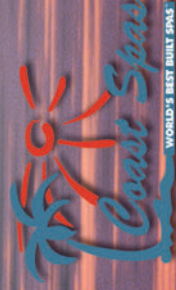


# IRFMT COAST SPAS

## USER'S MANUAL



## TABLE OF CONTENTS

|                              |    |
|------------------------------|----|
| <b>GENERAL</b>               |    |
| • Introduction               | 5  |
| • Remote Keys                | 6  |
| <b>DEVICE SELECTION</b>      |    |
| • Main Modes                 | 7  |
| • Spa Mode                   | 7  |
| • TV Mode                    | 7  |
| • Compact Disc/Radio         | 7  |
| • DVD/Video Mode             | 7  |
| <b>STATUS MONITOR WINDOW</b> |    |
| • Reception Bar              | 9  |
| • Status LED                 | 9  |
| <b>SPA MODE</b>              |    |
| • Starting Pump 1            | 11 |
| • Starting Pump 2            | 12 |
| • Turning Light On           | 13 |
| • Quiet Mode                 | 14 |
| <b>SPA SETUP MENU</b>        |    |
| • Setting Time               | 15 |

## TABLE OF CONTENTS (CON'T.)

|                     |    |
|---------------------|----|
| • Set Point         | 16 |
| • Temperature Units | 16 |
| • Filter Cycle      | 17 |
| • Economy Cycle     | 19 |
| • Lock/Unlock       | 21 |
| • Service Message   | 22 |

### RADIO/CD MODE

|              |    |
|--------------|----|
| • On/Source  | 23 |
| • Volume +/- | 23 |
| • AM/FM      | 23 |
| • Seek/Skip  | 23 |

### DVD/VIDEO MODE

|                      |        |
|----------------------|--------|
| • Power On           | 25     |
| • Play/Stop          | 25, 27 |
| • Pause              | 25, 27 |
| • Volume +/-         | 25     |
| • Menu               | 26     |
| • Language           | 26     |
| • Subtitles          | 26     |
| • Navigation Icon    | 27     |
| • Skip Previous/Next | 27     |
| • Zoom               | 27     |

TABLE OF CONTENTS (CON'T.)

|           |    |
|-----------|----|
| • Rewind  | 27 |
| • Forward | 27 |

TV MODE

|                    |    |
|--------------------|----|
| • Power On         | 29 |
| • Channels Up/Down | 29 |
| • Volume           | 29 |
| • TV Input Options | 30 |

REMOTE SETUP MODE

|                       |    |
|-----------------------|----|
| • Language            | 31 |
| • Display setup       | 33 |
| • Backlight           | 34 |
| • Auto-Off mode       | 35 |
| • Sleep mode          | 36 |
| • Replacing batteries | 37 |

HIERARCHY

|  |    |
|--|----|
|  | 39 |
|--|----|





Congratulations! You own the industry's best remote control. Your control is waterproof and designed to provide hours and hours of trouble-free usage.

For best results, please remove the control from the water when the spa is not in use. Prolonged exposure to the hot water in your spa may create humidity built-up inside your control. This will not affect the operation of the remote but it may alter its appearance.

Please read the instructions provided in this manual carefully to ensure optimal use of your IRFMT-I remote control.

**The IRFMT-I can control the following devices:**

- Spa
- Audio equipment (CD, Tuner)
- Video equipment (TV, VCR and DVD)

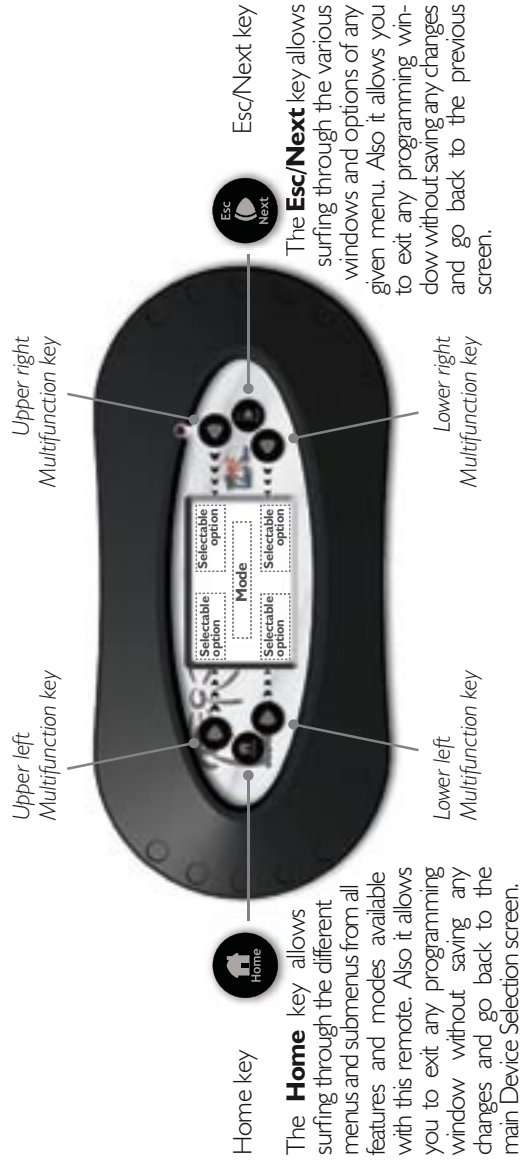
**The IRFMT-I features the following:**

- Multifunction device keys
- Spa status monitoring from inside your home
- Data transmission up to 15 feet (must align remote in front of spa receiver)
- Data reception up to 150 feet (distance may vary depending on obstacles such as walls, etc. Should this happen, try a different and more favorable location)
- Ergonomic design
- Floatable
- Totally sealed
- 3 "AAA" batteries in watertight compartment (remote control retains values even after having replaced the batteries)

## Remote keys

Multifunction keys

Each of these four keys helps you to select and/or execute the indicated function (pointed by the arrows) displayed on the screen in any given window. In this way, the task performed by a given multifunction key will vary depending on the menu or window.



Note: On some models, the **Home** key may be represented as **Mode** key.

## DEVICE SELECTION

### Main Modes

These four main menus allow access and control of the main devices controlled by this remote (to view the Device Selection window, simply press the **Home** key).

#### Spa Mode

This menu allows the control of the pumps and light as well as the activation of diverse programming modes. Various icons become animated to let you know present spa status.



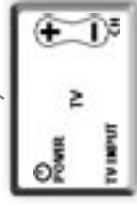
#### Compact Disc/Radio

This menu allows you to activate and control Radio/CD functions.



#### TV Mode

This menu allows you to activate and control TV functions.



#### DVD/Video Mode

This menu allows you to activate and control DVD/Video functions.





The spa monitor window is a graphical interface that allows visualization at a distance of actual water temperature, the time of day and to easily monitor the state of the pumps and light. When you activate any pump or the light, its respective icon (displayed on the lower part of the screen) becomes animated. Furthermore, information messages may scroll on the Monitor Window to indicate a spa function or condition such as:

- Heating
- Filtering
- Filtering suspended
- Economy
- Freeze condition-Pumps activated
- Low battery
- Problem detected-Call for service
- Call for maintenance



## Status LED

The Status LED monitors spa system and warns when service is required. This red light (see page 7) informs users if the remote's batteries are low (in which case the low battery icon will also appear) or if a problem has been detected and the spa should be checked before entering its water. The status LED indicates conditions such as:

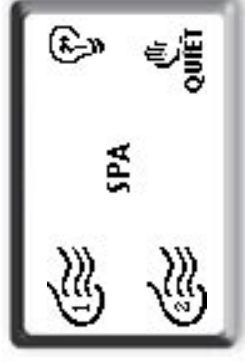
- Communication lost (out of range signal)
- Battery low
- Power outage
- Spa problem detected-Call for Service

## Reception Bar

Because it's possible to monitor spa status at a distance, the icon  lets you know the quality of the signal reception (the waves on the icon become animated on data reception). Thus 3 full bars indicate optimal reception while missing bars indicate a loss of signal. Please note that in order to control any device you must align the remote in front of the spa receptor.



This menu allows control of the pumps and spa light, as well as the activation of the Quiet mode. As a great feedback feature every time a pump or the light is on, its icon becomes animated on the Spa monitor window to visualize present status of each of these outputs. Furthermore if you like to stop all motor activity at once you may do so by activating the Quiet mode (see Quiet mode section).



## Starting Pump 1

- Press **Home** key to display the Device Selection window.
- Select **Spa** to view Spa menu.
- Select **Pump 1** to turn Pump 1 on.
- Select **Pump 1** repeatedly to control Pump 1.

Pump 1 icon



The pump icon becomes animated in the monitor window when Pump 1 is running.

A built-in timer turns Pump 1 off after a certain period of time unless manually deactivated first. For more information please refer to the QRC provided by your dealer.

## SPA MODE

### Starting Pump 2

- Press **Home** key to display the Device Selection window.
- Select **Spa** to view Spa menu.
- Select **Pump 2** to turn Pump 2 on.
- Select **Pump 2** repeatedly to control Pump 2.

As a feedback feature, the pump icon becomes animated when Pump 2 is running.

A built-in timer turns Pump 2 off after a certain period of time unless manually deactivated first.



Pump 2 icon

### Turning Spa Light On

To control the spa's variable intensity light or fiber lighting with your remote control:

- Press **Home** key to display the Device Selection window.
- Select **Spa** to view Spa menu.
- Select **Light** to turn light on.
- Select **Light** repeatedly to control light intensity.

As a feedback feature, the light icon becomes animated when light is on. A built-in timer turns light off after a certain period of time, unless manually deactivated first.

Light icon



### If the spa is equipped with a fiber box

- Pressing **Light** key turns fiber box (motor & light) on.
- Pressing a second time turns fiber box motor off and leaves light on.
- Pressing a third time turns both the fiber box motor & light off.

## SPA MODE

### Quiet Mode

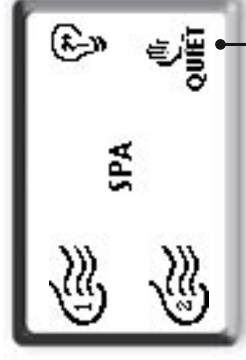
When this feature is activated it allows you to stop both pumps at the same time by a simple click of a button! (light, audio and TV features will remain active).

- Press **Home** key for the Device Selection window to show.
- Select **Spa** to view Spa menu.
- Select **Quiet** to activate this mode.

The Quiet mode icon flashes when this mode is on.

Should you press any (pump) keys when Quiet mode is on, a message will be displayed.

- To return to Normal mode, repeat same procedure described above. Please note that the system automatically returns to Normal mode after a certain period of time, unless the Quiet mode has been reactivated.



Quiet icon

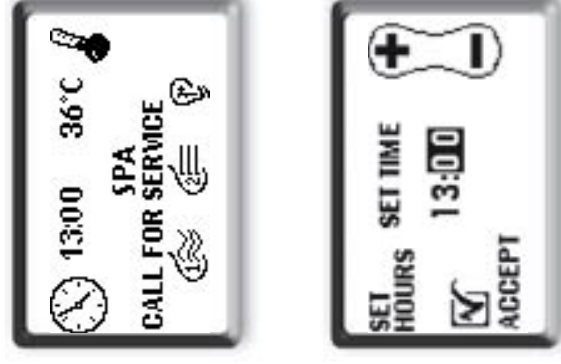


This mode features user-friendly submenus that allow time setting, regulation of water temperature, temperature display unit setting, Filter cycle programming, as well as Economy mode setting and visualization of spa status.

### Setting Time

To set the time in your spa with your remote control:

- Press **Home** key for the Device Selection window to show.
- Select **Spa** to access the spa menu.
- Press **Esc/Next** key to view spa parameters.
- Select **Clock** icon to view time options.
- Use **Hours** to select option.
- Use **+/-** to set the hour.
- Use **Minutes** to select option.
- Use **+/-** to set the minutes.
- Select **Accept** to confirm choice.
- Answer Yes to the question "Are you sure?" to apply changes or simply press **Cancel** to go back to Spa menu without saving any changes.

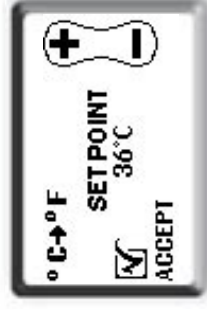
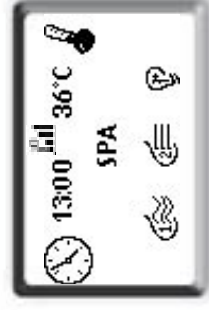


## SPA SETUP MENU

### Setting Set point & Temperature Units

To regulate water temperature with your remote:

- Press **Home** key for the Device Selection window to show.
- Select **Spa** to access the spa menu.
- Press **Esc/Next** to view spa parameters.
- Select **Temp** icon to access Temperature options.
- Select °C → °F to toggle between °C (Celsius) and °F (Fahrenheit) and vice versa.
- Use **+/-** to increase or decrease water temperature by 1-degree increments.
- Select **Accept** to confirm choice.
- Answer Yes to the question "Are you sure?" to apply changes or simply press **Cancel** to go back to Spa menu without saving any changes.



### Filter Cycle

A filter cycle consists in the activation of all pumps for one minute, then Pump 1 runs at low speed for the preprogrammed number of hours. To set a Filter cycle, you must enter two parameters: the start time and the duration.

- Press **Home** key for the Device Selection window to show.
- Select **Spa** to access the spa menu.
- Press **Esc/Next** key twice to view Spa modes.
- Use **Filter** to select filter cycle parameters.
- Select the desired parameter to modify: **Start time** or **Duration**, the setting procedure is the same.



## SPA SETUP MENU

- Select **Start time** to choose filtering start time (hour).
- Use **Hours** to select option.
- Use **+/-** to set the hour.
- Use **Minutes** to select option.
- Use **+/-** to set the minutes.
- Select **Accept** to confirm choice.
- Answer Yes to the question "Are you sure?" to apply changes or simply press **Cancel** to go back to Spa menu without saving any changes.



Use the same procedure to set filter cycle duration in hours. If the operation has been successful the display will revert to main Spa Setup window.



The message **"Filtering"** appears on the spa monitor window to let you know when the spa is in filter cycle.

### Economy Cycle

The Economy mode allows you to lower the temperature set point of the spa by 20°F (11°C) during a certain period of the day. When in Economy mode, the "Economy Mode" message is displayed.

To program the Economy mode, you must enter two parameters: the start time and the duration.

- Press **Home** key for the Device Selection window to show.
- Select **Spa** to access the spa menu.
- Press **Esc/Next** key twice to view Spa mode.
- Use **Economy** to view options.
- Select the desired parameter to modify: Economy **Start time** or **Duration**, the setting procedure is the same.



## SPA SETUP MENU

- Press on **Start time** to choose Economy start time (hour).
- Use **Hours** to select option.
- Use **+/-** to set the hour.
- Use **Minutes** to select option.
- Use **+/-** to set the minutes.
- Select **Accept** to confirm choice.
- Answer Yes to the question "Are you sure?" to apply changes or simply press **Cancel** to go back to Spa menu without saving any changes.

Repeat operation to set the duration of the Economy cycle in hours. If the Economy cycle is not required, the duration must be set to "0".



### Lock/Unlock

This function allows you to prevent unauthorized parameter setting of the unit. The basic functions of the spa remain accessible (pump and light outputs) but it will be impossible to change temperature Set Point, to override Economy, Filter and Quiet modes or to set the time. Furthermore, if you try to activate any of those functions while the system is locked a message will prompt you to unlock the system first. When the unit is locked, the "Lock" icon flashes on screen.

- Press **Home** key for the Device Selection window to show.
- Select **Spa** to access the spa menu.
- Press **Esc/Next** key twice to view spa mode.
- Select **Lock** or **Unlock** to change current setting.
- Answer Yes to the question "Are you sure?" to apply changes or simply press **Cancel** to go back to Spa menu without saving any changes.



## SPA SETUP MENU

### Service Message

Every 8,000 hours of use, the prompt message "**Call for Maintenance**" will be displayed. It will indicate that it's time for your spa check-up. To reset the message:

- Press **Home** key.
- Select **Spa**.
- Press **Next** key twice for Spa setup window to show.
- Select **CLR Service Message** to reset message.



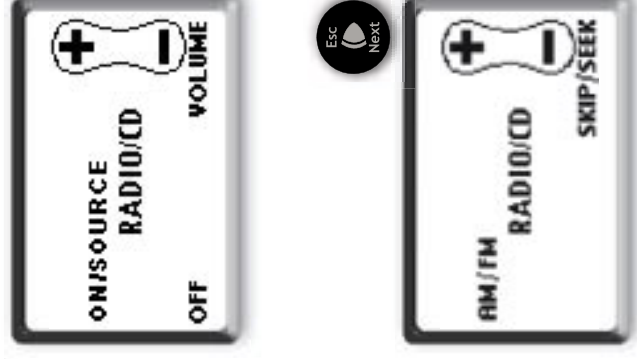
This selection allows you to play the radio or choose another audio source (Tuner, CD, Aux).

## On/Source, Volume +/-

- Press **Home** key for the Device Selection window to show.
- Select **Compact Disc/Radio** to view Audio options.
- Use **On/Source** to choose audio source.
- Use **+/-** to increase/decrease volume.
- Select **Off** to turn **Radio** or **CD** off.

## AM/FM, Seek/Skip

- Press **Next** key to view more Radio/CD options.
- Select **AM/FM** to choose radio band.
- Use **+/-** to perform a seek of the next preset station in Radio mode or to select previous or next track in CD mode.





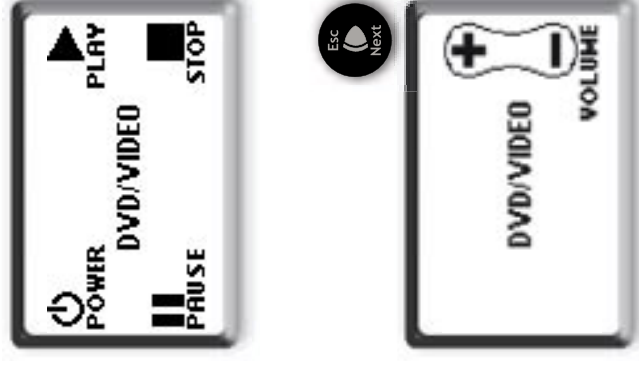
Five windows or menus are available in this mode, they allow you to execute the most commonly used DVD or Video commands.

#### Power On, Pause, Play/Stop

- Press **Home** key for the Device Selection window to show.
- Select **DVD/Video** to select DVD or Video mode.
- Select **Power** to turn DVD/Video On/Off.
- Select **Pause** to pause DVD/Video.
- Select **Play** to start playing DVD/Video.
- Select **Stop** to stop playing DVD/Video.

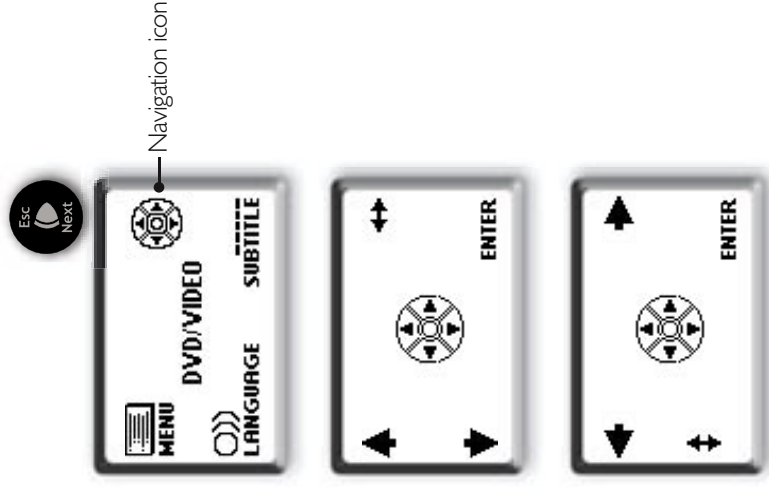
#### Volume +/-

- Press **Next** key to set DVD/Video volume.
- Use **+/-** to increase/decrease DVD/Video volume.



## Menu, Language, Subtitles, Navigation Icon

- Press **Next** key again to access the next window menu.
- Use **Menu** to scroll DVD Menu (displayed on TV screen).
- Use **Language** to select DVD/Video language (English/French).
- Use **Subtitle** to activate subtitle features.
- Select **Navigation** icon to navigate among the various options available on the DVD.
- Use **Up/Down** ↑ ↓ and then **Enter** to view options.
- Use **Up** ↑ or **Down** ↓ arrows to navigate vertically through the various DVD/Video menus.
- Use **Left/Right** ← → and then **Enter** to view options.
- Use **Left** ← or **Right** → arrows to navigate horizontally through the various DVD/Video menus.



**Zoom, Skip Previous/Next**

- Press **Next** key once more to access the following window menu.
- Use **Zoom** to enlarge or reduce image on monitor screen.
- Select **Prev/Next** to skip backward/forward on a screen scene.

**Pause, Play, Rewind, Forward**

- Press **Next** key again to access the last DVD/Video menu, the choices are self-explanatory.
- Select **Pause** to pause DVD/Video.
- Select **Play** to start playing DVD/Video.
- Select **Rewind** to skip backwards DVD/Video.
- Select **Forward** to skip forward DVD/Video.





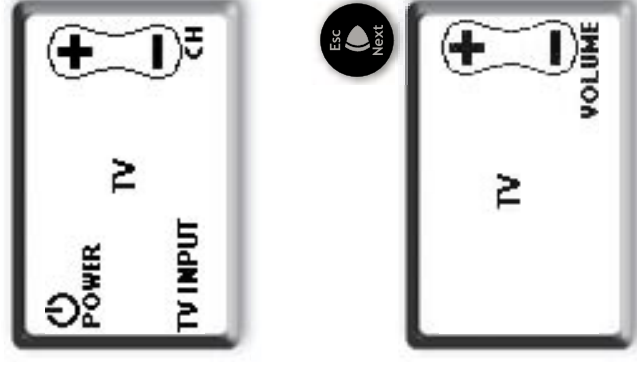
The most commonly used TV commands are available through this mode.

#### Power On, Channels Up/Down

- Press **Home** key for the Device Selection window to show.
- Select **TV** to select TV mode.
- Select **Power** to turn TV On/Off.
- Use **+/-** to skip to next or previous channel.

#### Volume

- Press **Next** key to set TV volume options.
- Use **+/-** to increase/decrease TV volume.



## TV MODE

### TV Inputs Options

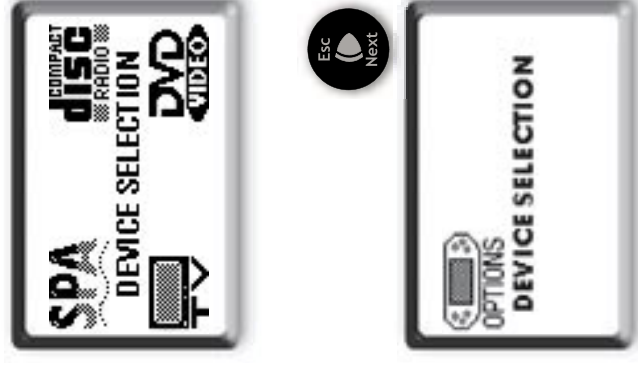
- Select **TV Input** to view TV input options.
- Use **S-Video** to select S-video input signal.
- Use **PC** to select PC input signal.
- Use **TV** to select TV input signal.
- Use **Video** to select video input signal.



In this mode it's possible to configure several of the remote's parameters such as: language, sleep mode, auto shut off delay as well as enabling display's backlight and contrast.

### Selecting language

- Press **Home** key to display the Device Selection window.
- Press **Next** key to select device set up option.
- Select **Options** from the menu to view displayed options window.



## REMOTE SETUP MODE

### Setting Language

- Select **Language**.
- Using the corresponding multifunction key select the language of your choice.
- Select **Accept** to confirm choice.
- Answer Yes to the question "Are you sure?" to apply changes or simply press **Cancel** to go back to Spa menu without saving any changes.



## Display Setup

- Press **Home** key to display the Device Selection window.
- Press **Next** key to select device set up option.
- Select **Options** from the menu to view displayed options window
- Use **Display** to select displayed settings.
- Press and hold **+/-** to adjust contrast.
- Use **R (reverse)** if you like to reverse the display.
- Select **Accept** to confirm choice.



- Answer 'Yes' to the question "Are you sure?" to apply changes or simply press **Cancel** to go back to device set up options window.



## REMOTE SETUP MODE

### Backlight

- Press **Home** key to display the Device Selection window.
- Press **Next** key to select device set up option.
- Select **Options** from the menu to view displayed options window.
- Select **Backlight** to view its options.
- Choose backlight **On/Off**.
- Select **Accept** to confirm choice.



- Answer Yes to the question "Are you sure?" to apply changes or simply press **Cancel** to go back to back to device set up options window.



## Auto-Off Mode

In order to preserve battery life you may select the delay for the display to turn itself off automatically. In this mode, you may select auto-switch off after 10, 20 seconds or after one minute of inactivity. Briefly press on any key for the display to awaken at the last window accessed.

- Press **Home** key to display the Device Selection window.
- Press **Next** key to select device set up option.
- Select **Options** from the menu to view displayed options window
- Select **Auto-Off** to view options.
- Choose display off after 10, 20 sec., or after 1 min.
- Select **Accept** to confirm choice.
- Answer Yes to the question "Are you sure?" to apply changes or simply press **Cancel** to go back to device set up options window.



### Sleep Mode

Activating this power saving feature is recommended when the spa is stored away or not in use for prolonged periods of time to maximize battery life.

- Press **Home** key to display the Device Selection window.
- Press **Next** key to select device set up option.
- Press **Options** from the menu.
- Press **Next** key again and select Sleep mode.



- Answer Yes to the question "Are you sure?" to activate Sleep mode (the display goes blank when Sleep mode is on) or simply press **Cancel** to go back to device set up options.
- To reactivate remote, stand in front of the spa and press any key, the synchronization of data will take only a few seconds.



### Replacing batteries



*Your remote control is powered by three AAA batteries.*

- 1 • Loosen and remove the four screws holding the black shell as illustrated and remove remote.



- 2 • Unscrew and remove bottom cap.

#### Notes:

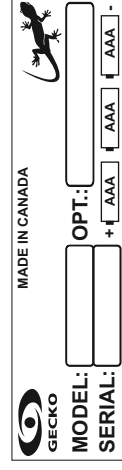
- You can use a coin to unscrew cap.
- When replacing batteries, it is recommended to add a lubricant (e.g. Vaseline) on cap gaskets to ensure perfect watertightness.

## REMOTE SETUP MODE



- 3 • Insert new batteries, making sure to match plus (+) ends with plus markings on the battery case. Refer to the label under your remote or see illustration below.

### Label under the remote:

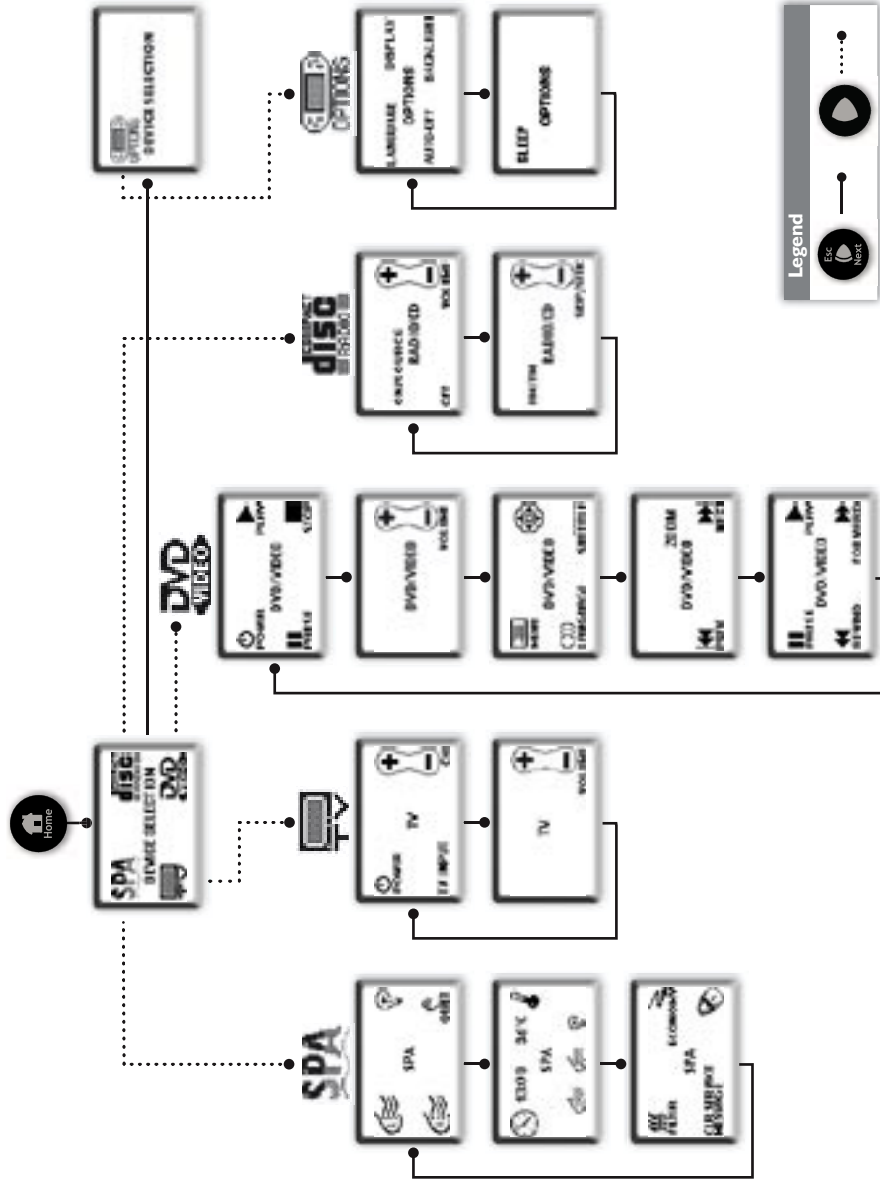


- 4 • Replace cap ensuring that waterproof gaskets are correctly positioned and cap is tight and properly sealed.

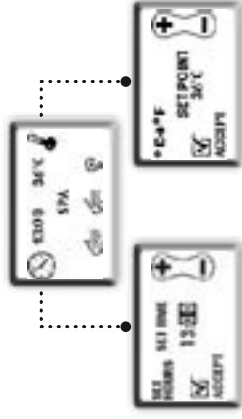


- 5 • Finally reinsert remote in the black shell making sure it's correctly aligned so the status LED remains visible through its opening.
- 6 • Tighten the four screws.

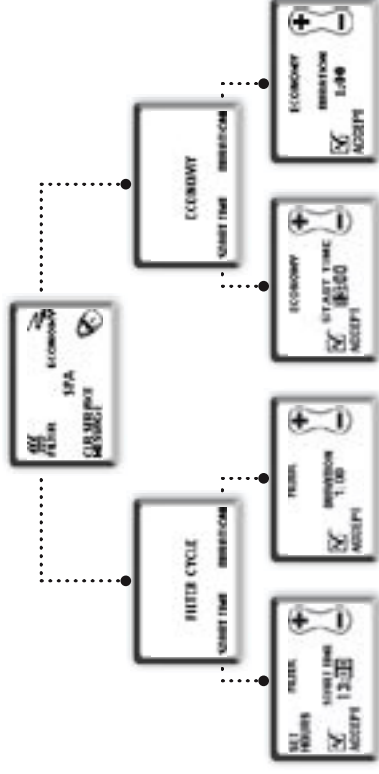
# HIERARCHY



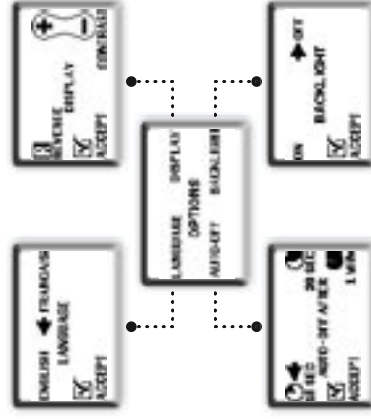
## Time & Temp. Settings



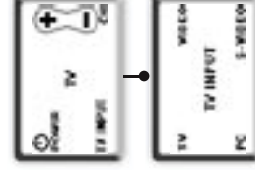
## Filter & Economy Settings



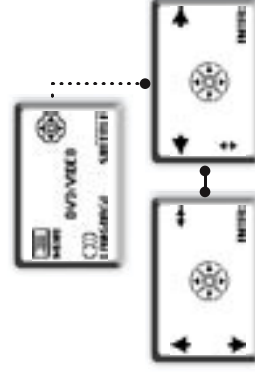
## Remote Control Option Settings



## TV Input Settings



## DVD Menu Settings





[www.coastspas.com](http://www.coastspas.com)