Balboa Dolphin® III
Water Resistant Remote Control

P/N 42012 A  12/07/2010
INTRODUCTION

The Dolphin® III Remote is Balboa’s latest generation remote control. It is designed with sophisticated technology that will allow you to consolidate many of your existing remote controls along with the entertainment system in your spa. It’s packed with easy-to-use features such as:

- Pre-programmed to operate the cable converter supplied by your cable system provider
- Pre-programmed technology for easy setup
- Color-coded keys to quickly locate popular functions
- Code library for video and audio components
- Code Search to help program control of older components
- Learning function to allow programming with another infrared (IR) remote
- Combination IR and RF (radio frequency) capability that can send commands through the optional RF base station to devices in your house.

Before you can use your new remote control, you will need to program it to operate the specific home entertainment components you wish to control. Follow the instructions detailed in this manual to set up your Dolphin Remote and enjoy your new remote control.

IMPORTANT! PLEASE READ

When you are required to enter an address into the spa, please write down the address you have selected for future reference. Address may need to be re-entered after servicing.

Remote should be stored outside of spa when not in use. Do not store in direct sunlight.
FEATURES AND FUNCTIONS

Use the illustration below to locate the Dolphin® III Remote features and study the key locations to learn how they function.

Press POWER once to turn on or off the selected home entertainment component.

The LED (red light) blinks to show that the remote control is working and is sending signals.

Use SETUP for all programming sequences.

Press TV, VCR/DVD, CBL/SAT, RCVR, SPA, or CD once to select a home entertainment component to control.

See next page for descriptions of the buttons in this circular area of the remote.

Use volume + (or volume -) to raise (or lower) the sound volume.

Use CH + (or CH -) to select the next higher (or lower) channel.

Press MUTE once to turn sound off or on.

Use these buttons to control available spa functions. (Depending on your spa, some buttons may control other equipment than indicated here.)

Use the keypad (0 ~ 9) to directly select channels (e.g., 09 or 31).

Press MODE, then buttons RCVR or CD mode to control input to Receiver or CD player.

Enter the 4 digit device code for the compatible RCVR or CD model. Press ENTER.

In the VCR and TV modes, use the REW, PLAY, FF, REC, STOP, and PAUSE keys to control your VCR. To record a program, press REC twice. These keys are also used for CD and DVD functions.

Continued on next page…
FEATURES AND FUNCTIONS

…Continued

Use GUIDE to display the program guide.
Use EXIT to exit out of an on-screen menu and guide.
Use the four directional keys to move the cursor in the program guide and menu screens.
Use SELECT to choose options, PPV events, and to tune programs from the program guide.
Use INFO to display current channel and program information.
Press MENU once to display an on-screen menu.

BATTERIES

Whenever batteries need to be replaced, the Dolphin will blink twice with every key press. Simply replace the batteries. The Dolphin retains your favorite settings.

INSTALLING BATTERIES

(See illustration on opposite page.)
1. On the back of the Dolphin Remote, remove the screws that hold the battery cover in place and lift off the battery cover.
2. Obtain two (2) fully-charged AA alkaline batteries.
   Match the + and – marks on the batteries to the + and – marks in the battery case, then insert the new batteries.
3. Press the battery cover back into place, being careful to align it with the rubber seal.
4. Replace the screws that hold the battery cover by carefully starting each one without tightening it. Once they are all started, snug up one screw and then do the same to the screw on the opposite side of the cover. Repeat this in a crossing pattern until all screws are snug. Do not overtighten them. This will assure an adequate water seal around the battery cover.
5. Test the unit by pressing any mode key (e.g., TV, VCR/DVD, CBL/SAT, RCVR, SPA, or CD). If the batteries are inserted correctly, the LED will blink once.

BATTERY INSTALLATION DIAGRAM

SPA ADDRESSING

The Dolphin III technology is capable of eliminating interference that may occur when neighboring spa owners use Dolphin remotes. Important: This feature will not function if your spa is controlled by RF via the Command Center, or if your spa is controlled by IR.

1. If you notice the pumps, blower or light on your spa operating when your neighbor uses his Dolphin remote, check your spa manual to see if this feature is available on your system. If so, follow the procedure described in your spa manual to enter a spa address into your spa.
2. After entering the spa address into the spa, you are now ready to enter a set up code into the Dolphin Remote.
3. Press the SPA button on the Dolphin once.
4. Press and hold SETUP until the LED blinks once. Hold it until it blinks twice.
5. Enter one of the set up codes below:

<table>
<thead>
<tr>
<th>Set Up Code</th>
<th>Spa Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>0000 0</td>
<td>(no address)</td>
</tr>
<tr>
<td>0008 1</td>
<td></td>
</tr>
<tr>
<td>0080 2</td>
<td></td>
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<tr>
<td>0088 3</td>
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<tr>
<td>0800 4</td>
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<td>0808 5</td>
<td></td>
</tr>
<tr>
<td>0880 6</td>
<td></td>
</tr>
<tr>
<td>0888 7</td>
<td></td>
</tr>
</tbody>
</table>

6. Write your Set Up code and Spa Address in the boxes below for future reference.

7. If the code is entered correctly, the LED will blink twice.
TV CONTROL, PROGRAMMING

Locate the brand name of your TV in the Setup Codes for TVs section below, and write it in the following space.

TV Brand: ____________________________

The brands are listed in alphabetical order with the most popular codes listed first. You will use one of these codes to program the Dolphin to operate your TV:

1. Turn on the TV.

2. On the Dolphin, press TV once. Press and hold SETUP until the LED blinks twice, then release SETUP.

3. Enter the first four-digit code for your TV. If you perform this procedure correctly, the LED will blink twice.

NOTE: If the LED did not blink twice after entering the code’s last digit, repeat steps 2 through 3 and try entering the same code again.

4. Aim the Dolphin at your TV and press POWER once. The TV should turn off. If it does not respond, repeat steps 2-4, trying each code for your brand until you find one that works. If it still does not work, try searching for the code (see Searching For Your Code on page 21).

5. Write your TV code in the boxes below for future reference.

   ■ ■ ■ ■

NOTE: Remember, to use the Dolphin to operate your TV, press TV first.

TVs, Setup Codes

<table>
<thead>
<tr>
<th>Brand</th>
<th>Code(s)</th>
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<td>AquaVision</td>
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<td>Audiovox</td>
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Panasonic 1480, 1457, 1291
PARK 2104
Petters 1523
Philco 1394, 0171
Philips 1454, 1866, 1483, 1744, 1806, 2372
Pioneer 1457, 0679, 1398, 1717
Polaroid 1523, 0865, 1262, 1276, 1498, 1687, 1762, 1766, 1767, 2002, 2120, 2425
Portable USA 1133
Proscan 1447, 2147, 2256
Proview 1498, 1687
RadioShack 0180
RCA 1447, 2434, 0679, 1781, 2002, 2187, 2247
Realistic 0180
Runco 1398, 1717
Sampo 1755
Samsung 2051, 0812, 1312, 1575
Sansui 0463, 0171, 1670, 1892
Sanyo 1142
Sceptre 0878, 1217, 1360, 1599, 2506
Scott 0180
Sears 0171
Seleco 1351
Sharp 0818, 1393, 1602
Signet 0800, 0844, 1262
Skyworth 1799
Solé 1483, 1530
Sony 0810
Soundesign 0180
Spectroniq 1498, 1687
Squareview 0171
SSS 0180
Starlites 0180
SunBrite 1420, 1435, 2337
Superscan 0864
SVA 0865
Sylvania 1864, 1394, 0171, 1886
Symphonic 0180, 0171
Syntax 1610, 1144, 1240, 1331
Tatung 1756
Teknika 0180
Toshiba 1524, 0845, 1656
TVS 0463
UTI Technology 1244
Vidikon 1398
Viewsonic 1755, 0857, 0864, 1330, 1578, 1627, 1640, 1742, 2014, 2087, 2277
Viore 1684, 2104, 2352
Vizio 1758, 0864, 1756
Wards 0180
Westinghouse 1712, 0889, 1282, 1300, 1577, 2293
White Westinghouse 0463
Wyse 1365
Zenith 1423, 0463

VCR CONTROL, PROGRAMMING

Locate the brand name of your VCR in the Setup Codes for VCRs section below, and write it in the following space.

VCR Brand: __________________________

The brands are listed in alphabetical order with the most popular codes listed first. You will use one of these codes to program the Dolphin to operate your VCR:

1. Turn on your VCR and insert a video cassette.
2. On the Dolphin, press VCR once. Press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter the first four-digit code for your VCR. If you perform this procedure correctly, the LED will blink twice.
   NOTE: If the LED did not blink twice after entering the code's last digit, repeat steps 2 through 3 and try entering the same code again.
4. Aim the Dolphin at your VCR and press POWER once. The VCR should turn off. If your VCR remote control does not have a POWER key, press PLAY. If the VCR does not respond, repeat steps 2-4, trying each code listed for your brand until you find one that works. If the VCR still does not work, try searching for the code (see Searching for Your Code on page 21).
5. Write your VCR code in the boxes below for future reference.

   ■ ■ ■ ■ ■ ■ ■

NOTE: Remember to use the Dolphin to operate your VCR, press VCR first.

VCRs, Setup Codes

Asha 0240
Beaumark 0240
Clarion 0880, 0889, 0888
Craig 0240
Curtis Mathes 0060, 0240
Cybernex 0240
DirecTV 0739
Emerex 0032
GE 0060, 0240
Go Video 0240, 0614
Humax 0739
Magnin 0240
Memorex 0240
MGA 0240
MGN Technology 0240
MTC 0240
Noblex 0240
DVD CONTROL, PROGRAMMING

Locate the brand name of your DVD player in the Setup Codes for DVD Players section below, and write it in the following space.

DVD Player Brand:

The brands are listed in alphabetical order with the most popular codes listed first. You will use one of these codes to program the Dolphin to operate your DVD Player:

1. Turn on the DVD Player.
2. On the Dolphin, press DVD once. Press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter the first four-digit code for your DVD Player. If you perform this procedure correctly, the LED will blink twice.

NOTE: If the LED did not blink twice after entering the code’s last digit, repeat steps 2 through 3 and try entering the same code again.

4. Aim the Dolphin at your DVD Player and press POWER once. The DVD Player should turn off. If it does not respond, repeat steps 2-4, trying each code for your brand until you find one that works. If it still does not work, try searching for the code (see Searching for Your Code on page 21).

5. Write your DVD code in the boxes below for future reference.

NOTE: Remember, to use the Dolphin to operate your DVD Player, press DVD first.
CABLE OR SATELLITE BOX PROGRAMMING

Locate the brand name of your Cable Converter (or Satellite Receiver) in the Setup Codes for Cable Converters (or Setup Codes for Satellite Receivers) section starting on the next page, and write it in the appropriate space.

Cable Converter Brand: __________________________

or

Satellite Receiver Brand: __________________________

The brands are listed in alphabetical order with the most popular codes listed first. You will use one of these codes to reprogram the Dolphin to operate your Cable Converter or Satellite Receiver.

1. Turn on the Cable Converter or the Satellite Receiver.

2. On the Dolphin, press CBL/SAT once. Press and hold SETUP until the LED blinks twice, then release SETUP.

3. Enter the first four-digit code for your Cable Converter or Satellite Receiver. If you perform this procedure correctly, the LED will blink twice.

NOTE: If the LED did not blink twice after entering the code’s last digit, repeat steps 2-3 and try entering the same code again.

4. Aim the Dolphin at your Cable Converter or Satellite Receiver and press POWER once. The unit should turn off. If it does not respond, repeat steps 2-4, trying each code listed for your brand until you find one that works. If it still does not work, try searching for the code (see Searching for Your Code on page 21).

5. Write your Cable Converter or Satellite Receiver code in the boxes below for future reference.

   [ ] [ ] [ ] [ ]

NOTE: Remember to use the Dolphin to operate your Cable Converter or Satellite Receiver, press CBL/SAT first.

Cable Boxes, Setup Codes

<table>
<thead>
<tr>
<th>Brand</th>
<th>Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT&amp;T</td>
<td>0858</td>
</tr>
<tr>
<td>Bright House</td>
<td>1376, 1877</td>
</tr>
<tr>
<td>Cable One</td>
<td>1376, 1877</td>
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<td>Cablevision</td>
<td>1376, 1877</td>
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<td>Charter</td>
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<td>Comcast</td>
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<td>Cox</td>
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<td>Digeo</td>
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<td>Insight</td>
<td>1376, 1877</td>
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Knology 1877
Mediacom 1376, 1877
Motorola 1376, 1187, 0858, 1982, 2378
Pace 1376, 1877, 1982
Panasonic 1982
Pioneer 1877
Rogers 1877
Samsung 1877
Scientific Atlanta 1877, 0858, 1982, 2345
Shaw 1376
Suddenlink 1376, 1877
Thomson 1982
Time Warner 1376, 1877, 2187
Tivo 2576
Verizon 2378
Wide Open West 1877

Satellite Boxes, Setup Codes

Bell ExpressVu 0775, 0869
Crossdigital 1109
DirecTV 1377, 0392, 0566, 0639, 1142, 0247, 0749, 1442, 1749, 1775
Dish Network 0775, 1505, 1775
Dishpro 0775, 1505, 1775
Echostar 0775, 1505, 1775
Expressvu 0775, 1775
GE 0566
General Instrument 0869
GOI 0775, 1775
HTS 0775, 1775
Hughes Network Systems 1142, 0749, 1749, 1442
Jerrold 0869
JVC 0775, 1775
LG 1414
Mega Sat 1551
Mitsubishi 0749
Motorola 0869
Next Level 0869
Panasonic 0247, 0701
Pansat 1551
Philips 1142, 0749, 1749, 1076, 1442
Proscans 0392, 0566
RadioShack 0869
RCA 0392, 0566, 0143
Samsung 1377, 1276, 1109, 1442, 1609
Sony 0639
Star Choice 0869
Tivo 1142, 1442
Toshiba 0749, 1749, 0790
Voom 0869
Zenith 1856

CD PLAYER, PROGRAMMING

Locate the brand name of your CD Player in the Setup Codes for CD Players section below, and write it in the following space.

CD Player Brand:

The brands are listed in alphabetical order with the most popular codes listed first. You will use one of these codes to program the Dolphin to operate your CD Player:

1. Turn on the CD Player.
2. On the Dolphin, press CD once. Press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter the first four-digit code for your CD Player. If you perform this procedure correctly, the LED will blink twice.

NOTE: If the LED did not blink twice after entering the code’s last digit, repeat steps 2 through 3 and try entering the same code again.

4. Aim the Dolphin at your CD Player and press POWER once. The CD Player should turn off. If it does not respond, repeat steps 2-4, trying each code for your brand until you find one that works. If it still does not work, try searching for the code (see Searching for Your Code on page 21).

5. Write your CD code in the boxes below for future reference.

CD Players, Setup Codes

<table>
<thead>
<tr>
<th>Brand</th>
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</tr>
<tr>
<td>Myryad</td>
<td>0157</td>
</tr>
</tbody>
</table>

NOTE: Remember, to use the Dolphin to operate your CD Player, press CD first.
Using the Dolphin’s RCVR mode, you can also control an audio component, such as a stereo receiver or a stereo amplifier.

Locate the brand name of your audio component in one of accompanying code lists. Write it in the appropriate space.

Stereo Receiver Brand: ____________________________

or

Stereo Amplifier Brand: ____________________________

The brands are listed in alphabetical order with the most popular codes listed first. You will use one of these codes to program the Dolphin to operate your audio component:

1. Turn on the audio component.
2. On the Dolphin, press RCVR once. Press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter the four-digit code for your audio component. If you perform this procedure correctly, the LED will blink twice.

   NOTE: If the LED did not blink twice after entering the code’s last digit, repeat steps 2 through 3 and try entering the same code again.

4. Aim the Dolphin at your audio component and press POWER once. The unit should turn off. If it does not respond, repeat steps 2-4, trying each code listed for your brand until you find one that works. If it still does not work, try searching for the code (see Searching for Your Code on page 21).

5. Write your audio component code in the boxes below for future reference.

Audio - Amplifier Setup Codes

Bose 0674

Audio - Stereo Receivers/Tuners Setup Codes

AmTRAN 1359
Aquatic AV 1866, 1867
Aquavibe Mag. 1745
Aquavibe Magnadyne CD/RCVR 1900
Blaupunkt 1480, 1481, 1499
Bose 1229, 1355, 1933
Clarion 1377, 1669
Denon 1360
Farenheit 1900, 1598
Harman/Kardon 1306, 2443
Honyas 1900
Insignia 2169
JBL 1306, 1457
Jensen 2045
JVC 1400, 2239, 2331
Kenwood 1313, 0337, 0338
KLH 1664, 1711
LG 2284
Magnadyne 1745
MB Quart 1318
Nakamichi 1313
Onkyo 1805, 2451
Panasonic 1288, 1399, 1763, 1764, 2221, 2967
Philips 2311, 1266, 2459
Pioneer 1456, 1935
Poly-Planar 1914
Samsung 1868
Sherwood 2169
Sherwood Newcastle 2169
Sony 1759, 1622, 1349, 1397, 1558, 1658, 1758, 1858, 2172, 2320, 1440, 2522
Sunfire 1313
Yamaha 2061, 0376, 1276, 1376, 1476
CHECKING THE CODES

If you have set up the Dolphin using the “Searching for Your Code” procedure, you may need to find out which four-digit code is operating your equipment:

For example, to find out which code is operating your TV:

1. Turn on your TV.
2. On the Dolphin, press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter 9 - 9 - 0. The LED will blink twice.
4. To view the code for the first digit, press 1 once. Wait 3 seconds and count the number of LED blinks (e.g., 3 blinks = 3) and write down the number in the leftmost TV Code box below.

   NOTE: If a code digit is “0”, the LED will not blink.

5. Repeat step 4 three more times for remaining digits. Use 2 for the second digit, 3 for the third digit, and 4 for the fourth digit. Finish writing down the code in the TV Code boxes below.

6. To check for the codes of your other components, repeat steps 1 through 5, but substitute the appropriate key (i.e., VCR, CBL/SAT, DVD, CD or RCVR) for the component you are checking. Write down the codes in the appropriate boxes below:

   TV Code
   __ __ __ __
   VCR Code
   __ __ __ __
   CBL/SAT Code
   __ __ __ __
   DVD Code
   __ __ __ __
   CD Code
   __ __ __ __
   RCVR Code

REASSIGNING DEVICE KEYS

The Dolphin can be set up to control a second TV or VCR, or any combination of four home entertainment components. For example, to have the Dolphin control a TV, a Cable Converter, and two VCRs, you will need to reassign the unused RCVR key to operate the second VCR as follows:

1. On the Dolphin, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 2. The LED will blink twice.
3. Press VCR once, then press RCVR once.
4. The RCVR key is now ready to be programmed for your second VCR. (See VCR Control, Programming on page 11.)

To reassign other device keys, repeat steps 1 through 4 by substituting the key sequence from the following chart for a desired component:

<table>
<thead>
<tr>
<th>To Reassign</th>
<th>Perform Key Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>TV as 2nd VCR key:</td>
<td>SETUP - 9 - 9 - 2 - VCR - TV</td>
</tr>
<tr>
<td>TV as 2nd RCVR key:</td>
<td>SETUP - 9 - 9 - 2 - RCVR - TV</td>
</tr>
<tr>
<td>TV as 2nd CBL/SAT key:</td>
<td>SETUP - 9 - 9 - 2 - CBL/SAT - TV</td>
</tr>
<tr>
<td>TV back to TV</td>
<td>SETUP - 9 - 9 - 2 - TV</td>
</tr>
<tr>
<td>VCR as 2nd TV key:</td>
<td>SETUP - 9 - 9 - 2 - TV - VCR</td>
</tr>
<tr>
<td>VCR as 2nd RCVR key:</td>
<td>SETUP - 9 - 9 - 2 - RCVR - VCR</td>
</tr>
<tr>
<td>VCR as 2nd CBL/SAT key:</td>
<td>SETUP - 9 - 9 - 2 - CBL/SAT - VCR</td>
</tr>
<tr>
<td>VCR back to VCR:</td>
<td>SETUP - 9 - 9 - 2 - VCR - VCR</td>
</tr>
<tr>
<td>RCVR as 2nd TV key:</td>
<td>SETUP - 9 - 9 - 2 - TV - RCVR</td>
</tr>
<tr>
<td>RCVR as 2nd VCR key:</td>
<td>SETUP - 9 - 9 - 2 - VCR - RCVR</td>
</tr>
<tr>
<td>RCVR as 2nd CBL/SAT key:</td>
<td>SETUP - 9 - 9 - 2 - CBL/SAT - RCVR</td>
</tr>
<tr>
<td>RCVR back to RCVR:</td>
<td>SETUP - 9 - 9 - 2 - RCVR - RCVR</td>
</tr>
</tbody>
</table>

Upon completion of a reassignment, the LED will blink twice to confirm your selection. At that time, you will also need to program the Dolphin to control the new component (as described earlier in this document).
SETTING VOLUME LOCK

The Dolphin can be set so that the volume control buttons will always control the same device no matter which device mode is selected.

If your TV is not remote controllable, or if you would like the volume to be controlled by a different component, you can change the Volume Lock setting to control volume through a non-associated mode (e.g., through the cable in the TV mode).

To Change Volume Lock to the CBL/SAT mode
1. On the Dolphin, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 3 and then press CBL/SAT once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the Dolphin, volume will be controlled by your Cable Converter or Satellite.

To Change Volume Lock to the TV mode
1. On the Dolphin, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 3 and then press TV once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the Dolphin, volume will be controlled by your TV.

To Change Volume Lock to the VCR mode
1. On the Dolphin, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 3 and then press VCR once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the Dolphin, volume will be controlled by your VCR.

To Change Volume Lock to the DVD mode
1. On the Dolphin, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 3 and then press DVD once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the Dolphin, volume will be controlled by your DVD Player.

To Change Volume Lock to the CD mode
1. On the Dolphin, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 3 and then press CD once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the Dolphin, volume will be controlled by your CD Player.

To Change Volume Lock to the RCVR mode
NOTE: Performing these steps will allow you to access the volume control of your audio component in all modes.
1. On the Dolphin, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 3 and then press RCVR once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the Dolphin, volume will be controlled by your audio component.

Clearing Volume Lock
The volume lock can be cleared so that the volume control buttons will control whatever device is selected.
To clear the volume lock:
1. On the Dolphin, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 3 and then press Volume Up. The LED will blink 4 times when unlocked.

Clearing Volume Lock for One Device
The volume lock can be cleared for one specific device so that the volume control buttons will control that device when it is selected.
To clear the volume lock for a specific device:
1. Press the device key for the unit to be unlocked.
2. On the Dolphin, press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter 9 - 9 - 3 and then press Volume Down. The LED will blink 4 times when unlocked.
USING THE LEARNING FEATURE

You can program the non-spa buttons to add functions that are unique to your home entertainment devices (e.g., VCR Tracking Up or Down).

NOTE: PLEASE HAVE YOUR ORIGINAL REMOTE CONTROLS ON HAND BEFORE PROGRAMMING THE LEARNING FEATURE. BE SURE TO PRESS EACH KEY WITHIN 10 SECONDS OF THE PREVIOUS ENTRY. IF 10 SECONDS PASS BETWEEN ENTRIES, THE REMOTE CONTROL WILL EXIT THE PROGRAMMING MODE.

Programming A Learning Key

1. Place your original remote control (e.g., TV remote control) at a 90˚ angle to the underside of the Dolphin Remote (1.5" to 2" apart). The original remote LED should point to the area directly in between the two footings on the underside of the Dolphin Remote. (See illustration on next page.)
2. Press and hold SETUP until the LED (red light) blinks twice, then release SETUP.
3. Enter 9 - 7 - 5. The LED will blink twice.
4. Press a device key once (e.g., TV) to assign a mode for learning.
5. Press an open learning key once (e.g., Guide) to store a feature to be learned. The LED will blink rapidly.

NOTE: THE DOLPHIN LED LIGHT MUST BE BLINKING IN ORDER TO PROGRAM. IF AT ANY TIME DURING PROGRAMMING, THE DOLPHIN LED STOPS BLINKING, GO BACK TO STEP 1 AND START AGAIN.

6. On your original remote control, press and hold the key feature to be learned until the LED on the Dolphin Remote Control blinks twice. If the LED does not blink twice, repeat steps 3 through 6.
7. To learn functions onto other learning keys, repeat steps 3 through 6.
8. To exit learning mode, press and hold SETUP until the LED blinks twice, then release SETUP or wait 10 seconds.
9. To test a learned feature, press a device key (e.g., TV) once where the learning mode was assigned. Then press the learning key (e.g., Guide) where the learned feature is stored.

Deleting Functions From The Learning Keys

1. Press and hold SETUP until the LED (red light) blinks twice, then release SETUP.
2. Enter 9 - 7 - 6. The LED will blink twice.
3. Press the device key once where the learned feature is stored (e.g., TV).
4. Press the learning key (e.g., Guide) twice. The LED will blink twice after the second press.
5. To clear additional functions stored on other learning keys, repeat steps 1 through 4 (in this section).

Feature Reset

This function will clear all volume lock and learned key functions. It does not clear device codes and mode reassignments.

1. On the Dolphin, press and hold SETUP until the LED (red light) blinks twice, then release SETUP.
2. Enter 9 - 8 - 0. The LED will blink 4 times when reset is complete.

NOTE: LEARNING SHOULD BE DONE INDOORS AND AWAY FROM FLUORESCENT LIGHTS.

Deleting Functions From The Learning Keys

1. Press and hold SETUP until the LED (red light) blinks twice, then release SETUP.
2. Enter 9 - 7 - 6. The LED will blink twice.
3. Press the device key once where the learned feature is stored (e.g., TV).
4. Press the learning key (e.g., Guide) twice. The LED will blink twice after the second press.
5. To clear additional functions stored on other learning keys, repeat steps 1 through 4 (in this section).

Feature Reset

This function will clear all volume lock and learned key functions. It does not clear device codes and mode reassignments.

1. On the Dolphin, press and hold SETUP until the LED (red light) blinks twice, then release SETUP.
2. Enter 9 - 8 - 0. The LED will blink 4 times when reset is complete.

NOTE: LEARNING SHOULD BE DONE INDOORS AND AWAY FROM FLUORESCENT LIGHTS.
USING THE IR/RF COMMAND CENTER

The Dolphin Remote Control (URC-1033BJ5-0000-R*) can be used with an optional IR/RF Command Center which receives radio-frequency (RF) signals from the Dolphin, up to 100 feet away.**

Once it is set up, the IR/RF Command Center will convert the RF signals into Infrared (IR) signals to control your home theater devices.

NOTE: The Dolphin remote control transmits both an IR and an RF signal simultaneously. It is your option whether you want to install the IR/RF Command Center for extended remote control range.

Setting Up The IR/RF Command Center

1. Find a location several feet in front of your home theater devices (TV, VCR, DVD, RCVR, etc.). It should provide line-of-sight access to your equipment and a power outlet to plug in the IR/RF Command Center.
2. Plug in the IR/RF Command Center’s power cord and raise the telescoping antenna.
3. Position the IR/RF Command Center so the black IR Lens is aimed at your home theater devices.
4. To test the IR/RF Command Center, take the Dolphin into another room in your home. Select a device key (e.g., TV) and press it once. Then press POWER once.

The device should turn on. If it does not turn on, review the steps 1 through 3 and make the necessary adjustments. Try step 4 again. If you continue to have a problem, perhaps there is an IR line-of-sight problem. Try adding the IR Signal Extension Cord. Also review the tips in Optimizing IR/RF Command Center Reception.

Adding The IR Signal Extension Cord

Included with the IR/RF Command Center is an IR Signal Extension Cord for use with a home theater device that is not in direct line-of-sight of the IR/RF Command Center.

If you are having problems remotely controlling a home theater device from another room, try performing the following installation:

1. Plug the 4’ IR Signal Extension Cord into the back of the IR/RF Command Center.
2. Run the IR Signal Extension Cord to the device that is not in line-of-sight of the IR/RF Command Center.

3. Using the supplied double-sided tape, attach the IR Signal Extension Cord so that its LED is over or next to the IR sensor of your home theater device.
4. Test the installation by again taking the Dolphin into another room in your home. Select a device key (e.g., TV) and press it once. Then press POWER once.

The IR/RF Command Center will convert the RF signal from the Dolphin into an IR signal and transmit that signal through the IR Signal Extension Cord to turn on your device (e.g., TV).

If it does not turn on, try repositioning the LED until the device can be controlled, then reattach the LED.

Optimizing IR/RF Command Center Reception

Here are some adjustment tips for optimizing the operation of your IR/RF Command Center:

- Aim the Dolphin toward the room where the IR/RF Command Center is located.
- Do not position the IR/RF Command Center near metal objects, such as heat ducts. Metal can block RF signals.
- Make sure the batteries in the Dolphin are fully charged. Try replacing them if you are not sure (see Installing Batteries on page 6). Weak batteries will affect the signal range.
- Make sure that the Dolphin is not being affected by other RF transmissions (e.g., garage door openers, cordless telephones, etc.).

NOTE: The Dolphin Remote will operate the Command Center at distances up to 100 feet in an open field. Range will be adversely affected by metal structures, objects blocking the signal path, antenna orientation or extension, radio frequency interference from other sources, or weak batteries in the Dolphin Remote.

* Found within the battery well
** Distance Note for Command Center
**COMPLIANCE WITH FCC RULES AND REGULATIONS**

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 a 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 or a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The user is cautioned that changes and modifications made to the equipment without the approval of the manufacturer could void the user's authority to operate the modified equipment.

**FCC Authorization Label**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference,
2. This device must accept any interference received, including interference that may cause undesired operation.

FCC ID #: MG31033-4

RF Command Center for Dolphin III Remote, depending on model:

Control: FCC Standards IC: 2575A-20300
Control: FCC Standards IC: 2575-4339BG0

**SPECIFICATIONS**

- **Remote Control Power**
  - 2 AA Batteries

- **IR/RF Command Center Power**
  - 120 VAC

- **Remote Control to IR/RF Command Center RF Range**
  - UPTO&EETM

- **IR/RF Command Center to Audio/Visual Equipment Range**
  - Up to 30 Feet (7.62 m) ± 30°

- **Remote Control Dimensions (H x W x D)**
  - 9-2/16 x 2-10/16 x 1-3/16 in.
  - 232 x 65 x 31 mm

- **IR/RF Command Center Dimensions (H x W x D)**
  - 1-9/16 x 5 -1/16 x 4 in
  - 39.7 x 128.6 x 101.6 mm

- **Remote Control Weight (without Batteries)**
  - 8 oz (220 g)

- **IR/RF Command Center Weight**
  - 10.4 oz (300 g)

NOTE: Specifications are typical. Individual units may vary. Specifications are subject to change and improvement without notice

*Distance may vary
TROUBLESHOOTING

PROBLEM: LED does not blink when you press a key.
SOLUTION: Replace the batteries with two (2) new AA alkaline batteries (see page 6).

PROBLEM: LED blinks when you press a key, but home entertainment component does not respond.
SOLUTION: Make sure you are aiming the Dolphin at your home entertainment component and that you are within 15 feet of the component you are trying to control.

PROBLEM: The Dolphin does not control home entertainment components or commands are not performing properly.
SOLUTION: Try all listed codes for the component brand being set up. Make sure all components can be operated with an infrared remote control.

PROBLEM: TV/VCR combo does not respond properly.
SOLUTION: Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation (see pages 8-15).

PROBLEM: No volume on a second TV.
SOLUTION: Follow instructions in Changing Volume Lock (see pages 24-25).

PROBLEM: CH+, CH–, and LAST do not work for your RCA TV.
SOLUTION: Due to RCA design (1983-1987), only the original remote control will operate these functions.

PROBLEM: Changing channels does not work properly.
SOLUTION: If original remote control required pressing ENTER to change channels, press ENTER on the Dolphin after entering a channel number.

PROBLEM: Tried “Search Method” and still could not find a working code.
SOLUTION: Try the “Search Method” again after clearing out the device key as follows: Press and hold ENTER until red light blinks twice, then release. Next enter 9 - 9 - 2. Then press and release the device key to be cleared twice.

PROBLEM: Dolphin does not control spa (but does control other devices).
SOLUTION: If spa has RF receiver: 1) Try it at different distances. You may be too close or too far away. 2) Make sure the correct address is set on the spa for the set up code you entered on the Dolphin. Set the spa address back to 0. If your spa has addressing capability, enter set up code 0000 on the Dolphin. If that works, set a new address on the spa, and enter the corresponding set up code on the Dolphin.

If it stops working again, the necessary equipment for address is probably not installed in your spa. In that case, set it back to 0/0000 and leave it there.

PROBLEM: Dolphin and spa are set to an address but still experiencing interference from neighbor’s spa.
SOLUTION: You and your neighbor may have chosen the same address. Choose a different address and corresponding set up code.

PROBLEM: My spa was just serviced. Everything works now, except for my remote.
SOLUTION: Reprogram the spa address last used. Repeat the Spa Addressing procedure if you don’t remember the address.