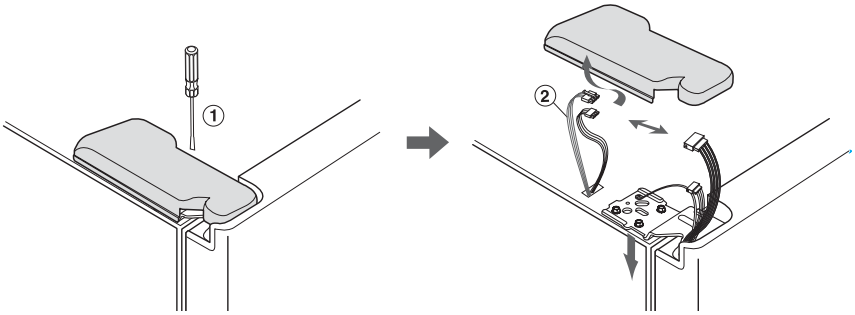
REMOVING THE REFRIGERATOR DOORS

NOTE

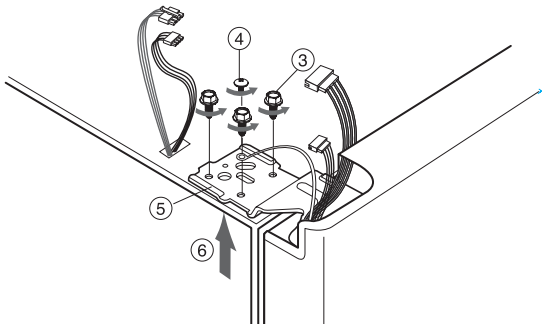
- Lift the door straight up.
- Be careful not to pinch the water tubing and wire harness on the door.
- Place doors on a protected surface.
- Unplug the refrigerator from the power supply.

Removing the Freezer Door

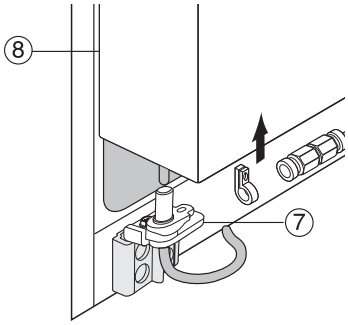
1) With the door closed, remove the upper hinge cover (①) using a screwdriver, and then disconnect the wires (②).



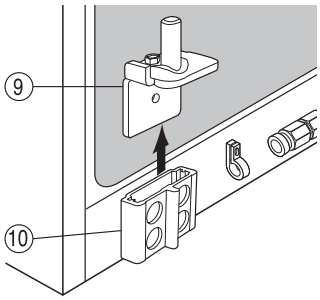
2) Remove hinge screws (③) and ground screw (④) counter-clockwise, and take off the upper hinge (⑤) in the direction of the arrow (⑥). Be careful when removing the door to ensure that it does not fall on you.



3) Remove the door from the lower hinge (⑦) by carefully lifting the door (⑧).



4) Remove the lower hinge (⑨) from the bracket lower hinge (⑩) by lifting the lower hinge (⑨) in the direction of the arrow.

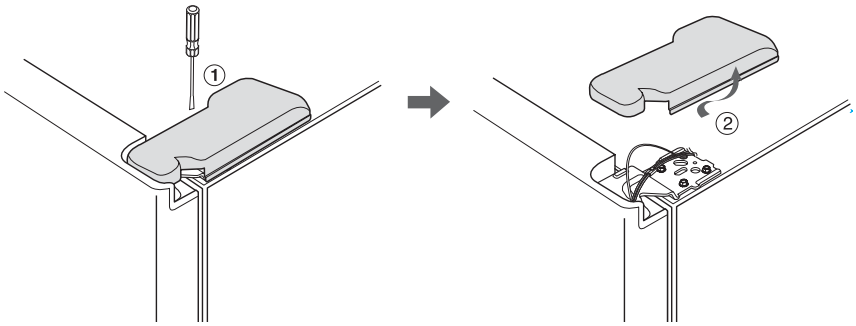


INSTALLATION INSTRUCTIONS

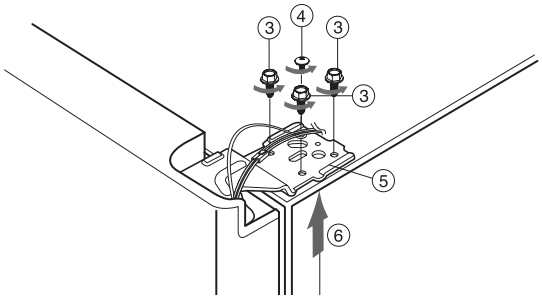
REMOVING THE REFRIGERATOR DOORS

Removing the Refrigerator Door

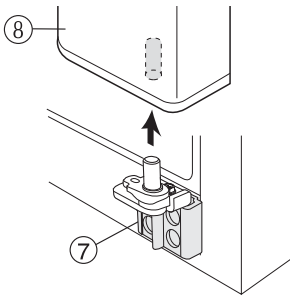
1) With the door closed, remove the upper hinge cover (①) using a screwdriver, and then disconnect the wires(②).



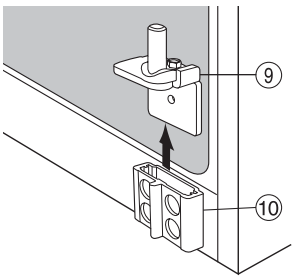
2) Remove all hinge screws (③) and ground screw (④) counter-clockwise, and take off the upper hinge (⑤) in the direction of the arrow (⑥). Be careful when removing the door to ensure that it does not fall on you.



3) Remove the door from the lower hinge (⑦) by lifting the door (⑧).



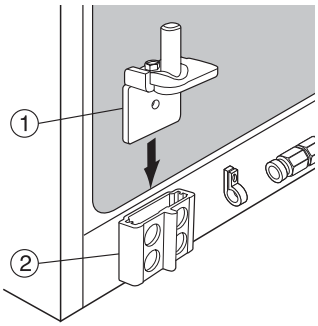
4) Remove the lower hinge (⑨) from the bracket (⑩) by lifting the lower hinge (⑨)



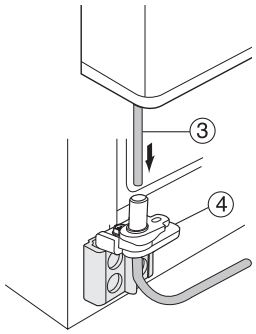
REATTACHING THE REFRIGERATOR DOORS

Reattaching the Freezer Door

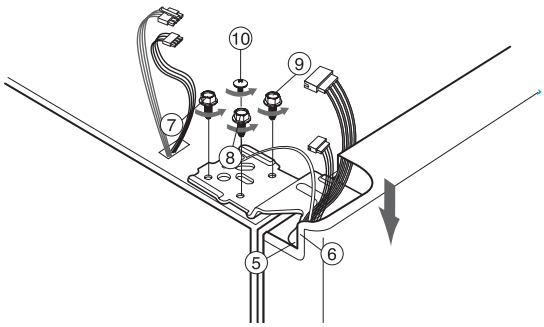
1) Insert the lower hinge (①) in the bracket (②).



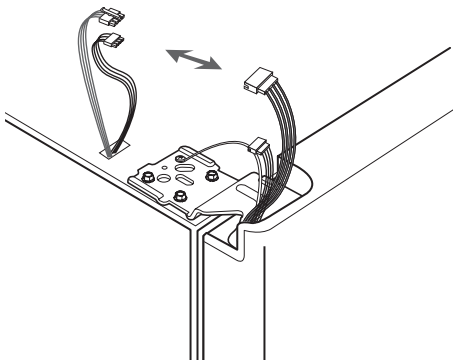
2) Before reattaching the freezer door, insert the hose (③) in the lower side of the door into the hole in the lower hinge (④) and pull the hose down.



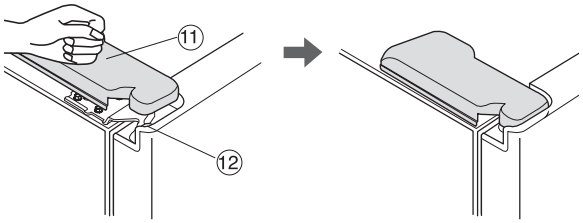
3) Insert the upper hinge shaft (⑤) into the hole on the top of the door (⑥). After levelling between the upper hinge hole (⑦) and the hole of the cabinet (⑧). Reattach hinge screws (⑨) and ground screw (⑩) in a clockwise direction.



4) Connect the wires.



5) Put the front part of the upper hinge cover (⑪) on the front part of the upper hinge (⑫) and reattach from the front part of the upper hinge cover first.

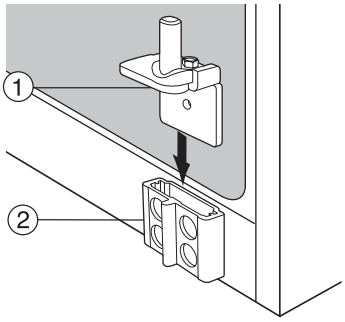


INSTALLATION INSTRUCTIONS

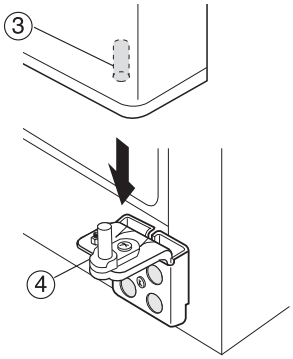
REATTACHING THE REFRIGERATOR DOORS

Reattaching the Refrigerator Door

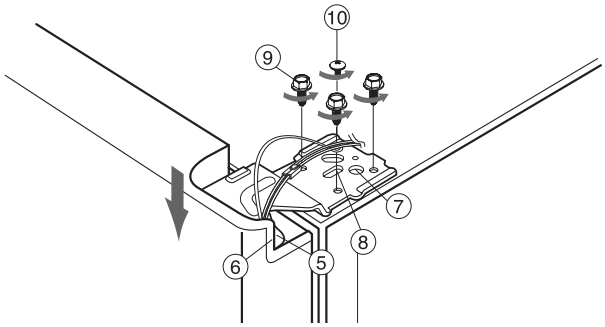
1) Insert the lower hinge (①) in the bracket (②).



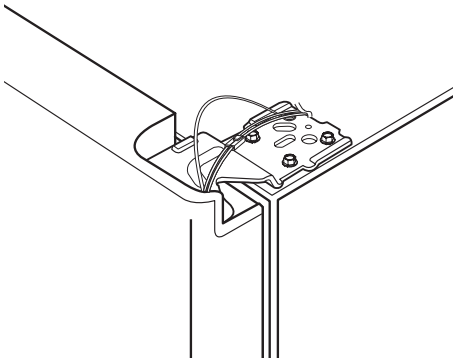
2) Align the hole in the refrigerator door (③) over the lower hinge and push down (④).



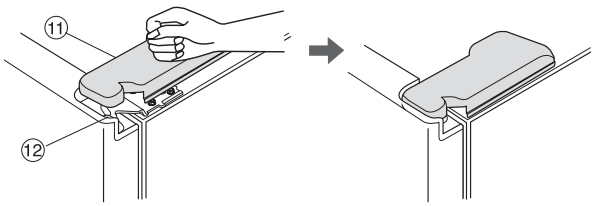
3) Insert the upper hinge shaft (⑤) into the hole at the top of the door(⑥). After levelling between the upper hinge hole (⑦) and cabinet hole (⑧). reattach hinge screws (⑨) and ground screw (⑩) in the clockwise direction.



4) Connect the wires.



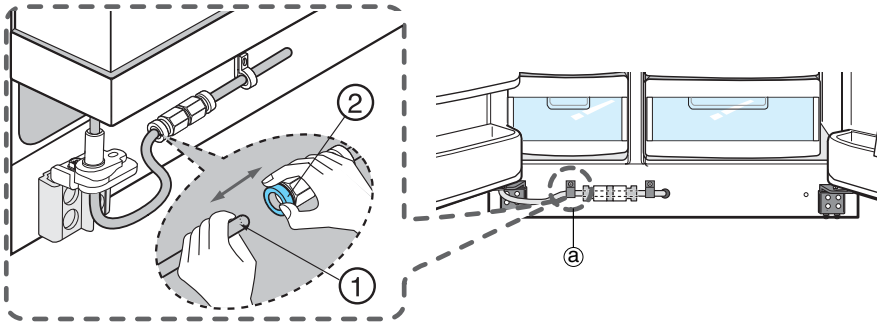
5) Put the front part of the upper hinge cover (⑪) on the front part of the upper hinge (⑫) and reattach it from the front part of the upper hinge cover first.



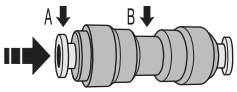
REATTACHING THE REFRIGERATOR DOORS

Reattaching the Water Supply Line

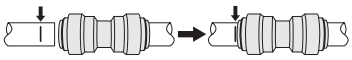
1) While pressing the front face of coupler (②), insert the water line (①) in the coupler.
2) Tighten the screw on the clamp (ⓐ).



1) Push the "A" collar to the "B" body and hold.



Then pull tube from the connector.



NOTE

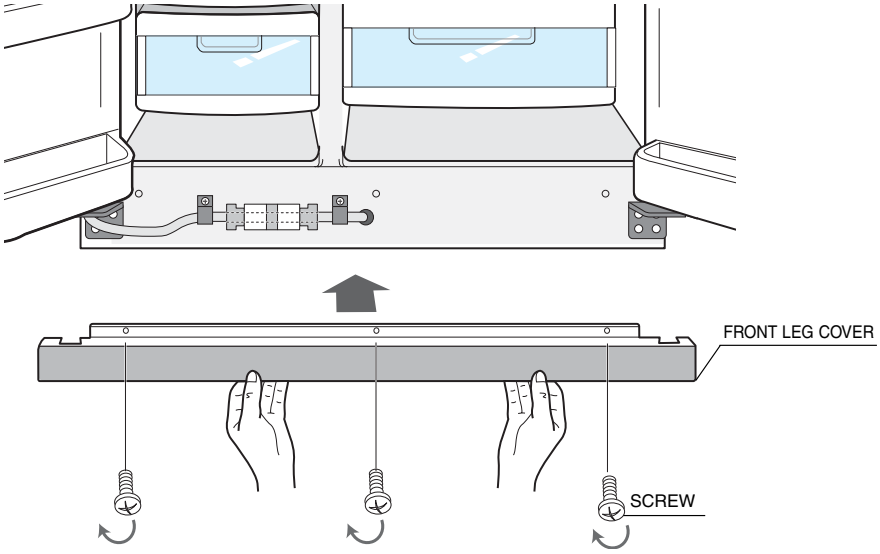
Tube must be fully inserted to the marked line to avoid leaks.

Reattaching the Front Leg Cover

Put on the front leg cover by turning the three screws clockwise, as shown in the figure.

NOTE

Before attaching check water connector, be sure to check for leakage.



LEVELING THE REFRIGERATOR

Make sure the refrigerator is level before adjusting its doors.

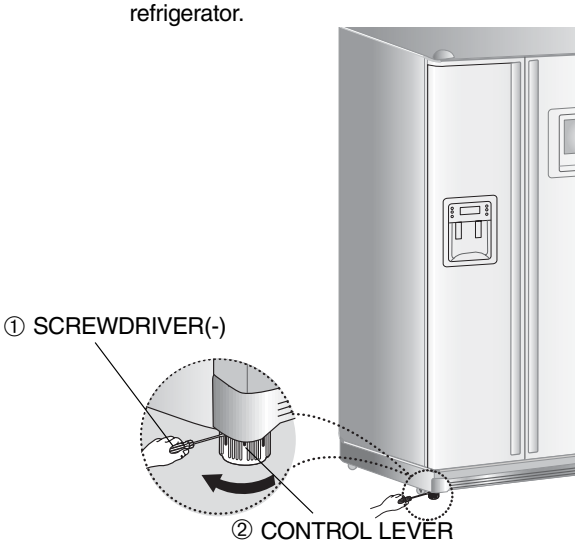
The doors will be uneven if the refrigerator is not level.

NOTE

The front of refrigerator is adjustable.

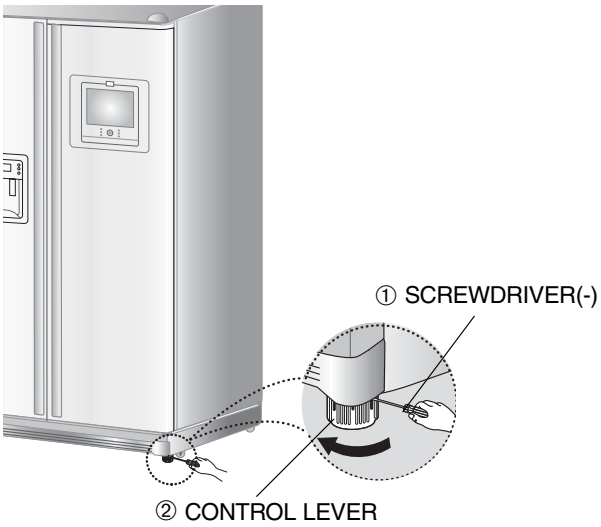
Case 1) Freezer door is lower than that of the refrigerator

Insert a flat-blade screwdriver (-) (①) into a slot of the control lever (②), turn it clockwise and level the refrigerator.



Case 2) Freezer door is higher than that of the refrigerator

Insert a flat-blade screwdriver (-) (①) into a slot of the control lever (②), turn it clockwise and level the refrigerator.



NOTE

Do not make small adjustments with the control lever, please refer to the next page.

ADJUSTING THE CLEARANCE BETWEEN THE DOORS

NOTE

Adjust Leveling first.

Making small adjustments between doors.

If the door of the freezer is lower than that of the refrigerator.

If the door of freezer is higher than than that of the refrigerator.

Please open the doors and adjust them as follows:

1) Release the nut (①) on the lower hinge until it reaches the upper end of the bolt (②).

NOTE

When you release the nut (①), use enclosed hex wrench (③) to turn the bolt(②) in a slightly counterclockwise direction. This will enable you to loosen the nut(①) with your fingers.

2) Please adjust the height difference between the doors by turning the bolt (②) clockwise ( ) or counter clockwise ( ).

NOTE

When you turn clockwise ( ), the door goes up.

3) After adjusting the doors, turn the nut clockwise ( ) until it reaches the lower end of the bolt, then tighten the bolt again with the wrench (③) to fix the nut(①).

NOTE

If you do not fix the nut (①)firmly, the bolt (②) may be released.

INSTALLATION INSTRUCTIONS

CHECKING THE WATER DISPENSER LINE

1) In order to operate the ice maker properly, water pressure of 20 ~125 psi is required.
   In this range a 170 cc (5.74 ounces) paper cup can be filled in 10 secs.

2) The water filter removes particles. It does not sterilize or destroy any micro-organisms.

3) If the refrigerator is installed in an area with low water pressure (below 20psi), you should install a booster pump to compensate.

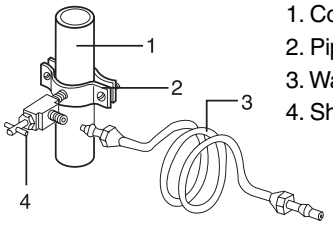
4) Ensure the water storage tank inside the refrigerator is properly filled initially. Push the water dispenser lever until the water runs from the outlet.

NOTE

A Water line installation kit is available at extra cost from your dealer. Samsung recommends using a water supply kit containing copper tubing.

Connecting to water supply line

- Shut off the main water supply line and turn the Ice maker to the off position.
- Locate the nearest cold water line.
- Follow the instructions in the ice maker installation kit.
- After connecting the water supply with water filter, turn on water supply and flush 4 or more gallons into a bucket to clear the water filter



1. Cold Water line
2. Pipe Clamp.
3. Water Line Installation Kit
4. Shut Off Valve

INSTALLATION OF THE WATER DISPENSER LINE

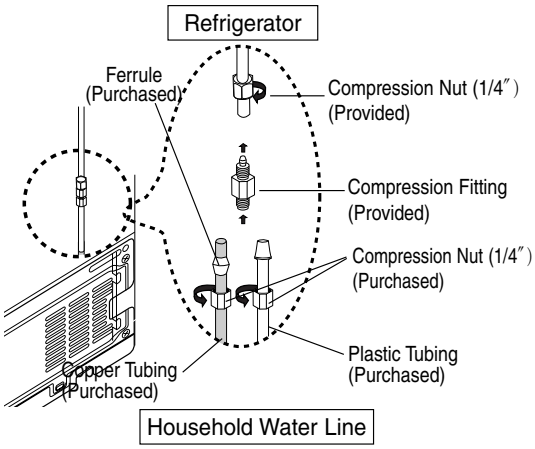
Connect the water line to the refrigerator.

1) Slip the compression nut through the provided plastic tubing.
2) Tighten the compression nut onto the 1/4” compression fitting.

NOTE Do not overtighten the compression nut.

- Using Copper Tubing
  - Slip the compression nut and ferrule on copper tubing as shown.
- Using Plastic Tubing
  - Insert the molded end of the plastic tubing into the compression fitting.

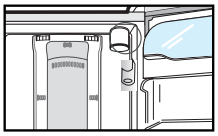
3) Tighten the compression nut onto the compression fitting.
4) Turn water on and check for any leakage.



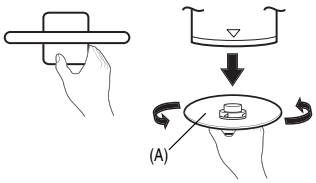
NOTE Water line must be connected to drinkable water only.
Cut off 1/4 inch of the provided plastic tubing squarely to prevent leaks when reconnecting.

Install the water filter.

1) The water filter is located in the upper right hand corner of the refrigerator. Remove the fixed cap (A) as shown. The fixed cap separates from the Water Filter Compartment by rotating it counterclockwise.

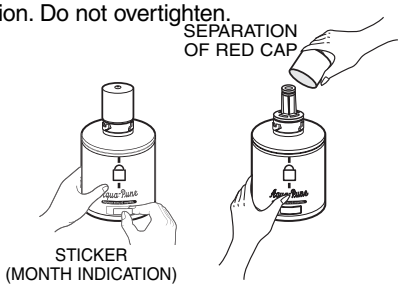


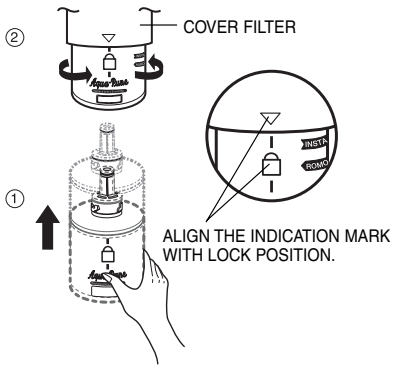
NOTE Keep the cap(A) in a safe place for recapping, when you don’t need to use the filter.



Remove the water filter from the box and put a month indicator stick on the filter as shown.

2) If the water filter was installed in March, put on the "SEP" sticker.
3) Remove the Red protective cap from the filter, then position and insert the filter as shown.
4) Slowly turn the water filter clockwise 90º to align the indication mark on the cover, locking the filter in position. Do not overtighten.





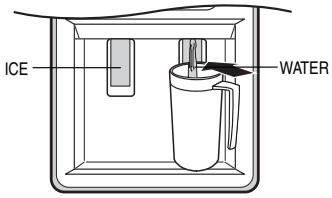
NOTE Please check that the indication line aligns with the lock position.

INSTALLATION INSTRUCTIONS

INSTALLATION OF THE WATER DISPENSER LINE

Remove any residual matter inside the water supply line after installing filter.

1) Turn on the main water supply & shut-off the valve of the water supply line.
2) Run water through the dispenser until the water runs clear (6~7 minutes). This will clean the water supply system and clear air from the lines.
3) Additional flushing may be required in some households.
4) Open the refrigerator door and check if water leaks around the water filter.

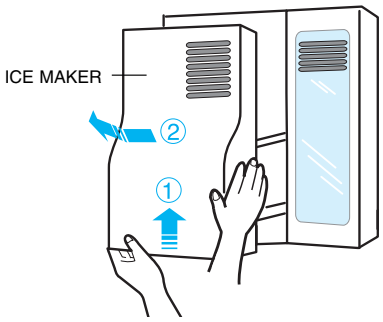


NOTE

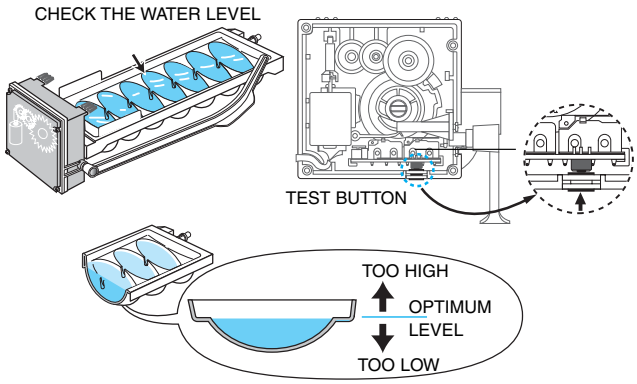
- A newly-installed water filter cartridge may cause water to briefly spurt from the dispenser.
- Before reinstalling the water filter, remove the wine shelf.

Check the amount of water supplied to the ice tray.

1) Lift up (①) and pull out (②) the ice maker bucket in the freezer.



2) When you press the test button, the ice cube container is filled with water from the water supply tap.
Check the amount of water (see the illustration below).
If the water level is too low, the ice cubes will be small.
This is not a problem with the ice maker but of the water pressure in the pipe, and occurs frequently.
When this problem occurs, contact a service person to check the amount of water supplied.



TROUBLESHOOTING

The refrigerator does not work at all or it does not chill sufficiently

- Check that the power plug is properly connected.
- Is the temperature control on the display panel set to the correct temperature? Try setting it to a lower temperature.
- Is the refrigerator in direct sunlight or located near a heat source?
- Is the back of the refrigerator too close to the wall?

The food in the refrigerator is frozen

- Is the temperature control on the display panel set to the correct temperature? Try setting it to a warmer temperature.
- Is the temperature in the room too low?
- Did you store food with a high water content in the coldest part of the refrigerator?

You hear unusual noise or sounds

- Check that the floor is leveled and stable.
- Is the back of the refrigerator too close to the wall?
- Was anything dropped behind or under the refrigerator?
- A “ticking” sound may be heard from inside the refrigerator, this is normal. This occurs because various accessories are contracted or expanded.

The front corners and sides of the cabinet are hot; condensation occurs.

- Anti-condensators are installed in the front corners of the refrigerator to prevent condensation.
- Condensation can occur when you leave the door open for a long time.

Ice is not dispensed

- Did you stop the ice making function?
- Is there any ice in the ice storage unit?
- Is the water line connected and the shut-off valve open?
- Is the freezer temperature too warm? (Set the temperature lower)
- Did you wait for 12 hours after installation of the water supply line before making ice?

You can hear water bubbling in the refrigerator

- The bubbling comes from the refrigerant circulating in the refrigerator and is normal.

There is a bad smell in the refrigerator

- Wrap strong smelling food so that it is airtight.

  Throw away any rotten food.

Frost forms on the walls of the freezer

- Is the air vent blocked?
- Allow sufficient space between the foods stored for efficient air circulation.
- Is the door closed properly?

No water is supplied

- Is the water line connected and the shut-off valve open?
- Is the water supply line crushed?
- Is the water tank frozen because the refrigerator temperature is too low? Select a warmer setting on the display panel.

MEMO

SAMSUNG

I.C.E. PAD
Owner's Manual

GENERAL INFORMATION

I.C.E. PAD Major Features.

Function	Description
Processor	Intel PXA255 400MHz
Memory	NOR Flash:4MB NAND Flash : 128MB SDRAM : 128MB
Display	800x600 10.4" TFT LCD
O/S	WinCE.Net 4.2
AC adapter output	+14V DC 2.57A
AC power adapter input	110~240V AC, 50/60Hz
Battery	2400 mAH x 3 Cell Smart Battery
Interface	Headphone port, AC Adaptor port Internal Microphone
Network	802.11a Wireless A/V Transmission
Size	10.5 x 10.7 x 1.1 inches(266.5 x 272.5 x 28.8 mm)
Operation Environment	Temperature-storage : 23 ~ 104℉(-5 ~ 40℃) / Temperature-operation : 50 ~ 90℉(10 ~ 32℃) / Humidity(storage) : 5 ~ 90% (operation) : 20 ~ 80%

Graphic User Interface (GUI) is an easy access interface for I.C.E. PAD users.
Touch Screen allows access to all I.C.E. PAD functions.
Wireless Communication (IEEE 802.11a) enables your family to watch high-quality analog TV.

NOTE

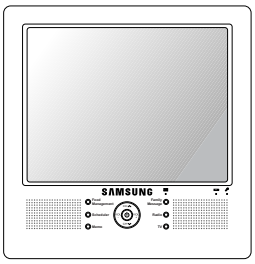
This I.C.E. PAD receives wireless signals which on occasion may be interrupted.
This is not a failure of the unit.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications, However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

GENERAL INFORMATION

I.C.E. PAD And Transmitter.



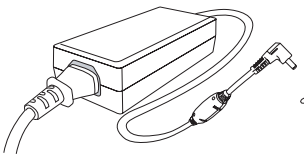
I.C.E. PAD

I.C.E. PAD : This is a device that works with the Transmitter to provide convenient features including wireless TV, wireless radio, food reminder, family message, memo, scheduler and today functions.

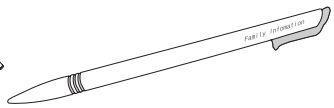
Transmitter

Transmitter : This device transmits audio and video signals to the I.C.E. PAD in order to provide TV and Radio functions(refer to page 37-How to connect external sources).

Accessories(supplied)

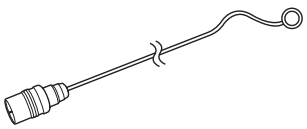


AC adapter(2EA)

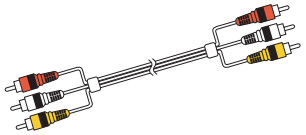


Stylus pen

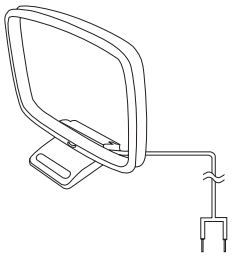
TV Cable



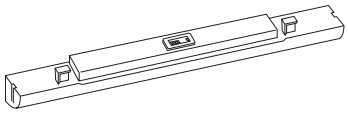
FM Radio Antenna



AV Cable



AM Radio Antenna



Battery

AC adapter(2 EA):
- These adapters supply power for the I.C.E. PAD and Transmitter.

FM Radio Antenna:
- Connect to the Transmitter to receive FM radio signals.

AM Radio Antenna:
- Connect to the Transmitter to receive AM radio signals.

Stylus pen:
- Use to select a I.C.E. PAD touch screen or input a character.

TV Cable:
- Connect to the Transmitter and a TV Antenna/Cable TV to receive TV signals.

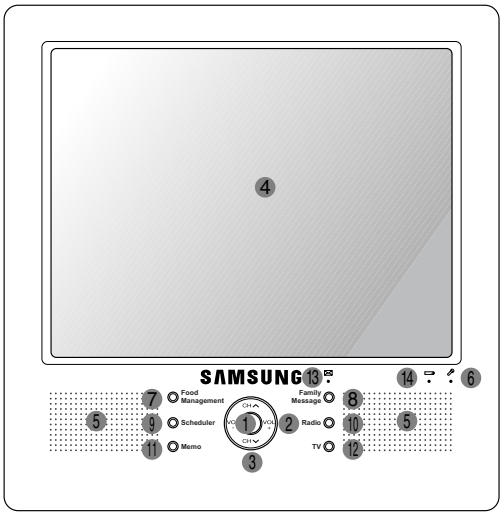
AV Cable:
- Connect to the Transmitter to receive an external A/V signal (DVD, VCR, STB...).

Battery:
- Connect to the I.C.E. PAD for using the I.C.E. PAD without a adapter.

VIEW OF I.C.E. PAD/TRANSMITTER

View of I.C.E. PAD.

Front view



⑪ **Memo button :**
- Select to bring up the Memo.

⑫ **TV button :**
- Select to bring up the TV.

① **Power Button :**
- Turns the system power on and off.

② **Volume Control Button:**
- Controls the volume of the TV and Radio.

③ **Channel Control Button :**
- Controls the channel of the TV and Radio.

④ **LCD :**
- This displays touch screens.

⑤ **Speaker(L/R) :**
- Built-in Speaker.

⑥ **Microphone :**
- Built-in Microphone.

⑦ **Food Management button :**
- Select to bring up the Food Management.

⑧ **Family message button :**
- Select to bring up the Family Message.

⑨ **Scheduler button :**
- Select to bring up the Scheduler.

⑩ **Radio button :**
- Select to listen to the Radio.

⑬ **Family Message lamp**
- On(Green) : It means there is new Family Message.
- Off : No new message.

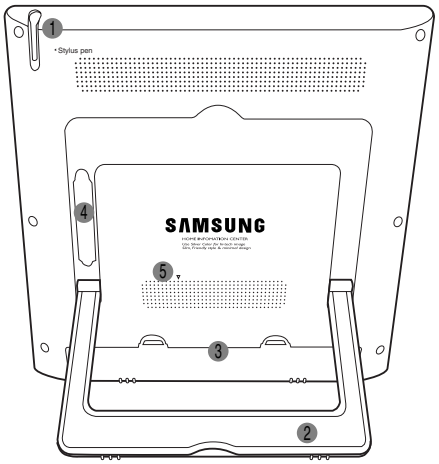
⑭ **Battery status lamp**
- Orange : The battery is charging.
- Green : The battery has finished charging.

NOTE

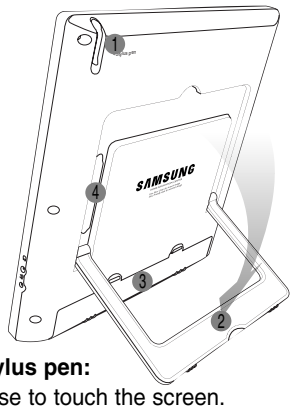
The power, battery status and family message lamps can be seen most easily from the front. They are more difficult to view from the side.

VIEW OF I.C.E. PAD/TRANSMITTER

Rear view



[Rear view]



① **Stylus pen:**
- Use to touch the screen.

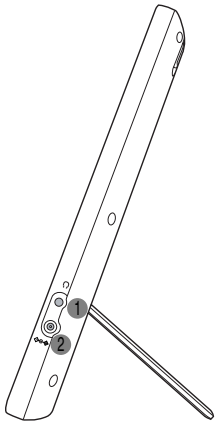
② **Stand :**
- Allows you to stand the I.C.E. PAD on a desk.

③ **Battery Case :**
- Built-in battery case.

④ **A/S port :**
- Service port (for service only).
- Do not open the cover.

⑤ **Reset Button :** Use to reset the system. There is reset button in the hole inside that a reset position( ) is marked.

Right view

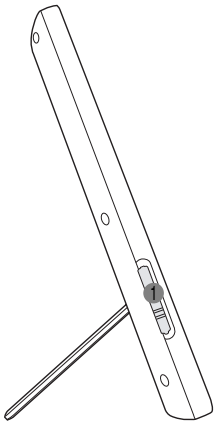


[Right view]

① **Headphone Port:**
- Connects to commonly used PC headphones.

② **Adaptor port:**
- Connects to the provided adaptor.

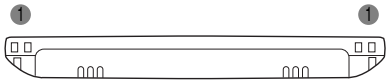
Left view



[Left view]

① **A/S port :**
- Service port (for service only). Do not open the cover.

Bottom view



[Bottom view]

① **Docking Connection Port :**
- To charge the I.C.E. PAD, mount the connection port of I.C.E. PAD in the door of the refrigerator(docking station).

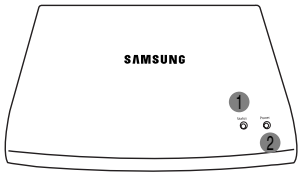
NOTE

The I.C.E. PAD can be charged by connecting it to an adapter or the docking station of the refrigerator.

VIEW OF I.C.E. PAD/TRANSMITTER

View of Transmitter.

Front view

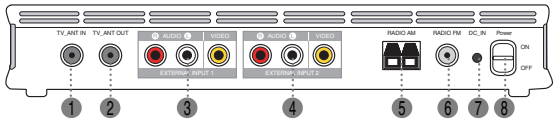


[Front view]

① **Status lamp :** This displays the transmission status of the wireless signal.
- If this lamp blinks, the Transmitter is sending a signal to the I.C.E. PAD.

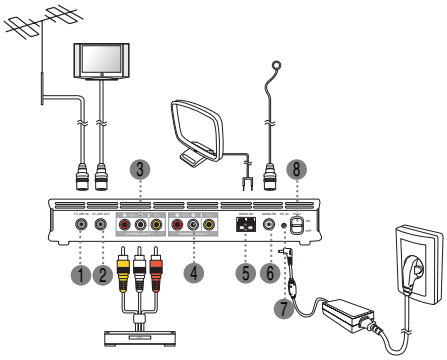
② **Power lamp :** This displays the Transmitter power status.
- On : The Transmitter is in power on mode.
- Off : The Transmitter is in power off mode.

Rear view



① **TV_ANT IN :** TV Antenna Input
② **TV_ANT OUT :** TV Antenna Output
③ **External Input 1 :** External Audio/Video Input #1
④ **External Input 2 :** External Audio/Video Input #2
⑤ **Radio AM :** Connect Radio AM Antenna cable.
⑥ **Radio FM :** Connect Radio FM Antenna cable.
⑦ **DC_IN :** Connect an adaptor.
⑧ **Power :** Use to power on or off.

How to connect external sources.



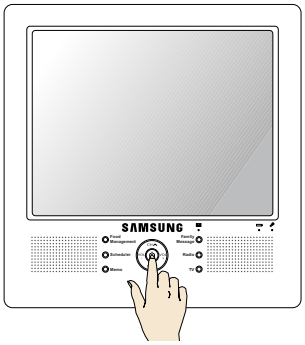
① **ANT IN :** Connect to an external antenna cable.
② **ANT OUT :** Connect to an antenna input port on a TV.
③ ④ **AV IN 1, 2 :** Video and audio inputs for external devices, such as a DVD or VCR.
⑤ **RADIO FM :** Connect to an FM antenna.
⑥ **RADIO AM :** Connect to an AM antenna.
⑦ **DC IN :** Connect to an adapter.
⑧ **POWER SWITCH :** Use in order to turn the Transmitter power on or off.

CAUTION

You should use only the A/V cable which is provided with the I.C.E. PAD.

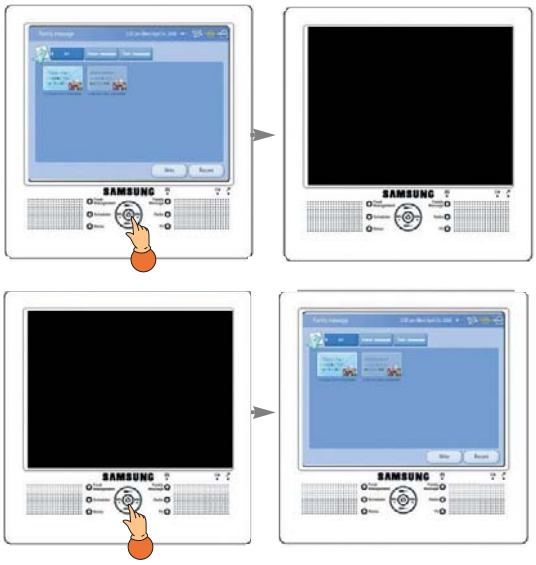
I.C.E. PAD POWER MANAGEMENT

How to turn on the I.C.E. PAD.



Press the power button on the front of the I.C.E. PAD.
In power on mode, power lamp will be on.

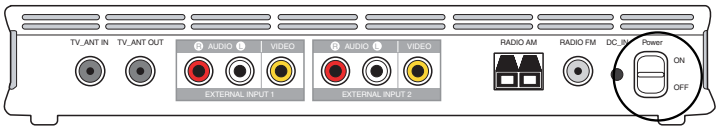
How to turn off the I.C.E. PAD.



- **Power off mode**
  - In order to shut down the I.C.E. PAD, press the I.C.E. PAD power button for about three seconds.
  - In power off mode, press the power button to restart the system.
- **Power saving mode**
  - In order to turn off the I.C.E. PAD screen, press the I.C.E. PAD power button for about one second.
  - The I.C.E. PAD screen turns off, but the I.C.E. PAD system remains on.
  - Press the power button to turn on the I.C.E. PAD screen.

NOTE
- The power saving mode can be set up in the Settings function menu. See page 51.
- The power saving mode does not work in TV, Radio and Family message mode.

How to turn the Transmitter power on and off.

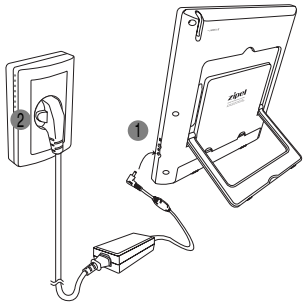


NOTE

In order to use the TV and radio functions of the I.C.E. PAD, the Transmitter must be turned on.

I.C.E. PAD POWER MANAGEMENT

How to connect an adapter.



① Connect an adapter to the I.C.E. PAD.
② Connect the adapter's AC plug to a wall outlet.

CAUTION
Do not connect an adapter to earphone port.
- It may cause malfunction.

Battery Management.

The amount of battery power remaining will be displayed with an icon( ) in the upper part of the screen.
- Full ( )
- High ( )
- Low ( )

- Very low( ) : The I.C.E. PAD power will turn off within 10 minutes. Recharge the battery immediately. The warning message will appear one minute before the battery runs out and the unit shuts down. Save your data and recharge a battery with the AC adapter or the docking station of the refrigerator.

NOTE
Battery consumption increases in TV and Radio mode.

NOTE
- The battery is an expendable resource. If you repeatedly recharge and discharge it, the lifetime of the battery will be shortened.
- If the battery life becomes too short to use, it needs to be replaced.

Battery SAFETY WARNING SIGNS.

CAUTION

- **Use your battery for its intended purpose only.**
- **You must never use a battery that is damaged in any way or worn out.**
  - It may cause an explosion.
- **Do not drop the battery or subject them to physical shocks.**
  - It may cause a malfunction and/or fire risk.
- **Do not disassemble the battery pack.**
  - There are no user-serviceable parts inside it.
- **Do not open or puncture the battery.**
  - The released electrolyte is corrosive and may cause damage to the eyes and skin, and can be toxic if swallowed.
- **Do not heat-up the battery.**
  - It may cause an explosion.
- **Do not leave the battery in hot or cold places.**
  - It will reduce the capacity and life-time of the battery.
- **Keep the battery out of children's reach.**
- **Do not allow children or pets to put the battery in their mouth.**
- **Do not use the battery in direct sunlight or in high humidity areas. (such as a bathroom)**
- **Risk of explosion If battery is replaced by an incorrect type.**
- **Dispose of used battery according to the instruction.**

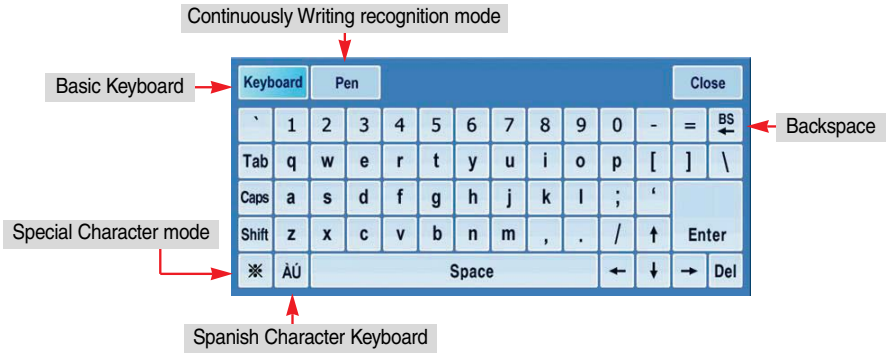
HOW TO USE VIRTUAL KEYBOARD

How to use the virtual keyboard.

You can use the on-screen keyboard to type in text on the screen.

NOTE

How to bring up the on-screen keyboard.
- Food Management function : Choose the "memo" button(Memo) or written your memo.
- Schedule function: The on-screen keyboard bring up automatically.
- Memo, Family Message function : Choose the keyboard button( ).



1 Basic screen keyboard

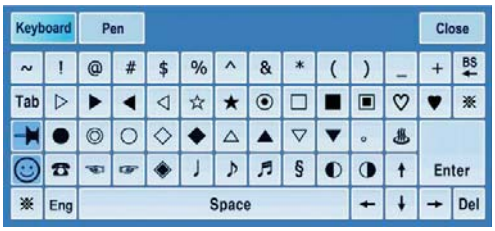
Basic screen keyboard

Screen keyboard with Spanish character " " key pressed

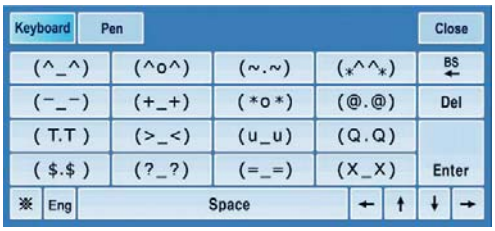
▶ Choose the " Shift " or " Caps " key.
- It will then change to lowercase character mode or uppercase character mode.

▶ Choose the " ÀÚ " or " Eng " key.
- It will then change to the Basic screen or Spanish character keyboard.

Screen keyboard with " " key pressed



Screen keyboard with " " key pressed



▶ Choose the " " key.
- It will then change to Special character mode.

▶ Choose the " " key.
- It will then change to Emoticon(emotion icon) mode.

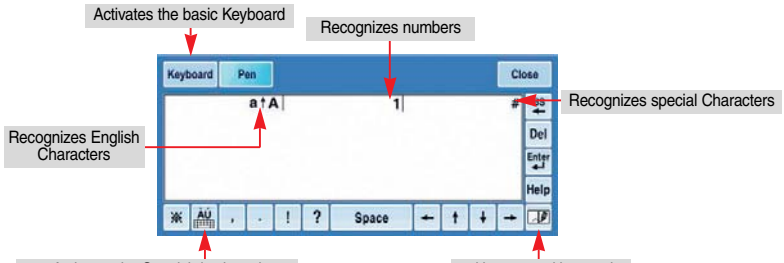
HOW TO USE VIRTUAL KEYBOARD

NOTE

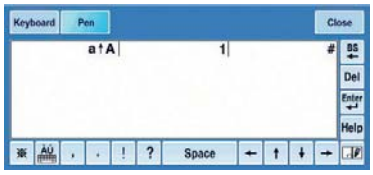
In order to continue special characters mode, choose "" key.

2 Handwriting mode

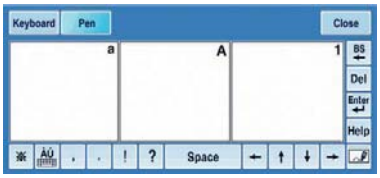
This enables you to handwrite text using the stylus pen.



Screen keyboard with "" key pressed



Screen keyboard with "" key pressed

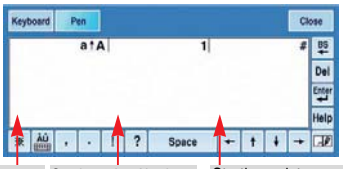


▶ Choose the "" or "" key.

- It will then change to continuous handwriting recognition mode or handwriting recognition mode.

1. Continuous handwriting recognition mode

Each section is separate from the next. Once you start writing, you can keep writing in character you choose unless you choose other sections.

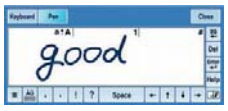


Starting point : English Characters

Starting point : Numbers

Starting point : Special Characters

▶ Example of continuous handwriting recognition mode



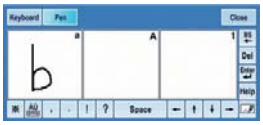
NOTE

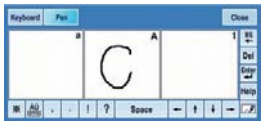
This mode can not recognize any characters unless you start writing at a designated pointer.

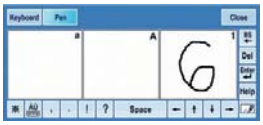
2. Handwriting recognition mode

This mode recognizes only a single character even if you write several characters.

▶ Example of handwriting recognition mode







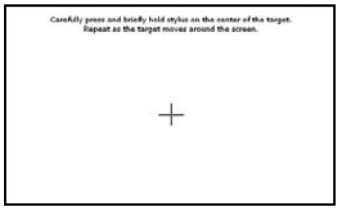
NOTE

If you write more than one character in section, this mode couldn't recognize it.
Though it recognize things you write, It could be something that is not you intend.

USER INTERFACE

How to control touch point.

This setting helps to calibrate the I.C.E. PAD for use with the Stylus Pen.



- Hold the stylus pen and press down lightly on the center of the "+" mark.
- Repeat as the '+" mark moves on the screen. (refer to screen)
- After finishing touch point setting, touch a screen within 30 seconds in order to apply setting.

NOTE

The Touch point setting will be run when you press the reset button, or you can select the "Touchpoint" calibration in the Settings function(refer to 51-How to calibrate touch point)

MAIN.

[Main screen]

▶ **Task Bar :** Indicates the present function, time, date( ), battery level( ), new family message( ) and today( ).

▶ **Food Management :** You can manage the food you have stored in the refrigerator.

▶ **Scheduler :** You can manage your daily schedule.

▶ **Memo :** You can save or check necessary memos.

▶ **Family Message :** You can leave text or voice messages for your family.

▶ **Settings :** You can set the brightness, power saving time, touch point, sound volume, alarm type and time setting.

▶ **Today icon :** This function offers you to see the food information, schedules and special days(Birthday, Party, Wedding and Anniversary) for the day.

▶ **New Family Message icon :** This icon indicates that there is new family message.

▶ **Home icon :** Press this icon to change to the main screen in each function.

NOTE

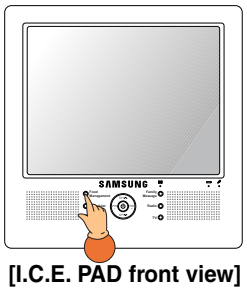
If the I.C.E. PAD is connected to an adapter or the refrigerator's docking station, the battery level icon( )changes to the plug icon( ).

USER INTERFACE

Food Management

This feature helps you to keep track of food in the fridge and its expiration date.

[Main screen]



[I.C.E. PAD front view]

[Saved food display mode]

[Select category mode]

[Create new mode]

[Monthly calendar]

How to enter a new food item

1. Choose the "Food Management" icon on the main screen or press the I.C.E. PAD's "Food Management" button.
   - It will then change to "Saved food display mode".

NOTE

- Food lists stored in a freezer are marked with an asterisk( ).
- Food lists that pass their expiration date are marked with yellow ( ).

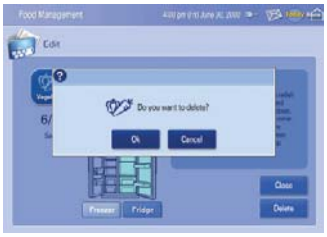
2. **[Saved food display mode]** Choose the "New" button( )located on the lower right.
   - It will then change to "Select category mode".
3. **[Select category mode]** Choose the desired food item.
   - It will then change to "Create new mode".
4. **[Create new mode]** Choose the "Memo" button(Memo), and then a cursor will blink.
   - Type food information using the screen keyboard.
5. **[Create new mode]** Choose the "D-Day" button(D-day), and then the monthly calendar will be displayed.
   - "D-Day" means the expiration date of food.
6. **[Monthly calendar]** Choose the desired date in the monthly calendar.
   (from January 1, 2000 to December 31, 2040).
   - You can change a year and month using the direction button( ).
7. **[Create new mode]** Choose the "Save" button(Save) after entering all the information or choose the "Cancel" button(Cancel) to cancel.
   - If you choose the "Save" button without entering a D-Day, today's date will be inputted automatically.

USER INTERFACE

[Edit mode]

2 How to change food item.

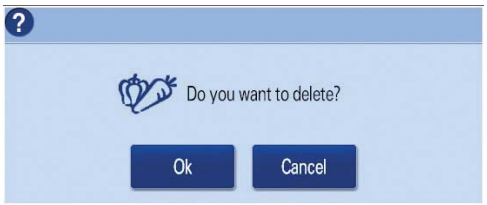
1. **[Saved food display mode]** Choose the window containing the food item you previously entered. This window is directly above the calendar window.
2. **[Edit mode]** Change the contents using the screen keyboard and calendar.
3. **[Edit mode]** After you change the contents, press the "Save" button(Save) to save the changes.
   - If you no longer want to make changes, press the "Cancel" button(Cancel).



[Edit mode-Delete message window)

3 How to delete food item.

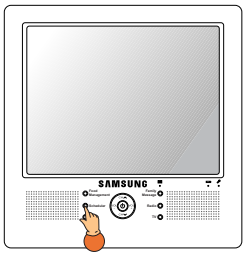
1. **[Saved food display mode]** Choose the window containing the food item you previously entered.
2. **[Edit mode]** Choose the "Delete" button(Delete) to delete.
   - The following message window will be displayed to confirm. Press "OK" to delete.



Scheduler

This feature can be used to help organize your personal schedule. It operates in a way similar to hand-held PDAs.

[Main screen]



[I.C.E. PAD front view]

[Monthly mode]

1 How to enter a new schedule.

1. Choose the "Scheduler" icon on the main screen or press the "Scheduler" button of the I.C.E. PAD.
   - It will then change to "Monthly mode".
2. **[Monthly mode]** Choose the desired date (from January 1, 2000 to December 31, 2040) to input a schedule.
   - It will then change to "Daily mode".

USER INTERFACE

[Daily mode]

[Input mode ①]

[Input mode ②]

3. **[Daily mode]** Choose the "New" button(New), and then it will change to "Input mode".
4. **[Input mode ①]** Type the content of your memo using the screen keyboard.

NOTE

If you choose the "Recent" button(Recent), you can see the contents that were input recently.

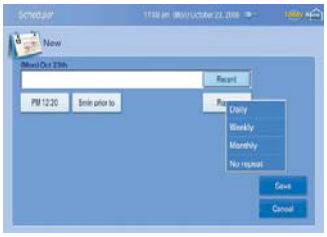
5. **[Input mode ②]** Press the "Set Time" button(Set Time) to set the time and alarm.
   - Choose AM or PM.
   - Press the hour and minute button to set, and a pop up window is displayed.
   - Choose the desired hour and minute.

[Input mode ③]

6. **[Input mode ③]** Press the "Set Alarm" button(Set Alarm). Choose the interval time between the alarms. (3hr prior to/1 hr prior to/30 min prior to/10 min prior to/5 min prior to/On time/No alarm)

NOTE

"Set Alarm" button is displayed only if time is set.



[Input mode ④]

7. **[Input mode ④]** Press the "Repeat" button(Repeat).
   - Choose the repetition period. (Daily/Weekly/Monthly/No repeat)

NOTE

- The default setting is "No repeat".
- If you choose the "Daily", the schedule is not shown in the monthly mode.

[Input mode ⑤]

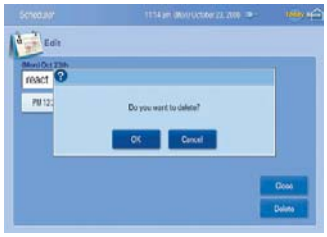
8. **[Input mode ⑤]** Choose “Save” after entering all the information or choose “Cancel”.
   - If you set up alarm, the alarm icon( )will be displayed in the daily mode's schedule title. (425 | 04:20 AM)

USER INTERFACE

[Edit mode]

2 How to change your schedule.

1. **[Daily mode]** Choose the desired schedule to change.
2. **[Edit mode]** Change the information using the screen keyboard.
   - To save changes, press the "Save" button(Save).
   - To cancel the changes, press the "Cancel" button(Cancel).



[Edit mode-Delete message window]

3 How to delete your schedule.

1. **[Daily mode]** Choose the desired schedule to delete.
2. **[Edit mode]** To delete a schedule, press "Delete" (Delete).
   - A message will automatically be displayed to confirm. Press "OK " to delete.

[Alarm message window]

4 Alarm message window.

- If it is alarm time, an alarm window appears with an alarm sound at the same time.
- In power saving mode, an alarm window appears at the same time that LCD screen is turned on.
- If you press the "OK" button, the window will disappear.

NOTE

- You can set the alarm sound setting in the Settings function menu (refer to page 52 - How to control the alarm volume and sound).

5 How to check your schedule.

[Monthly mode]

[Daily mode]

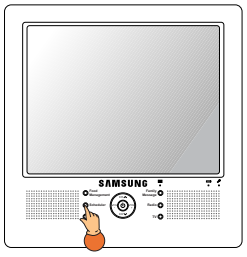
[Weekly mode]

1. **[Monthly mode]** Choose the desired date to check, and then it will change to "Daily mode".
2. **[Daily mode]** You can check schedules of the date chosen. Select the "Week" or "Month" button(Week Month) to change weekly or monthly mode.
3. **[Weekly mode]** Choose the desired date to check, and then it will change to "Daily mode". Press the direction button( ) to select the desired week.

USER INTERFACE

Special Day(Birthday, Party, Wedding and Anniversary)

[Main screen]



[I.C.E. PAD front view]

[Monthly mode]

1 How to enter new special day.

1. Choose the "Schedule" icon on the main screen or press the "Schedule" button on the I.C.E. PAD.
2. **[Monthly mode]** Choose the "Special day" button(Special Day), and then it will change to the "Saved special day mode".
   - Default screen will display a recently saved special day.

[Saved special day mode]

[Select category mode]

[Create new mode ①]

[Create new mode ②]

3. **[Saved special day mode]** Choose the "New" button(New), and then it will change to "Select category mode".
4. **[Select category mode]** Choose the desired special day item to input.
   - It will change to "Create new mode".
5. **[Create new mode ①]** Choose the "memo" button(Memo), and then a cursor will blink.
   - Type special day information using the screen keyboard.
6. **[Create new mode ②]** Choose the desired month and day using the navigation button( ).
   - You can also choose the desired year, month and day using the "Calendar" button( ).
7. **[Create new mode②]** Choose "Save" button(Save) after entering all the information.
   - If you press the "Save" button, the following message will pop up.

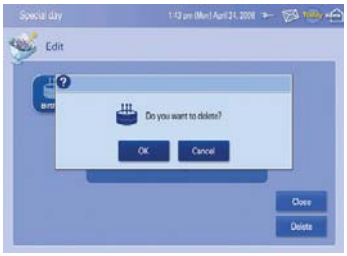
- To cancel, press "Cancel" (Cancel).

USER INTERFACE

[Edit mode]

2 How to change special day.

1. **[Saved special day mode]** Choose the desired special day to change.
2. **[Edit mode]** Change the information using the screen keyboard.
   - To save the changes, press the "Save" button(Save).
   - To cancel the changes, press the "Cancel" button(Cancel).



[Edit mode-Delete message window]

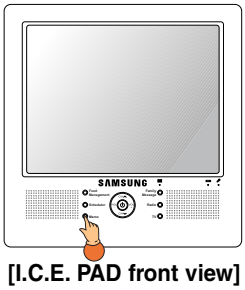
3 How to delete your special day.

1. **[Saved special day mode]** Choose the desired special day to delete.
   - It will then change to "Edit mode" with the original information.
2. **[Edit mode]** To delete a schedule, press the "Delete" button(Delete).
   - A confirmation message will automatically be displayed. Press "OK" to delete.

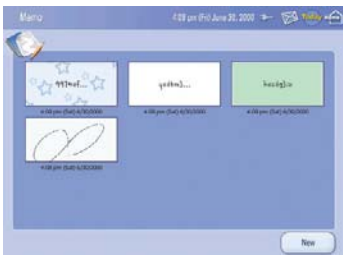
Memo.

This feature can be used to leave a memo for yourself or someone else.

[Main screen]



[I.C.E. PAD front view]



[Saved memo mode]

[Input memo]

1 How to leave a new memo.

1. Choose the "Memo" icon on the main screen or press the "Memo" button on the I.C.E. PAD.
2. **[Saved memo mode]** Choose the "New" button(New), and then it will change to "Input mode".
3. **[Input memo]** Enter the memo contents using the stylus pen or screen keyboard.

NOTE

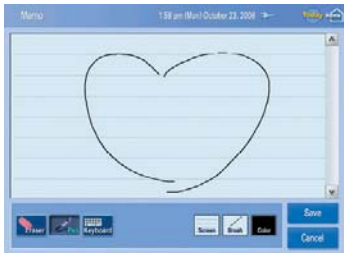
There are two methods to input your memo.
- Pen mode : Select the "Pen" button( ) to write your memo with stylus pen.
- Keyboard mode : Select the "Keyboard" button( ) to type your memo with screen keyboard.

USER INTERFACE

4. **[Input memo]** Press the "Screen", "Brush" and "Color" button, and then pop up window is displayed. Choose the desired background, pen thickness and pen color.

- Eraser( ) : Select to erase the inputted memo in pen mode.
- Pen( ) : Select to input a memo in pen mode.
- Keyboard( ) : Select to input a memo in keyboard mode.
- Screen( ) : Select the memo background.
- Brush( ) : Select pen thickness.
- Color( ) : Select pen color.
- All Eraser( ) : Select to erase all the memo contents in pen mode.

5. **[Input mode]** Choose "Save"( ) after entering all the information or choose "Cancel" ( ).
   - If you press "Save", the following message will pop up.



[Edit mode]

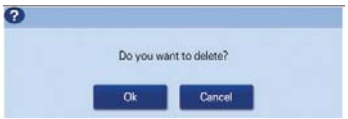
2 How to change memo.

1. **[Saved memo mode]** Choose the desired memo to change.
2. **[Edit mode]** Change the information using the screen keyboard or stylus pen.
   - To save the changes, press "Save" ( ).
   - To cancel the changes, press "Cancel" ( ).

[Edit mode-Delete message window]

3 How to delete memo.

1. **[Saved special day mode]** Choose the desired memo to delete.
2. **[Edit mode]** Choose the “Delete” button( ).
   - The following message will appear to confirm.
   - Press “OK” to delete.

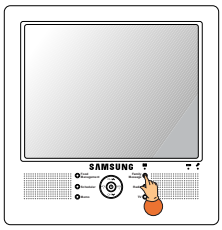


USER INTERFACE

Family Message.

This mode enables you to leave a voice or text message for your family members or roomates.

[Main screen]



[I.C.E. PAD front view]

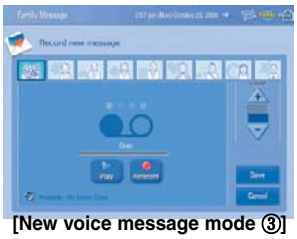
[Saved family message mode]

1 How to leave a new voice message.

1. Choose the "Family Message" icon on the main screen or press the "Family Message" button on the I.C.E. PAD.
   - Default screen will display recent saved family messages.
2. **[Saved family message mode]** Choose the "Record" button (Record).
   - It will then change to "New voice message mode".

[New voice message mode ①]

[New voice message mode ②]



[New voice message mode ③]

NOTE

The illustrations below represent different members of your family.

Family | Grand Mother | Grand Father | Mother | Father | Older Sister | Older Brother | Younger Sister | Younger Brother

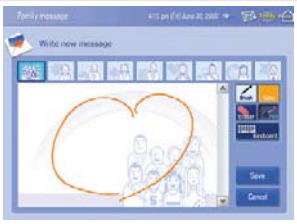
3. **[New voice message mode ①]** Choose the person that you want to receive the voice message and press the "Start" button(Start) to record.
4. **[New voice message mode ②]** If you want to finish recording, press the "Done" button(Done).
   - Press "Rerecord" to re-record(Rerecord).
   - Press "Play" (Play)to confirm the content that recorded.
5. **[New voice message mode ②]** If you choose "Pause" button(Pause), recording will be paused.
   - Press "Continue" (Continue) to continue recording, and then recording is continued after pause.
6. **[New voice message mode ③]** Press the "Save" button (Save) to save.
   - Press the "Cancel" button (Cancel) to cancel.
   - Control the volume using the volume button (+ / -).

NOTE

The message icon(✉) is displayed in task bar to indicate that there is the new family message. When you record, stand close to the microphone.

[Saved family message mode]

[Input mode ①]



[Input mode ②]

USER INTERFACE

2 How to leave new text message.

1. **[Saved family message mode]** Choose the "Write" button ( ), and then it will change to "Input mode".
2. **[Input mode ①]** Choose the person that you want to receive the text message. Enter the text message using the stylus pen or screen keyboard.

NOTE

There are two methods to input your text message.
- Pen mode : Select the "Pen" button ( ) to write your text message with the stylus pen.
- Keyboard mode : Select the "Keyboard" button ( ) to type your text message with screen keyboard.

- Brush ( ) : Select pen thickness. If you choose the "Eraser" button( ), "Brush" button( ) will be changed to "Eraser" button( ).
- Color ( ) : Select pen color.
- Eraser ( ) : Select to erase Inputted message in pen mode.
- Pen ( ) : Select to input message in pen mode.
- keyboard ( ) : Select to input message in keyboard mode.

3. **[Input mode ②]** Choose "Save" ( ) after entering text message. To cancel, choose "Cancel" ( ).

NOTE

A message icon ( ) is displayed in the task bar to indicate that there is a new family message.

[Saved family message mode]

[Voice message]

[Text message]

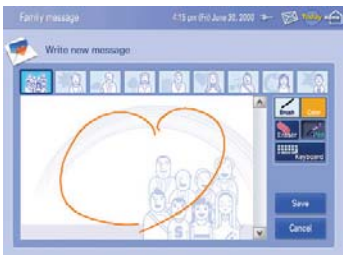
3 How to check text or voice messages.

1. **[Saved family message mode]** Choose the desired family message in the family message list.

NOTE

The new message box is highlighted.

2. **[Voice/Text message]** Press the "Play" button ( ) to Open or Play Message.
   - Press the "Reply" button ( ) to reply.
   - Press the "Delete" button ( ) to delete.



[Input mode]

4 How to change text message.

1. **[Saved family message mode]** Choose the desired message to change.
2. **[Input mode]** Change the text message in the same way as inputting a new message.
   - After changing your text message, press "Save" or "Cancel".

USER INTERFACE

Setting.

Screen

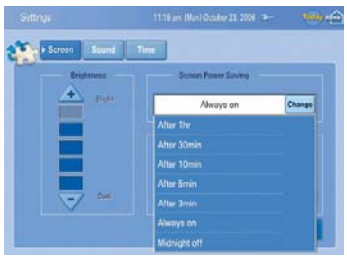
- This menu displays the I.C.E. PAD user screen properties including brightness, touch point settings and power saving time settings.

[Main screen]

[Setting-Screen mode]

1 How to control screen brightness

1. Choose the "Settings" icon on the main screen, and then it will change to Screen.
2. Control the screen brightness using the " + − " button.
   - To apply your new settings, press "Apply" button(Apply).



2 How to set power saving time.

- In this mode, you can set a time for the screen to shut off after the last button press. This helps to save power.

1. Press the "Change" button (Change), and then a pop up window is displayed.
2. Choose the desired time. (After 1hr, After 30min, After 10min, After 5min, After 3min, Always on, Midnight off)
   - The default setting is always on.
3. To apply your new settings, press "Apply" button (Apply).

NOTE

- Power saving mode : The I.C.E. PAD screen turns off, but the I.C.E. PAD remains on.
- If you choose midnight off mode, the I.C.E. PAD screen turns off from 1:00 to 5:00AM.

[Touch point reset mode]

3 How to calibrate the touch point

- This function can be used to calibrate the stylus pen touch point to improve usability with the Touch screen.

1. Press the "Touchpoint" button (Touchpoint), and then a screen will appear with pointer instructions on the top.
2. Hold the pen softly and press down lightly on the center of the "+"mark. Repeat as the "+" mark moves on the screen.
3. To save the new calibration data, touch the LCD screen within 30 seconds.
   - To keep the current setting, wait for 30 seconds.

USER INTERFACE

Sound

- This menu enables you to set the I.C.E. PAD's sound properties including key volume, alarm volume and alarm sound settings.

[Setting-Screen mode]

[Setting-Sound mode]

1 How to set the key volume.

1. Choose the "Sound" tab (Sound) to bring up the sound mode.
2. Set the key volume using the button.
   - To apply your new settings, press "Apply" button (Apply).

NOTE

- Key sound is heard when a button is pressed or a message window or menu list appears.

2 How to control the alarm volume and sound.

1. Control the alarm volume by using the button.
2. Choose the alarm sound by using the button.
   - The alarm sound settings are comprised of morning, peace, summer, winter, bell, dingdong, melody, footstep, and no alarm.
3. To apply your new settings, press "Apply" button (Apply).

Time

- This menu displays the I.C.E. PAD user's time and date settings.

[Setting-Screen mode]

[Setting-Time mode]

1 How to change time.

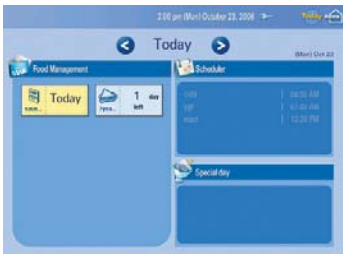
1. Choose the "Time" tab (Time) to bring up the Time mode.
2. Choose the desired month, day, year, hour, minute and AM/PM by using the ( )button.
   - You can set the desired month, day and year using "Calendar" ( ) also.
3. To apply your new settings, press "Apply" button (Apply).

USER INTERFACE

Today.

- This menu displays food management, schedule and special day.

[Main screen]



[Today mode]

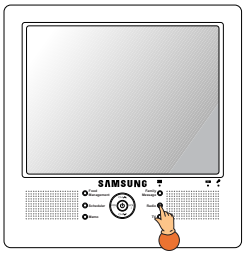
How to use today.

1. Choose the "Today" button ( ) in the upper right corner of the screen to bring up the Today mode.
2. You can check the food management, schedule and special day settings for today.
   - Check yesterday's or tomorrow's content using the direction " "button.

NOTE

- Food management shows the list of foods with an expiration date within the next seven days.
- Special day shows special day list for the next seven days.

Radio



[I.C.E. PAD front view]

[Radio mode]

How to listen to the radio.

1. Press the "Radio" button on the I.C.E. PAD to bring up the "Radio mode".
2. Select AM or FM using the " " or " " button.
3. Search for a Frequency using the " " button or the CH∧/CH∨ button on the I.C.E. PAD.

- Manual Search : Press the " " buttons to change the frequency up or down. The frequency is adjusted in increments 0.1MHz.
- Automatic Search : Press and hold the " " or CH∧/CH∨ buttons to automatically search for receiving frequencies.

4. Press a "Preset" button ( ), and then the current frequency is added to preset.
5. Control the volume using the " " button or VOL - / VOL + button on the I.C.E. PAD.

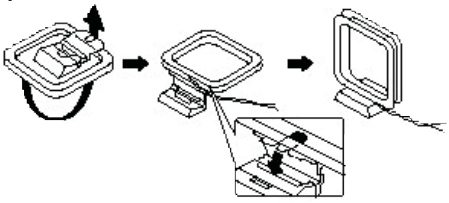
NOTE

- To listen to the radio, you have to turn on the Transmitter and connect the AM/FM antenna cable(supplied) to the AM/FM port of the Transmitter.

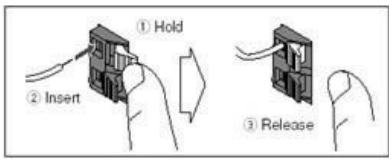
USER INTERFACE

2 How to connect the AM Antenna.

- **The AM antenna can be :**
  - Placed on a stable surface.
  - Fixed to the wall/base/floor, etc. (you must first remove/clean the base)
- **To assemble the AM loop antenna.**

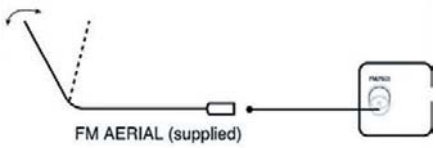


- **To connect the AM loop antenna cords.**
  - Connect black cord to the black terminal, and the white cord to the white terminal.

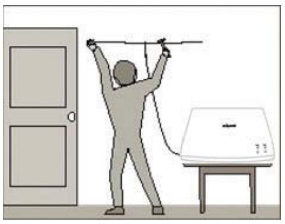


- **To avoid noise interference.**
  - Check that electronic equipment and DC adapter do not run close to the antenna wires. Always keep them at least 20 inches (50cm) away.

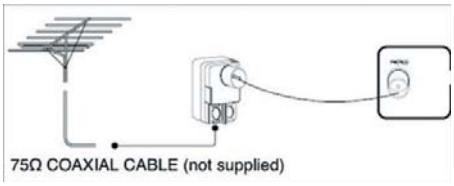
3 How to connect the FM Antenna.



- Connect a 75(Ω) antenna to the FM antenna terminal.
- Plug the connector on the FM antenna supplied into the coaxial socket (75 Ω) marked FM on the rear of the system.
- Follow the instructions to tune into a radio station, and determine the best position for the antenna.



1. Extend the FM antenna.
2. Fasten it up in the position which gives you the best reception, then fix it on the wall, etc.
   - If reception is poor, you may need to install an outdoor antenna. To do so, connect an outdoor FM antenna to the FM socket on the rear of the system using a 75Ω coaxial cable(not supplied).



4 How to improve the Radio reception.

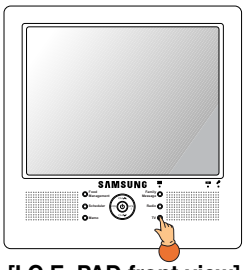
- **You can improve the quality of radio reception by :**
  - Spread the AM/FM antenna out and attach the ends to a wall, in the position providing the best reception.
  - If reception is poor (e.g. distance from transmitter too close, walls blocking the radio waves, etc.), install an outdoor antenna.

NOTE

- AM/FM Radio reception quality will depend on your location and the broadcast conditions.

USER INTERFACE

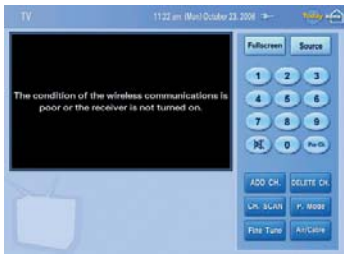
TV.



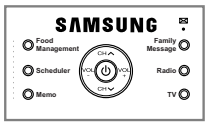
[I.C.E. PAD front view]

1 How to watch TV.

1. Press the "TV" button on the I.C.E. PAD, and then the default TV mode will be shown.
2. In the default TV mode, a small TV screen and TV control section will be displayed. The TV control section offers basic TV functions including channel control, input selection, picture control and sound control.
3. If you press the small TV screen, the full TV screen will be displayed. Press the screen again to return to the small screen.
4. Control the volume and channel using the "VOL- / VOL+" and "CH∧/ CH∨" button on the I.C.E. PAD.



[TV mode]



CAUTION As the electromagnetic wave, the user should be using the distance over the 7.9 inches(20cm) between the user and the transmitter.

TV Function Buttons

- **ADD CH. (ADD CH.) :** Use to store channels to memory.
- **DELETE CH. (DELETE CH.) :** Use to delete channels from memory.
- **CH. SCAN (CH. SCAN) :** Press to automatically store selected Air/Cable channels.
  - To cancel channel scanning, press the "CH. SCAN" button during channel scanning.

NOTE If the wireless communication condition is poor, channel scanning will stop automatically.

- **P. Mode (P. Mode) :** Select the type of picture using this button.
  - Press this button repeatedly to select the desired picture mode (Dynamic, Standard, Movie, Custom).
  - Choose "Dynamic" for viewing the TV during the day or when there is a bright light in the room.
  - Choose "Standard" for the standard factory settings.
  - Choose "Movie" when viewing a movie.
  - Choose "Custom" if you want to adjust the settings according to personal preference.
- **Fine Tune (Fine Tune) :** Select to manually adjust a particular channel for optimal reception conditions.
- **Air/Cable (Air/Cable) :** Press repeatedly to select "AIR" or "CABLE".
- **MUTE ( ) :** Select to temporarily cut off the sound.
- **Pre-Ch (Pre-Ch) :** Use to select the previous channel.
- **Source (Source) :** Press to select a signal source.
  - When you connect equipment to the Transmitter, you can choose between the following modes : TV, External Input 1 and External Input 2 (refer to page 56).
- **Fullscreen(Fullscreen) :** Press to change to the full TV screen.

USER INTERFACE

NOTE

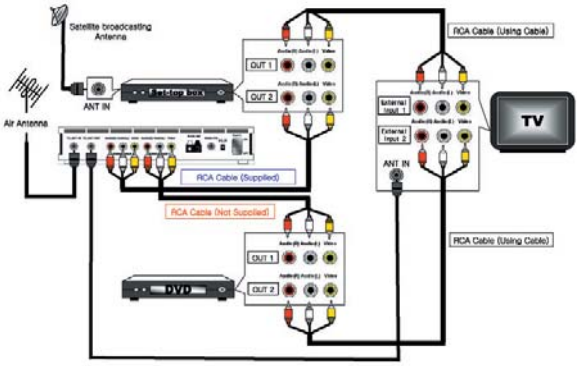
- To watch TV, you have to turn on the Transmitter and connect the TV antenna cable(supplied) to the ANT_IN port of the Transmitter and the other end to an Antenna/Cable TV.
- If the TV cable is connected through external equipment (such as a set-top box), you cannot change channels. In this situation, change channels with the external equipment's remote control.
- If the wireless communication condition is poor or the transmitter power is off, the following message will be displayed on the TV screen.

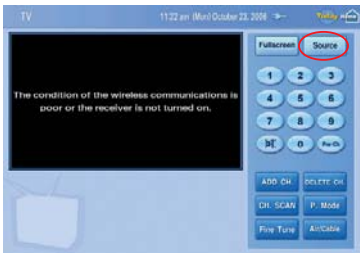
The condition of the wireless communications is poor or the receiver is not turned on.

- When the tv signal is weak and noisy, sometimes a black screen will appear. If this occurs, please fine tune the channels or run Ch. scan again.

2 How to watch external device (DVD, VCR...).

1. Connect the A/V cables between the external1 or external2 input jacks on the Transmitter and AUDIO/VIDEO output jacks on the DVD/VCR.
2. Turn on the Transmitter power.
3. Turn on the DVD/VCR power and press play.
4. Press the TV button on the front of the I.C.E. PAD.
5. Press "Source" (Source) located on the upper right of the TV mode display.
   - If you connected A/V cable from an external source to the external1 jack, select external1 using the Source button.

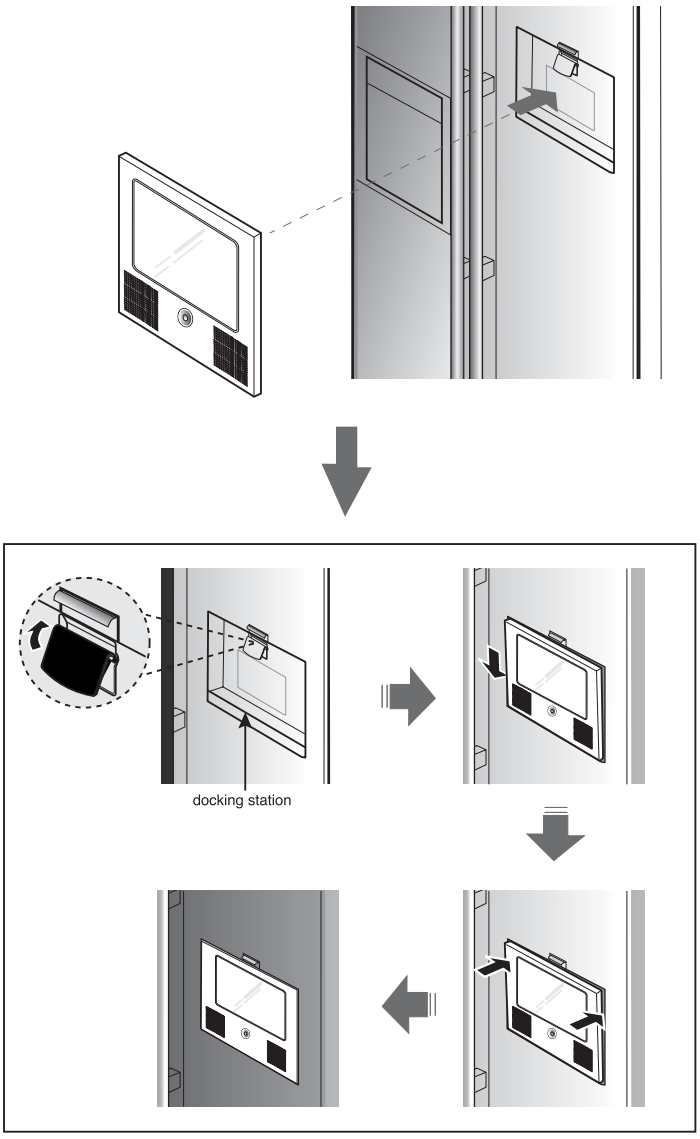




NOTE

- If the TV cable is connected through external equipment (such as a set-top box), you cannot change channels.
  In this situation, change channels with the external equipment's remote control.
- The I.C.E. PAD passed the SAR(Specific Absorption Rate) requirement of the FCC.

HOW TO INSERT THE I.C.E. PAD IN THE DOCKING STATION OF THE REFRIGERATOR



CAUTION	When you put I.C.E. PAD in the docking station of the refrigerator, make sure the I.C.E. PAD screen faces front.
	Do not drop the I.C.E. PAD. It may cause malfunction and personal injury.
	After extensive use,the surface of the I.C.E pad may be hot. Be careful when touching the I.C.E pad and when detaching it from the docking station or AC adapter.

TROUBLESHOOTING

When the following message is displayed.
"Battery is low. Please connect external power supply."

- Save your data and recharge the battery with the AC adapter or the docking station of the refrigerator.

When the following message is displayed.
"Memory is full. you cannot record any more."

- Delete unnecessary voice messages from family message lists, and then retry recording.

When Radio and TV functions do not work.

- Make sure the Transmitter power is turned on.
- Make sure A/V cables, TV cable and AM/FM antenna cables are connected on the Transmitter correctly.

When the I.C.E. PAD functions do not work.

- Press the I.C.E. PAD power button for about three seconds to shut down the I.C.E. PAD, and then press the power button to restart the system.

When the I.C.E. PAD turns off automatically.

- Make sure power saving mode is set up.
- If ambient temperature of the I.C.E. PAD rises abnormally, the I.C.E. PAD's power turns off automatically to prevent it from overheating. Once the temperature of the I.C.E. PAD returns to normal, you can turn the unit back on.

There is noise on FM/AM broadcasts.

- Check the antenna is connected to the correct port.
- Install a FM/AM outdoor antenna in a direction with good reception sensitivity.

TV function,When TV image do not display. (TV audio is normal.)

- Change the chnnel, and then return to the previous channel, TV function will be displayed normal.
- If TV function isn't normal, turn off the I.C.E.PAD and Transmitter.And then, execute the TV function after turn on the I.C.E.PAD and Transmitter.

SAMSUNG REFRIGERATOR
(SAMSUNG I.C.E. PAD REFRIGERATOR)

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by Samsung Electronics America, Inc. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

One (1) Year Parts and Labor on Refrigerator and I.C.E. PAD
Five (5) Years Parts and Labor on Sealed Refrigeration System Only*
(*Compressor, evaporator, condenser, drier, connecting tubing)

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the United States. To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center.

SAMSUNG will repair or replace any part found to be defective, at our option and at no charge as stipulated herein, with new or reconditioned parts during the limited warranty period specified above. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

In-home service will be provided during the warranty labor period subject to availability within the contiguous United States. In-home service is not available in all areas. To receive in-home service, the product must be unobstructed and accessible from floor level to service personnel. If during in-home service repair cannot be completed, it may be necessary to remove, repair and return the product. If in-home service is unavailable, SAMSUNG may elect, at our option, to provide for transportation of our choice to and from a SAMSUNG authorized service center. Otherwise, transportation to and from the SAMSUNG authorized service center is the responsibility of the purchaser.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product, and shall not apply to the following, including, but not limited to: damage which occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning or other acts of nature; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external plumbing and leaks, external wiring, circuit breakers, fuses or connectors not supplied and authorized by SAMSUNG, or which damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, cleaning, maintenance and environmental instructions that are covered and prescribed in the instruction book; loss of food due to spoilage; consumable items including filters and light bulbs.

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To obtain warranty service, please contact SAMSUNG at:

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If you have any questions or comments relating to Samsung products,
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