

TABLE OF CONTENTS

BATTERY INSTALLATION

This system requires the installation of a standard 9-volt battery (not included). The system will not function as intended, without the battery being installed. Please locate the battery holder as described in the following illustrations. Remove cover(S), hook up the connector, slide battery and excess wire into the compartment and replace covers.

TX FCC ID: ABMELU81A

Note: The user interface (Control Panel) and receiver(Freezer Mate) have 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.

Changes or modifications to the transmitter or receiver not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Figure: Battery Installation for Upright Style Freezer.

Figure: Battery Installation for Chest Type Freezer



Figure: User Interface (Control Panel).

TEMPERATURE CONTROL

TEMPERATURE SETTING:

The desired temperature inside the freezer can be set using the UP (▲) and DOWN (▼) buttons on the user interface, located on the door of the freezer. Press either the UP or DOWN buttons once to display the current setting. You may now use the UP and DOWN buttons to change the temperature setting to one which suits your needs. The range of settings is -10°F to 10°F (-24°C to -12°C) (See figure 1 and 2). The display will return to showing the temperature of the cabinet after five seconds of inactivity. You may also turn off the freezer by pressing the UP button when at temperature setting 10°F (-12°C). The display will read “OFF” (figure 3). The freezer will not cool anything while it is on “OFF” position.

Temperature Mode Change:

Temperature display can be changed from °F to °C to °F by pressing the ALARM RESET and DOWN arrow simultaneously until it beeps. The display will change to the other mode.

Note: The door light will continue to operate. The freezer also still has electrical power and so should be disconnected from the outlet before being cleaned or moved.



Figure: 1



Figure: 2



Figure: 3

QUICK FREEZE:

Quick Freeze enables the compressor to run continuously to help cool large quantities of warm (**room temperature**) foods faster. Always cool down hot foods to room temperature before placing it in the freezer. Use this feature just prior to adding large quantities of unfrozen

foods (**not to exceed 3 pounds per cubic foot of freezer space**). To activate the Quick Freeze feature, push the QUICK FREEZE button. The buzzer will beep once and the display will now read “FF” (Figure 4), indicating that Quick Freeze has begun. For your convenience, Quick Freeze will automatically turn off after a period of 72 hours and the freezer will return to the previous temperature setting. You may deactivate Quick Freeze at any time by pressing the QUICK FREEZE button. The display will return to showing the current temperature inside the freezer and the buzzer will beep once.



Figure: 4

DISPLAY LOCKOUT:

Press and hold the ALARM RESET key until the buzzer beeps to activate or deactivate the Display Lockout feature which prevents the user from accidentally changing the temperature and quick freeze settings. The buzzer beeps and “LOC” (Stands for LOCK, See figure 5) will be displayed for 3 seconds indicating that it is locked. Once in lockout when a key is pressed, the “LOC” will be displayed for 3 seconds. When the lockout is deactivated, “UL” (Stands for UNLOCK, See figure 6) will be displayed for 1 second.



Figure: 5



Figure: 6

ALARM FUNCTIONS

TEMPERATURE ALARM:

If the cabinet temperature rises to a level above 23°F (-5°C), a high temperature alarm will be activated. The buzzer will beep every 5 seconds, the red alarm light will glow and the display will flash. **This will continue till the problem is determined, corrected and temperature once again drops to a level below 23°F (-5°C).** You may stop the buzzer by pressing the ALARM RESET button. To also stop the display from flashing press the ALARM

RESET button again. Temperature Alarm will reactivate itself upon reaching a safe temperature.

DOOR / LID AJAR ALARM:

The door/lid alarm will activate if it is ajar for more than five minutes. The buzzer will beep every five seconds, the red alarm light will glow and the display will alternate between “d” (Stands for Door/Lid, See figure 7) and the cabinet temperature. Press the ALARM RESET button to turn the buzzer off. The display will keep flashing and the red light will stay on. Close the door/lid of the freezer to return it to normal operation.



Figure: 7

LOW / NO BATTERY ALARM:

The Low/No battery alarm will activate when the power level of the battery becomes low. The display will alternate between “b” (Stands for Battery, See figure 8) and the cabinet temperature, the red alarm light will become illuminated and the buzzer will beep every five seconds. To stop the buzzer, press the “ALARM RESET” button. The red alarm light will remain on and the display will continue to flash until a new battery is installed. This same alarm will activate if there is no battery installed.



Figure: 8

POWER FAILURE:

If power to the freezer is lost, the power loss alarm will activate. The display will be off but the buzzer will beep every ten seconds (See figure 9). To turn the buzzer off, press the “ALARM RESET” button. The buzzer will also turn off automatically when power is reconnected to the freezer. The temperature alarm will activate if the temperature of the cabinet rises to a level above 23°F during power failure. The red alarm light however will not illuminate.



Figure: 9

SYSTEM ERROR ALARM:

The display will alternate between temperature and “CE” (figure 10 & 11) or “E”. Call service repair to correct the problem.



Figure: 10



Figure: 11

ALARM FUNCTION TABLE:

Note: Except during power loss, the red alarm light is illuminated whenever there is an alarm status.

Display Status	Function	Response
Cabinet temperature is displayed.	Normal Operation	None
“FF” is displayed.	Quick Freeze	None
Temperature flashing on and off. Buzzer beeps every 5 seconds.	Freezer temp. too high	Check power is connected. Contact service technician. Press ALARM RESET to shut off buzzer.
Alternating; “b” and temperature. Buzzer beeps every 5 seconds.	Low/no battery	Replace 9V battery. Press ALARM RESET to stop buzzer.
Alternating; “d” and temperature. Buzzer beeps every 5 seconds.	Door ajar	Close door. Press ALARM RESET to stop buzzer.
Alternating; “E” and temperature. Buzzer beeps every 5 seconds.	Operational error	Contact service technician.
Alternating “CE” and temperature. Buzzer beeps every 5 seconds.	Operational error	Contact service technician.
Display off. Buzzer beeps	Power failure	Reconnect power

every 10 seconds.		connection. Press ALARM RESET to stop buzzer.
-------------------	--	--

FREEZER MATE

FREEZER MATE is a monitoring device for your freezer. FREEZER MATE is able to receive freezer status information wirelessly from your freezer. Contact your Sears sales representative for more information on this new and exciting device.

Figure: FREEZERMATE Front View

BATTERY INSTALLATION

This system requires the installation of two standard AA size batteries (not included). To install the batteries, remove the battery cover on the back of the device, install the batteries and put the cover back on.

Note: Always use new batteries. Do not mix new battery with old battery. Old battery can leak chemicals that can destroy the unit.

! Warning: Please follow the proper procedure to dispose of old batteries.

ICONS:

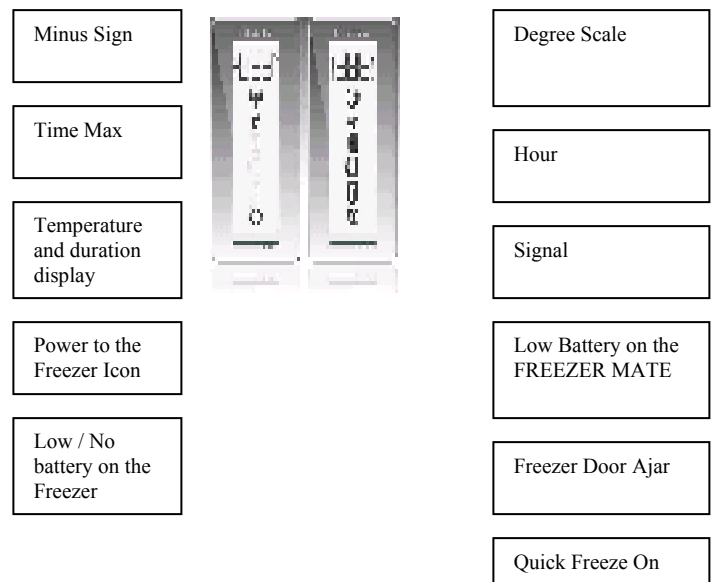


Figure: FREEZERMATE Back View

PAIRING WITH YOUR FREEZER

Pairing verifies that the FREEZER MATE is receiving signals from the desired freezer. If you have more than one freezer transmitting at the same time, this procedure insures that the communication link is limited to the desired freezer. Please follow the procedures below while standing in the close proximity of the desired freezer.

1. Remove the 9 volt battery from the freezer.
2. Reinstall the batteries in the FREEZER MATE.
3. Within one minute, the FREEZER MATE should be communicating. A steady on signal icon, current temperature and blinking lo/no freezer battery icon will be displayed. Once the icons described above are displayed, the FREEZER MATE setup is complete. The FREEZER MATE will not communicate with any other freezer. You

can change the temperature setting or select quick freeze on the freezer to further verify communication.

4. If you are not receiving the right signal, press and hold the RESET button for five seconds. The FREEZER MATE will beep and display the assigned number for the freezer. Now press the C/F button located on the back of the FREEZER MATE to release the current pairing. It will automatically try to pair with the next freezer it receives a signal from. Repeat the procedure until you pair with the correct freezer.

5. If you are still having problems pairing with the correct freezer, unplug your freezer from the power outlet for a few seconds, plug it back on and repeat the above tasks.

SELECTING A LOCATION

Choose location for the Freezer and the FREEZER MATE within 70 to 100 feet of each other. For example, place your freezer in the garage or basement and the FREEZER MATE in the kitchen. The construction of the building might affect the transmission range. Try not to have a concrete or metal structure in the direct path of those two units. Since the location of the freezer is somewhat stationary, please try several locations for the FREEZER MATE to determine the best location. If the communication link is lost, the signal icon will blink within 3 minutes.

MODE OF OPERATION

Temperature display can be changed from °F to °C to °F by pressing the C/F button located on the back of the AidPad. Use a pointy object such as tooth pick or a paper clip to activate the button.

QUICK FREEZE:

The quick freeze icon stays on while the freezer is in quick freeze.

ALARM FUNCTIONS

TEMPERATURE ALARM:

If the freezer temperature reaches over 23°F (-5°C) and the condition exists for more than an hour, the FREEZER MATE will activate the temperature alarm. The display will alternate between the current temperature and the duration of the condition and the buzzer will beep. Press the RESET button to stop the buzzer but the display will continue to flash until the problem at the freezer is identified, corrected and the temperature drops below 23°F (-5°C). If the temperature condition is caused by power lost to the freezer or door ajar, the corresponding icon will blink also.

SIGNAL LOST ALARM:

The Signal Icon will blink to indicate that the FREEZER MATE is not communicating with the freezer. Check for metal or concrete obstacle between the freezer and the FREEZER MATE. Relocate the FREEZER MATE to a suitable location where it receives signal again and the Signal icon stops blinking.

POWER LOST ALARM:

If the freezer loses power, the freezer power icon will blink and the buzzer will beep. Press the reset to stop the buzzer but the icon will continue to blink until the power is restored to the freezer. Reconnect your freezer to the power to resolve the alarm condition.

LOW BATTERY ALARM ON FREEZER MATE:

If the battery on the FREEZER MATE is low on power, the FREEZER MATE low battery icon will flash. Replace the batteries (follow the battery installation instructions) on the FREEZER MATE and follow the pairing procedure for normal operation.

LOW BATTERY ON THE FREEZER ALARM:

If the battery on the freezer is low on power, the freezer low battery icon will flash and the buzzer will beep. Press the RESET button to stop the buzzer but the icon will continue to flash until the problem is resolved. Replace the 9 volt battery on the freezer to resolve the problem.

GOOD HOUSEKEEPING PROCEDURE:

Always place the FREEZER MATE in dry and cool place. Do not drop the unit. Do not submerge the unit under water or any liquid. Do not modify or tamper with the electronics. Modifying or tampering with the internal circuitry will invalidate the FCC authorization to operate it. If the unit is not operating properly, return it to store you bought the unit from.