

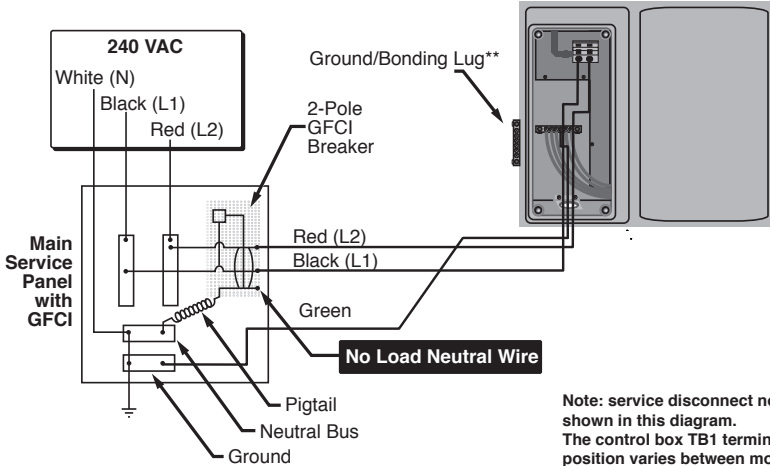
- |                                      |  |
|--------------------------------------|--|
| POOR JET ACTION<br>(see pages 19-30) | <ol style="list-style-type: none"><li>1. Make certain the jets pump is turned on.</li><li>2. Check position of massage selectors.</li><li>3. Open air control for selected jet system.</li><li>4. Check for adequate water level.</li><li>5. Check for dirty filter (page 64).</li></ol>   |
| WATER IS TOO HOT                     | <ol style="list-style-type: none"><li>1. Reduce thermostat setting (page 16).</li><li>2. Switch hot tub to "Programmable" mode to turn heater on only during programmed filter cycles (page 58).</li></ol>   |
| NO HEAT                              | <ol style="list-style-type: none"><li>1. Check thermostat setting.</li><li>2. Keep the cover in place while heating.</li><li>3. If heater indicator is displayed, but no temperature increase is experienced after a reasonable period of time, contact your dealer or authorized service center.</li></ol>  |
| FILTER/CIRCULATION<br>PUMP OFF       | <ol style="list-style-type: none"><li>1. Verify filter/circulation pump is programmed to run 24 hours a day (page 62).</li><li>2. Filter/circulation pump cycle canceled by power interruption. Wait 24 hours for hot tub to reset.</li><li>3. Hot tub water is warmer than 95°F (34°C) and two degrees warmer than the set temperature. The "Summer Logic" safety feature has activated. See note on page 62 for details.</li></ol> |

Jacuzzi builds the best spas in the industry. Nonetheless, we are always striving to improve the quality and features of our products. Your input as a Jacuzzi spa owner is a cherished part of this process. If you have any comments or suggestions, or if you wish to be informed on any new products for your spa, please write to us.

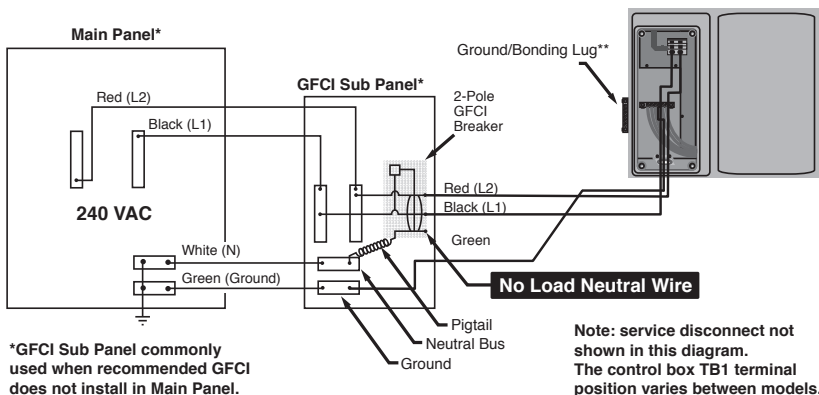
**CONGRATULATIONS** on your good taste and welcome to the happiest and most relaxed family in the world!

## 17.0 Typical Spa Wiring Diagrams A-B (North American 60 Hz Models Only)

### **A** 2-Pole Circuit Breaker with 2-Wire Grounded Load Connection (3 Wires to Hot Tub, 2-Hot (L1-L2), 1-Ground)



### **B** Main Panel with Secondary GFCI Shut-Off Box Using a 2-Pole GFCI Breaker with 2-Wire Grounded Connection (3 Wires to Hot Tub, 2-Hot (L1-L2), 1-Ground)



\*GFCI Sub Panel commonly used when recommended GFCI does not install in Main Panel.

## 18.0 Optional Jacuzzi J-1000™ Audio System™ Stereo System Features

### 18.1 Sound System Controls



- |                             |                                |
|-----------------------------|--------------------------------|
| 1. Power On/Off Button      | 11. AUX Input Jack             |
| 2. Tune/Seek Up/Down Button | 12. iPod Docking Station       |
| 3. Volume Up/Down Button    | 13. Disc Eject Button          |
| 4. Mode Button              | 14. CD Installation Slot       |
| 5. SEL/EQ Button            | 15. Front Panel Release Button |
| 6. AS/PS Button             | 16. Front Panel                |
| 7. MUTE Button              | 17. Function Display           |
| 8. BAND/RPT Button          |                                |
| 9. ENT/SH/RDM Button        |                                |
| 10. USB Docking Station     |                                |

### 18.2 Sound System Operation

#### 1. Power On and Off

Press power button (1) once to turn on stereo system. Press a second time to turn off.

#### 2. Adjusting Volume

Press VOL Up/Down button (3) to increase or decrease volume. Current volume setting is briefly displayed (0 to 45).

#### 3. Mute

In Radio or AUX mode, press mute button (7) once to mute audio output ("MUTE" flashes on display). To restore audio output, press button (7) a second time, or press volume up or down button. In CDP, USB, NAND mode, press button (7) to pause playback. Press again to resume playback.

#### 4. Program Selection

Press MODE button (4) to cycle through available program sources as follows: Radio --> CDP --> USB --> NAND --> IPOD --> AUX --> Radio. If a source is unavailable (e.g.: No CD, USB or IPOD inserted), that source will not appear on the display (17).

#### 5. Adjusting DSP Level

Press EQ button (5) repeatedly until display reads "FLAT". Then press VOL Up/Down button (3) to select sound mode: Flat, Rock, Soft Rock, Jazz, Classic, Dance, Pop, Soft, Hard, Party, Vocal, Hip-Hop, Dialog, Bass Boost 1 to 3, Loudness 1 to 16, or Flat.

#### 6. Adjusting Bass Level

Press EQ button (5) repeatedly until display reads "BAS". Press VOL Up/Down button (3) to choose desired setting. A display of "BASS 0" indicates center, -1 to -7 indicates bass cut, and +1 to +7 indicates bass boost.

**Note:** Unit returns to volume mode if volume control is not operated for 3 seconds.



**7. Adjusting Treble Level**

Press EQ button (5) repeatedly until display reads "TRE." Press VOL Up/Down button (3) to choose desired setting. A display of "TRE 0" indicates center, -1 to -7 indicates treble cut, +1 to +7 indicates treble boost.

**Note:** Unit returns to volume mode if volume control is not operated for 3 seconds.

**8. Adjusting Balance Level**

Press EQ button (5) repeatedly until display reads "BAL." Press VOL Up/Down button (3) to choose desired setting. A display of "BAL R-L" indicates center, L1 to 15 indicates left balance, R1 to 15 indicates right balance.

**Note:** Unit returns to volume mode if volume control is not operated for 3 seconds.

**9. Adjusting Fader Level**

Press EQ button (5) repeatedly until display reads "FAD." Press VOL Up/Down button (3) to choose desired setting. A display of "FAD F-R" indicates center, R1 to 15 indicates rear fade, F1 to 15 indicates front fade.

**Note:** Unit returns to volume mode if volume control is not operated for 3 seconds.

**10. Adjusting Beep Level**

Press and hold down EQ button (5) for about 2 seconds until display reads "BEEP 2ND", then release. Press VOL Up/Down button (3) to select either Beep 2ND or Beep on option.

**Note:** Unit returns to volume mode if volume control is not operated for 3 seconds.

**11. Adjusting I-VOL Level**

Press and hold the EQ button (5) for about 2 seconds, then repeatedly press until display reads "I-VOL" (Initial Volume Level Adjustment). Press VOL Up/Down button (3) to choose desired setting (0 to 45), then press ENT button (9) to confirm. This feature regulates the max volume level during power up.

**Note:** Unit returns to volume mode if volume control is not operated for 3 seconds.

### 12. Adjusting Area

In FM2 band, press and hold the EQ button (5) for about 2 seconds, then repeatedly press until display reads "USA" or "EUR". Press VOL Up/Down button (3) to choose desired setting, then press and hold the BAND button (8) for 2 seconds to confirm selection.

**Note:** Unit returns to volume mode if volume control is not operated for 3 seconds.



### 13. Open/Close Front Panel

Press firmly on the release button (15), then open front panel (16) by gently lifting upward on bottom edge. To close front panel, gently flip panel down, then press firmly on panel directly above release button (15) until you hear an audible "click". Keep front panel closed at all the times to prevent water intrusion, except when changing discs.



**CAUTION:** Never insert wet discs into unit or CD player will be damage!

## 18.3 J-1000™ Audio System Radio Operation

### 1. Radio Operation.

Press MODE button (4) to select Radio mode. Station frequency is indicated on display.

- To Select Band: Press BAND button (8) repeatedly to scroll through radio mode as follows: FM1 --> FM2 --> FM3 --> AM1 --> AM2 --> FM1. Each radio band stores up to 6 independent stations, for a total of 18 FM and 12 AM presets.
- To Program Station Presets in Radio mode: Press and hold SH button (5) until display reads "SHIFT". Press and hold the Tune up/down button (2) for 2 seconds, then repeatedly press to select preset 1 to 6. At desired preset, press the ENT button (5) to store current frequency into selected preset.

**Note:** When power to spa is shut off for any reason, all station presets are reset.

### 2. Automatically Setting Station Presets

Press and hold the AS/PS button (6) for approximately 2 seconds until you hear a beep that confirms the memory function is engaged. The unit will search for six strong stations and automatically store them on the current band. All 18 FM and 12 AM presets can be set

sequentially by selecting the next band and continuing the operation during auto programming.

### **3. Seek/Manual Tune**

Press TUN up/down button (2) once to activate manual tuning mode, then press TUN up or down repeatedly to manually increase or decrease displayed frequency. Press and hold either TUN up or down button (2) for at least 2 seconds to activate auto tuning mode. The unit will automatically search and stop at the next higher or lower station with sufficient signal strength.

**Note:** After 3 seconds, seek mode is re-enabled.

### **4. Preset Scan Function**

- Press AS/PS button (6) once to enter scan mode. Each preset station in the current band will play for 5 seconds while the preset number is flashes on the display (17). At the desired station, press AS/PS button (6) a second time.
- Press and hold ENT/SH button (5) until display reads "SHIFT". Repeatedly press TUN up or down button (2) to choose preset 1-6, then press ENT/SH button (9) to confirm selection.

## **18.4 J-1000™ Audio System CD Player Operation**

### **1. Insert, Play, and Eject a CD**

Open front panel (16) by pressing firmly on release button (15) and lifting panel upward from bottom edge. Gently insert CD into slot (14) with label facing up. The CD will be drawn inside by the motorized mechanism. **DO NOT FORCE!** Close front panel by folding down, then press firmly on panel directly above release latch (15) until you hear an audible "click". Keep front panel closed at all the times to prevent water intrusion, except when changing discs. CD playback will automatically begin after CD is loaded.

- To Play CD: Press the MODE button (4) to change to CD mode. The CD will play. The display shows current track, play time, and animates a 3-D rotating disc during playback.
- To Remove CD: Open the front panel and press CD eject button (13). Remove CD from drive and close front panel as instructed in step 13 (page 7).

### 2. Changing CD Tracks and Music Seek

To advance to next track, press TUN up button (2) once to increase track counter one track. When final CD track is reached, play will resume on track #1.

- To fast forward through tracks: Press and hold TUN up button (2) until track counter displays desired track, then release button.
- To rewind current track: Press and hold the TUN down button (2) the track will quickly rewind until you release the button.



### 3. Random, Repeat

- Random “Shuffle” Mode: Press SH button (9) to play the CD tracks in random order. The left side of the display (17) reads “RDM” when random mode is enabled. Press a second time to deactivate.
- Repeat Mode: Press BND button (8) to repeat current CD track. The left side of the display reads “RPT” when repeat mode is enabled. Press a second time to deactivate.

### 4. Searching File or Folder in MP3/WMA CD

- To Search File in CDP (MP3/WMA) mode: Press AS/PS button (6) to enter track searching mode. Then press the VOL up/down button (3) to scroll through available tracks. At desired track, press ENT button (9) to confirm selection. Once a track is selected, it will automatically begin to play.
- To Search Folder in CDP (MP3/WMA) mode: Press and hold AS/PS button (6) for 2 or more seconds to enter folder searching mode. Then press VOL up/down button (3) to search through available folders. At desired folder, press ENT button (9) to confirm selection. Once a folder is selected, it will automatically begin to play the first track in the selected folder.

## 18.5 J-1000™ Audio System USB & NAND Operation

### 1. Play USB or NAND (internal memory)

Open the front panel and plug a USB device into the USB Docking Station (10). The USB device will begin to play automatically. Close the front panel. The “USB” symbol on the display indicates that a USB device is connected.



- To Play connected USB device: Press MODE button (4) to change to USB mode. The USB will play. The display (17) shows the current track, play time, and USB symbol. If no USB device is connected, simply plug a USB device into the USB docking station (10) and the unit will automatically switch to USB mode.
- To Play NAND: Press MODE button (4) to change to NAND mode. The NAND will play. The display shows the current track and play time. The Play/Pause, Repeat, and Random function for USB and NAND are the same as CD Player Operation (pages 81-82).

**2. Copying Music Files from USB to NAND (internal memory)**

In USB mode, press and hold SEL button (5) for about 2 seconds until "ONE COPY" displays on LCD (17), then press VOL up or down button (3) to choose ONE or ALL. Press ENT button (9) to confirm selection.

- If ONE COPY is selected: The record percent "DOWN LOAD xx%" will display on the LCD (17). After copying is finished, the next track will automatically begin playback.
- If ALL COPY is selected: "The number of total track --> the number of recorded track" will display on LCD (17). After copying is finished, the unit will beep for about 3 seconds, then automatically begin playback of track #1.

**3. Deleting Music Files from NAND (internal memory)**

In NAND mode, press and hold SEL button (15) for about 2 seconds until "ONE DEL" displays on LCD (17). Use VOL up or down button (3) to choose ONE or ALL. Press ENT button (9) to confirm selection.

- If ONE DEL is selected: Next track will begin playback after file deletion has finished.
- If ALL COPY is selected: "DELETING" will display on LCD, then "NO FILE" will display after deletion process has finished.

**4. Searching File or Folder in USB/NAND**

- To Search File In USB or NAND mode: Press AS/PS button (6) once to enter track searching mode, then press VOL up or down button (3) to scroll through available tracks. At desired track, press ENT button (9) to confirm selection. Once track is selected, it will automatically begin to play.
- To Search Folder in USB or NAND mode: Press AS/PS button (6) to enter folder searching mode. Then press VOL up/down button (3) to scroll through available folders. At desired folder, press ENT button (9) to confirm selection. Once a folder is selected, it will automatically begin playback of first track in folder.

### 18.6 J-1000™ Audio System iPod Operation

#### 1. Play iPod

Open front panel (16) and plug a iPod into the iPod Docking Station (12) as shown. Refer to step 13 (page 7) for details. The iPod will begin to play automatically. Close front panel. The “iPod” symbol will display to indicate a iPod is connected.

- To Play connected iPod: Press MODE button (4) to change to iPod mode. The iPod will play. The display shows current track, play time, and iPod symbol to indicate an iPod is connected. If there is no iPod connected, simply plug an iPod into the iPod docking station (12), the unit automatically switches to iPod mode.



**Note:** The DRM (Digital Rights Management Files) cannot be played on this deck. iTunes audio files need to be converted into mp3 format for use with this system. Personal files (MP3, WMA, or AAC) can be played as long as they are not purchased through iTunes.

#### 2. Searching File or Folder in iPod

- To Search File In iPod mode: Press AS/PS button (6) to enter track searching mode. Press VOL up/down button (3) to scroll through available tracks. At desired track, press ENT button (9) to confirm selection. Once a track is selected, it will automatically begin to play.
- To Search Folder In iPod mode: Press and hold ENT/SH button (9) for more than 2 seconds until “SHIFT” appears on LCD (17), then press TUN up/down button (2) to scroll through folders. At desired folder, press the ENT button (9) to confirm selection. Once folder is selected, it will automatically begin to play first track in folder.

## 18.7 Docking your iPod Music Player

### 1. Docking Your iPod

The Docking Station for iPod is compatible with all dockable Apple iPod models.

To Install an Apple iPod:

- A. Open Docking Station door (A) as outlined in step 13 (page 7).
- B. Center iPod over Docking Station Interface Port, then gently press downward as shown (B). **DO NOT FORCE!**
- C. Close Docking Station door as shown (C), then press firmly on door directly above door release latch (15) until you hear an audible "click".



**WARNING:** Electrical Shock Hazard Exists! Never install or remove iPod while hands are wet or while sitting partially immersed or fully immersed in spa!

**CAUTION:** Never leave iPod in Docking Station when spa is not in use to prevent damage from outdoor elements! Never spray Docking Station with pressurized water hose for any reason! Damage to iPod or spa stereo system caused by water intrusion is not covered under the manufacturer warranty! Damage to Docking Station port or iPod due to excessive force or improper alignment during installation or removal from Docking Station is not covered under warranty.

### 2. Setting Up The iPod for Use

- A. Select and play preferred song/album/playlist prior to docking iPod.
- B. Press "MODE" button on stereo receiver or wireless remote until display reads "iPod."

**Note:** USB Docking Station is similar to the iPod Docking Station operation.

### 18.8 Generic MP3 Player Operation

#### 1. Connecting Your MP3 Player

- A. Plug in any MP3 player's headphone output jack with supplied cable into the auxiliary port (11) using the supplied audio RCA cable. Close stereo compartment during use to prevent moisture from entering the compartment.

#### 2. Setting Up The MP3 Player for Use

- A. Select preferred song/album/playlist prior to plugging in MP3 player and start playback.
- B. Press "Mode Button" on stereo receiver until the LCD display reads "AUX".



**Note:** All external MP3 player playback operations are performed solely by the MP3 Player with the exception of volume control and "Mode Button" selector, which can be controlled via wireless remote or on the stereo receiver.



**WARNING: Electrical Shock Hazard Exists!**  
Never install, handle or remove MP3 player while hands are wet or while sitting partially or fully immersed.

### 18.9 J-1000™ Audio System Stereo Troubleshooting

#### 1. Unit will not turn-on

Make sure spa power is turned on, then check both harness fuses on side of unit making sure they are the proper ratings:

- Yellow memory B+ line (1A fuse); Red ACC line (10A fuse).
- When faced with a malfunction during operation, push BND button (8) and Eject button (13) at the same time to reset software.
- With spa power off, use a paperclip to press the reset button located besides the USB Docking Station (10) to do a hardware reset.

**Note:** It will be necessary to re-enter the radio preset memories and other personal settings after performing a reset. After resetting player, always ensure all functions are operation correctly.

**2. Fogged CDs and Lens**

This condition may occur when it's cold. Wipe fogged CDs with a soft cloth. Fogged optical components inside the unit will return to normal operation after an hour in a heated environment.

**18.10 J-1000™ Audio System Stereo Specifications****Tuner**

FM usable sensitivity . . . . .	10dB
FM 50dB quieting sensitivity . . . . .	25dB
FM alternate channel selectivity . . . . .	80dB
FM stereo separation @ 1kHz . . . . .	30dB
AM usable sensitivity . . . . .	35dB

**CD Player**

Sampling frequency (8X oversampling) . . . . .	44.1kHz
Channel separation @ 1kHz . . . . .	50dB
Signal-to-noise ratio . . . . .	60dB
Frequency-to-noise response @ +/-2dB . . . . .	20-20kHz

**Audio**

Maximum power output . . . . .	(25 watts x 4 channel, 4Ω, 1kHz)100W
Continuous power. . . . .	13 watts X 4, 4ohms,THD=1%,1kHz
Bass boost/cu. . . . .	100Hz +/- 10dB
Treble boost/cut . . . . .	10kHz +/-10dB

**General**

Nominal power supply . . . . .	14.4 VDC
Allowable power supply . . . . .	10.8-15.6 VDC
Current consumption . . . . .	<15mA
Speaker impedance . . . . .	4-8 Ω

### 18.11 J1000™ Wireless Remote

#### A. The J1000™ Remote

Your spa is equipped with a technologically advance wireless remote (Figure A). Most spa functions can be controlled with the remote. The sleek modern design and easy navigation make this remote a great addition to your spa enjoyment. Listed below are the remote features, how to access and control them. General feature of the remote are:

- When not in used or after any 15 seconds of inactivity the remote goes into a “Sleep” status until activated. The backlighting and display will turn off.
- When activated the remote checks and verifies that it and the control system are bonded.
- When activated the remote checks to see if any of the components are running. If so, the component icon will blink on the remote LCD display to alert you that those components are activated. The water temperature is displayed on top of the screen, while the main menu is displayed.
- Pressing any key will activate the remote; the backlight will turn on and illuminate the keys and display. This lighting has a 10 second time-out period if no keys are pressed.



Figure A

**Note:** Remote unit is water resistant not waterproof, therefore the unit should never be left in the spa while the cover is on and spa is not in use.



= **Lock icon:** Will only appear if the spa is in locked mode and needs to be unlocked via the spa not the remote.



= **Temperature icon:** Allows you to set and control the temperature.



= **Time icon:** Allows you to set and control the time, either in a 12-hour or 24-hour period.



= **Lights 1 icon:** Allows you to control the interior lights.



= **Show 1 icon:** Allows you to control the interior Light Rotation mode.



= **Lights 2 icon:** Allows you to control the exterior lights.



= **Show 2 icon:** Allows you to control the exterior Light Rotation mode.



= **Jet 1 icon:** Allows you to turn on/off the jets pump 1.



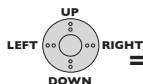
= **Jet 2 icon:** Allows you to turn on/off the jets pump 2.



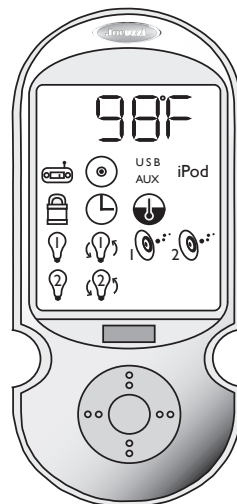
= **Low Battery icon:** Notifies you when the batteries are low and might need to be replaced. This icon will only appear if the battery is low.



= **Return button:** Will return you to the Main menu for most submenus.



= **Navigational Keypad:** Allows you to make selections using the Up, Down, Left, and Right buttons. The Select button is in the middle.



**AM** = **AM icon:** Only appears when you are in the radio mode.

**FM** = **FM icon:** Only appears when you are in the radio mode.

For spas with the stereo option the features below are also included.



= **Radio icon:** Allows you to access the FM tuning, FM presets, AM tuning, AM presets.

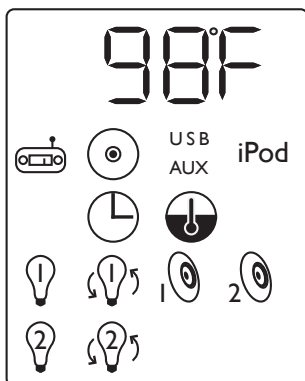


= **CD icon:** Shows the CD status.

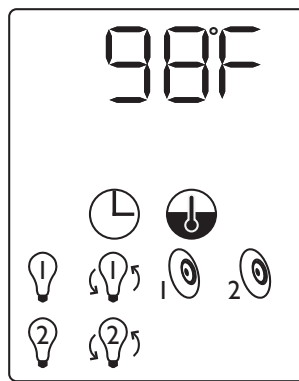
**USB** = **USB icon:** Allows you to access files on a USB drive. Devices must be connected in order for the remote to operate them.

**AUX** = **AUX icon:** Allows you to access files on an auxiliary device. Devices must be connected in order for the remote to operate them.

**iPod** = **iPod icon:** Allows you to access files on an iPod.



Remote display for spas  
with the stereo option



Remote display for spas  
without the stereo option

### 1. Bonding the remote and spa

When you first use the remote, it will bond to the spa for operational use (page 73).

### 2. Main Menu

When any key is pressed and the remote awakes it will display the icons that are selectable. You can use the Navigational Quad Keypad (up, down, left or right) to navigate through the screens and make selections. By moving through the icons, they will blink to let you know that if you hit the Select button you will activate that component or aspects of it.

### 3. Adjusting the Temperature

When the temperature icon is selected, all other icons on the display screen will disappear. The only two items shown are the thermometer icon and the digit temperature in °C or °F. Using the Navigational Keypad you can:

**Note:** When you first enter the screen the temperature display will be blinking. You can stop this by pressing any key.

- Increase the temperature by pressing the Up button.
- Decrease the temperature by pressing the Down button.
- Use °C reading by pressing the Left button.
- Use °F reading by pressing the Right button.
- Go to the Main Menu by pressing the Return button or not pressing any keys for 4 seconds.

### 4. Activating the Jets

When the Jets pump icon is selected, all other icons on the display screen will disappear. The only two items shown are the jets pump icon and the digit temperature in °C or °F. Using the Navigational Quad Keypad you can:

- Turn on the Jets pump by pressing the Select button.
- Turn off the Jets pump by pressing the Select button.



### **5. Turning on the Interior Lights**

When the Lights 1 icon is selected, all other icons on the display screen will disappear. The only two items shown are the temperature and the Light 1 icon. Using the Navigational Quad Keypad you can:

- Press Select to turn the lights on or off.
- Increase the intensity by pressing the Up button (the lights will increase in increments of 25%, ranging from 25 to 100%).
- Decrease the intensity by pressing the Down button (the lights will decrease in increments of 25%, ranging from 25 to 100%).
- Go to the previous color by pressing the Left button.
- Go to the next color by pressing the Right button.
- Turn on or off the interior lights by pressing the Select button.
- Go to the Main Menu by pressing the Return button.

### **6. Turning on the Interior Light Rotation Mode**

When the Show 1 icon is selected, all other icons on the display screen will disappear. The only two items shown are the temperature and the Show 1 icon. Using the Navigational Quad Keypad you can:

- Increase the intensity by pressing the Up button.
- Decrease the intensity by pressing the Down button.
- Slow down the light show speed by pressing the Left button (the lights will decrease in speed from 3, 5, 10, 18, 33, or 60 seconds).
- Speed up the light show speed by pressing the Right button (the lights will increase in speed from 3, 5, 10, 18, 33, or 60 seconds).
- Turn on or off the interior Light Rotation mode by pressing the Select button.
- Go to the Main Menu by pressing the Return button.

### **7. Turning on the Exterior Lights**

When the Lights 2 icon is selected, all other icons on the display screen will disappear. The only two items shown are the temperature and the Lights 2 icon. Using the Navigational Quad Keypad you can:

- Press select to turn the lights on or off.
- Increase the intensity by pressing the Up button (the lights will increase in increments of 25%, ranging from 25 to 100%).
- Decrease the intensity by pressing the Down button (the lights will decrease in increments of 25%, ranging from 25 to 100%).
- Go to the previous color by pressing the Left button.
- Go to the next color by pressing the Right button.
- Turn on or off the interior lights by pressing the Select button.
- Go to the Main Menu by pressing the Return button.

### 8. Turning on the Exterior Light Rotation Mode

When the Show 2 icon is selected, all other icons on the display screen will disappear. The only two items shown are the temperature and the Show 2 icon. Using the Navigational Quad Keypad you can:

- Increase the intensity by pressing the Up button.
- Decrease the intensity by pressing the Down button.
- Slow down the light show speed by pressing the Left button (the lights will decrease in speed from 3, 5, 10, 18, 33, to 60 seconds).
- Speed up the light show speed by pressing the Right button (the lights will increase in speed from 3, 5, 10, 18, 33, to 60 seconds).
- Turn on or off the interior Light Rotation mode by pressing the Select button.
- Go to the Main Menu by pressing the Return button.

### 9. Lock Reminder

If you press any key to activate the remote and the lock icon is the only thing showing, then the spa has been locked. You must first unlock the spa from the main control panel to be able to use the remote.

B. If your model is equipped with the J-1000™ Audio System powered by JBL, the additional functions below are also controllable by your remote.

#### 1. AM Radio Operation

You can scan through you AM preset stations and adjust the volume with the remote. When you are in the AM radio mode the screen will appear like Figure A; then it will change to the actual station number.

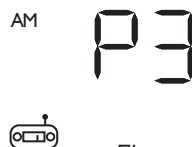


Figure A

Using the Navigational Quad Keypad you can:

- Increase the volume by pressing the Up button.
- Decrease the volume by pressing the Down button.
- Go to the previous preset station by pressing the Left button.
- Go to the next preset station by pressing the Right button.
- Go to the FM radio settings by pressing the Select button.
- Turn off the system by pressing and holding the Select button for longer than 3 seconds.
- Go to the Main Menu by pressing the Return button.

## 2. FM Radio Operation

You can scan through you FM preset stations and adjust the volume with the remote. When you are in the FM radio mode the screen will appear like Figure B; then it will change to the actual station number.

Using the Navigational Quad Keypad you can:

- Increase the volume by pressing the Up button.
- Decrease the volume by pressing the Down button.
- Go to the previous preset station by pressing the Left button.
- Go to the next preset station by pressing the Right button.
- Go to the AM radio settings by pressing the Select button.
- Turn off the system by pressing and holding the Select button for longer than 3 seconds.
- Go to the Main Menu by pressing the Return button.

**Note:** Export models will show a small superscripted number after the station number (Figure C).

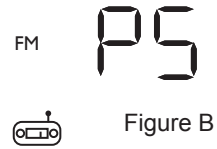


Figure B



Figure C

## 3. CD Operation

You can scan through the track numbers and adjust the volume with the remote. When you are in the CD mode the screen will appear like Figure D; then it will change to the track duration screen for the track.

Using the Navigational Quad Keypad you can:

- Increase the volume by pressing the Up button.
- Decrease the volume by pressing the Down button.
- Go to the previous track by pressing the Left button.
- Go to the next track by pressing the Right button.
- Pause or play by pressing the Select button.
- Turn off the system by pressing and holding the Select button for longer than 3 seconds.
- Go to the Main Menu by pressing the Return button.

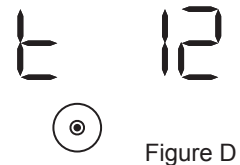
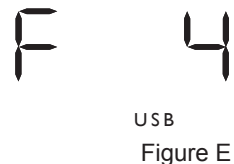


Figure D

## 4. USB Folder Operation

You can scan through the folders, track numbers and adjust the volume with the remote. Using the Navigational Quad Keypad you can:

- Increase the volume by pressing the Up button.
- Decrease the volume by pressing the Down button.
- Go to the previous track by pressing the Left button.



USB  
Figure E

- Go to the next track by pressing the Right button.
- Pause or play by pressing the Select button.
- Turn off the system by pressing and holding the Select button for longer than 3 seconds.
- Go to the Main Menu by pressing the Return button.

**Note:** If more than 2 seconds have elapsed since the CD menu was selected and the system does not detect a CD, it will return to the Main Menu.

### 5. USB Track Operation

You can scan through the track numbers and adjust the volume with the remote. Once you enter the screen and the track number has appeared, the screen will change to the track duration for the track.



Figure F

Using the Navigational Quad Keypad you can:

- Increase the volume by pressing the Up button.
- Decrease the volume by pressing the Down button.
- Go to the previous track by pressing the Left button.
- Go to the next track by pressing the Right button.
- Pause or play by pressing the Select button.
- Turn off the system by pressing and holding the Select button for longer than 3 seconds.
- Go to the Main Menu by pressing the Return button.

### 6. Auxiliary Operation

You can control the volume of an auxiliary device. Using the Navigational Quad Keypad you can (Figure G):



Figure G

- Increase the volume by pressing the Up button.
- Decrease the volume by pressing the Down button.
- Turn off the system by pressing and holding the Select button for longer than 3 seconds.
- Go to the Main Menu by pressing the Return button.

**Note:** Remote control has no effect on MP3 Player playback if/when the generic MP3 cable output is used.



**WARNING: Electrical Shock Hazard Exists!**

**Never install, handle or remove MP3 Player while hands are wet or while sitting partially or fully immersed.**