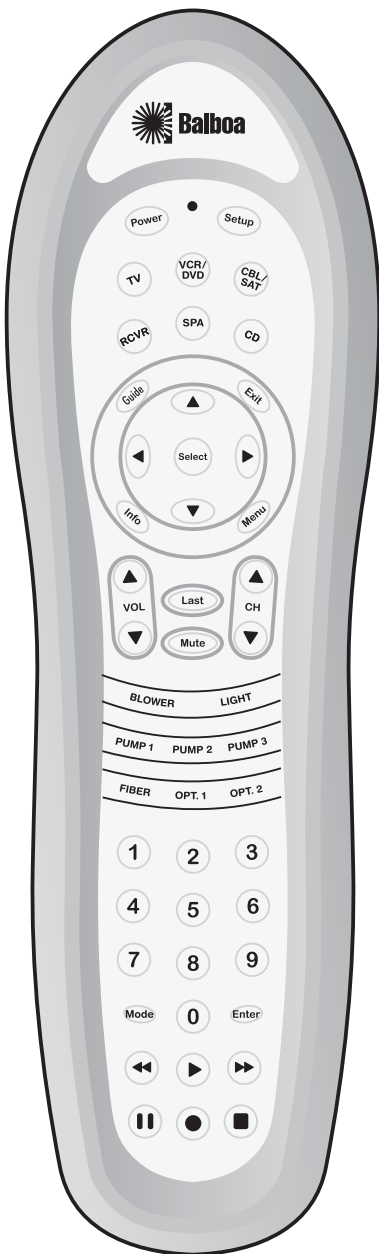


# Balboa Dolphin® III

Water Resistant Remote Control



**BALBOA**<sup>™</sup>  
water group

P/N 42012 A 12/07/2010

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# 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.

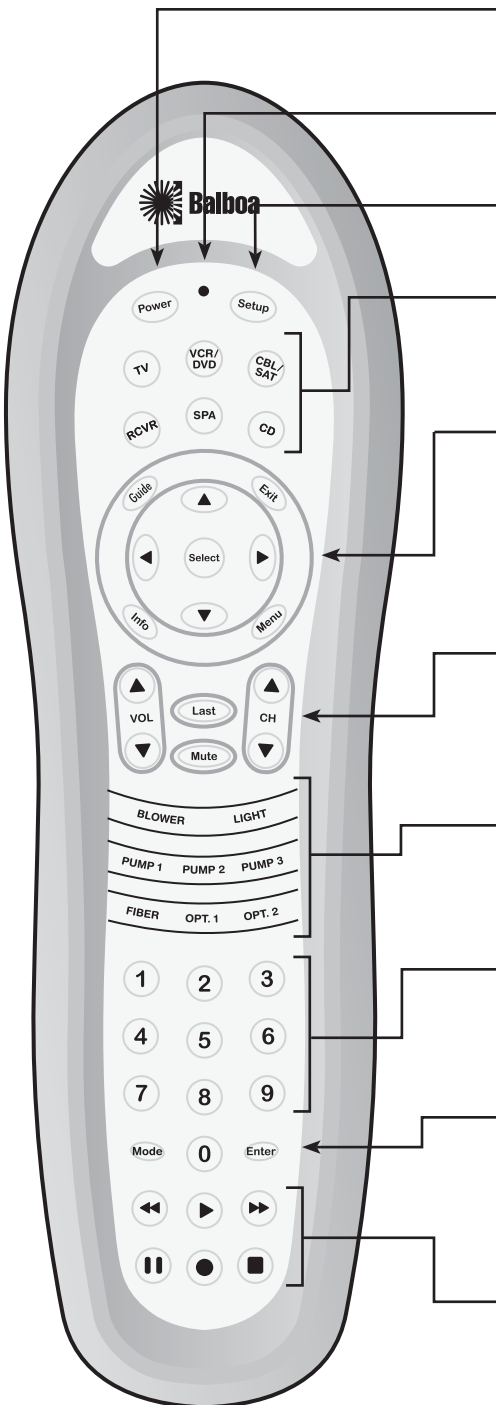
## IMPORTANT! PLEASE READ

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...

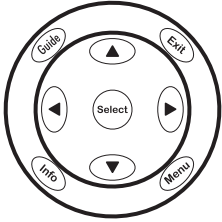
## FEATURES AND FUNCTIONS

...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

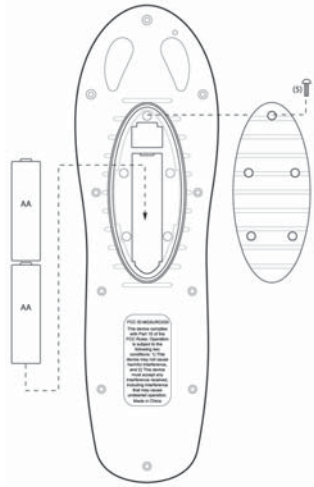
Whenever batteries need to be replaced, the Dolphin will blink twice with every key press. Simply replace the batteries. The Dolphin retains your favorite settings.

## 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:

Set Up Code	Spa Address
0000	0 (no address)
0008	1
0080	2
0088	3
0800	4
0808	5
0880	6
0888	7
6. Write your Set Up code and Spa Address in the boxes below for future reference.

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	=	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	---	----------------------

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.

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

## TVs, Setup Codes

Admiral	0463
Akai	0812, 1675, 2232
America Action	0180
Anam	0180
AOC	1365, 1589, 1590, 2014, 2087, 2402, 2479
Apex Digital	1217, 2397
AquaVision	1861, 1862
Audiovox	0180, 0802, 0875
Aurora Systems	0801
Aventura	0171
Blaupunkt	0763
Bradford	0180
Broksonic	0463
Casio	1205
CCD TV	0463
Clarion	0180
Coby	1634, 2306, 2314, 2315, 2326, 2338, 2340, 2344, 2345, 2348, 2350, 2560
Commercial Solutions	1447

Concept	0763
Contec	0180
Craig	0180
Crown	0180
Curtis	2352, 2466
CXC	0180
Dell	1863
Directed Video	1131
Durabrand	0463, 0180, 0171
Dynex	2049, 2184
Electrograph	1755
Electrohome	0463, 1670
Element	1687, 2183
Emerson	1864, 1394, 0463, 0180, 0171
Emprex	1422
Envision	1365, 1589, 2014, 2087
ESA	0812, 0171
Fahrenheit TV	1598
Funai	0180, 0171
Futuretech	0180
Gateway	1755, 1756
GE	1447
GFM	0171
Grunpy	0180
Haier	1749, 2309
Hanns.G	1783
Hannspree	1348, 1351, 1745, 1783
Harvard	0180
Helios	0865
Hisense	1660
Hitachi	1643
iLo	1603, 1684, 1990
Initial	1603, 1990
Insignia	2049, 1423, 1564, 0171, 1204, 1517, 1660, 1892, 2002, 2417
Jensen	1299
JVC	1774, 0463, 0731, 1601
JVC Monitor	0731
KDS	1498, 1687
KEC	0180
Kost	1262, 1483
KTV	0180, 1593
LG	1423, 1530, 2358, 2424
MAG	1498, 1687
Magnavox	1454, 1866, 0802, 1365, 1990, 2372
Marantz	1454, 1398, 2447
Maxent	1755
MB Quart	1868
Memorex	0463, 1670, 1892
Micro	1436
Mintek	1603, 1990
Mitsubishi	1250
Multitech	0180
NEC	1398, 1797
Nesa	0763
NetTV	1755
Nexus Electronics	2183
Norcent	1365, 1589, 1590, 2110
Odessey	1131
Olevia	1610, 1144, 1240, 1331
Onwa	0180
Optoma	1348
Orion	0463

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
Sole	1483, 1530
Sony	0810
Soundesign	0180
Spectroniq	1498, 1687
Squareview	0171
SSS	0180
Starlite	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
Vidikron	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.

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

## VCRs, Setup Codes

Asha	0240
Beaumarck	0240
Clarion	0800, 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

Panasonic	0614, 0616
Penney	0240
Philips	0739, 0618
Profitronic	0240
Proscan	0060
RCA	0060, 0240
ReplayTV	0614, 0616
Samsung	0240, 0889
Sanyo	0240
Shogun	0240
Sonic Blue	0614, 0616
Sony	0032, 0240, 0636
Tivo	0739, 0618, 0636
TMK	0240
Totevision	0240
Unitech	0240
Videosaic	0240
Wards	0060, 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.

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

## DVD Players, Setup Codes

Accurian	0675
Allegro	0869
Anaba	0813
Apex Digital	0717, 1056
Arrgo	1023
Audiovox	0717
BBK	1224
Bel Canto Design	1571
Blaupunkt	0717
Boss Audio Systems	1680
California Audio Labs	0490
Cinea	0831
CineVision	0869
Clarion	0891, 0892, 1039, 1559
Concept	1564
Craig	0831
CyberHome	0816, 1023, 1502
Daewoo	0869
Denon	0490, 1634, 2258
Disney	0675, 1270
Durabrand	1023
Emerson	0675, 0591
Enterprise	0591
Fahrenheit	0887, 0890, 1054, 1066, 1142
Funai	0675
GE	0522, 0717
GFM	0675
Go Video	0741, 0869, 1044, 1075
GoldStar	0741, 0869
Greenhill	0717
Grundig	0539
Harman/Kardon	0582, 0702, 1229
Hello Kitty	0831
Hitachi	0573
Honyas	1142
Humax	1500
iLo	1472
Initial	0717, 1472
Insignia	0675, 2095, 2428, 2596
Integra	2147, 1769, 0627, 1634
Irradio	0646
JBL	0702
Jensen	1700, 1067
JVC	0623, 1164, 1550, 1872, 2365
KEC	1238, 1146
Kenwood	0490, 0534
KLH	0717
Lanzar	1398
LG	0741, 0591, 0869
Magnavox	0539, 0503, 0675, 0646, 1472, 1506
Marantz	0539, 2414
Memorex	0831, 1270, 2213
Microsoft	0522, 2083
Mintek	0717, 1472
Mitsubishi	1521
NAD	0741
Nesa	0717, 1603
Onkyo	0503, 2147, 1769, 0627, 2215
Oppo	0575, 1224, 2545

Optiview	0813
Panasonic	0490, 0503, 1641, 1762
Philco	0675
Philips	2056, 0539, 0503, 0675, 2084, 0646, 1340, 1506, 2434
Pioneer	0142, 0631, 1460, 1512, 1571, 2442
Polk Audio	0539
Presidian	0675
Proscan	0522
Pyle	1300, 1746
RCA	0522, 1769, 0717, 0822, 2213
Rio	0869
Rotel	0623
Samsung	0573, 0490, 0199, 1044, 1075, 1470, 2069, 2329, 2369, 2489, 2556
Schneider	0646
Sharp	0675, 0630, 2250
Shinonic	0533
Sonic Blue	0869
Sony	1633, 0533, 0864, 1033, 1070, 1431, 1516, 1536
Sound Mobile	1298
Starvision	1300
Sylvania	0675
Symphonic	0675
Technics	0490
Tivo	1503, 1512
Toshiba	0503, 1769, 1503, 1510, 1608, 2006, 2277, 2705
TView	0813
Urban Concepts	0503
Valor	1298
Viore	2553
Vizio	2563
Xbox	0522, 2083
Yamaha	0490, 0539, 0646, 0497, 0817, 2298, 2558
Zenith	0503, 0741, 0591, 0869

## 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.

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

## Cable Boxes, Setup Codes

AT&T	0858
Bright House	1376, 1877
Cable One	1376, 1877
Cablevision	1376, 1877
Charter	1376, 1877, 2187
Cisco	1877, 0858, 1982, 2345
Comcast	1376, 1877, 1982, 2576
Cox	1376, 1877
Digeo	1187, 2187
Insight	1376, 1877



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
TimeWarner	1376, 1877, 2187
Tivo	2576
Verizon	2378
WideOpenWest	1877

## Satellite Boxes, Setup Codes

Bell ExpressVu	0775
Crossdigital	1109
DirecTV	1377, 0392, 0566, 0639, 1142, 0247, 0749, 1749, 1856, 1076, 1109, 1414, 1442, 1609
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
MegaSat	1551
Mitsubishi	0749
Motorola	0869
Next Level	0869
Panasonic	0247, 0701
Pansat	1551
Philips	1142, 0749, 1749, 1076, 1442
Proscan	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.

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

## CD Players, Setup Codes

Aiwa	0157
Arcam	0157
California Audio Labs	0029
Carver	0157
DKK	0000
DMX Electronics	0157
Genexxa	0032
Harman/Kardon	0157
Hitachi	0032
Integra	0101
JVC	0072
Kenwood	0028
Krell	0157
Linn	0157
Magnavox	0157
Marantz	0029, 0157
MCS	0029
Miro	0000
Mission	0157
Myryad	0157

NSM	0157
Onkyo	0101
Optimus	0000, 0032
Panasonic	0029
Philips	0157
Pioneer	1062, 0032
Polk Audio	0157
Proton	0157
QED	0157
Quad	0157
Quasar	0029
RCA	1062, 0032
Rotel	0157
SAE	0157
Sansui	0157
Sonic Frontiers	0157
Sony	0000, 0185
TAG McLaren	0157
Technics	0029
Victor	0072
Wards	0157
Yamaha	0036f

## AUDIO CONTROL, PROGRAMMING

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.

--	--	--	--

NOTE: Remember to use the Dolphin to operate your audio component, press RCVR first.

## Audio - Amplifier Setup Codes

Bose	0674
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## Audio - Stereo Receivers/Tuners Setup Codes

AmTRAN	1359
Aquatic AV	1866, 1867
Aquavibe Mag.	1745
Aquavobe Magnadyne CD/RCVR	1900
Blaupunkt	1480, 1481, 1499
Bose	1229, 1355, 1933
Clarion	1377, 1669
Denon	1360
Fahrenheit	1900, 1598
Harman/Kardon	1306, 2443
Honyas	1900
Insignia	2169
Integra	1805
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:

To Reassign	Perform Key Sequence
TV as 2nd VCR key:	SETUP - 9 - 9 - 2 - VCR - TV
TV as 2nd RCVR key:	SETUP - 9 - 9 - 2 - RCVR - TV
TV as 2nd CBL/SAT key:	SETUP - 9 - 9 - 2 - CBL/SAT - TV
TV back to TV	SETUP - 9 - 9 - 2 - TV - TV
VCR as 2nd TV key:	SETUP - 9 - 9 - 2 - TV - VCR
VCR as 2nd RCVR key:	SETUP - 9 - 9 - 2 - RCVR - VCR
VCR as 2nd CBL/SAT key:	SETUP - 9 - 9 - 2 - CBL/SAT - VCR
VCR back to VCR:	SETUP - 9 - 9 - 2 - VCR - VCR
RCVR as 2nd TV key:	SETUP - 9 - 9 - 2 - TV - RCVR
RCVR as 2nd VCR key:	SETUP - 9 - 9 - 2 - VCR - RCVR
RCVR as 2nd CBL/SAT key:	SETUP - 9 - 9 - 2 - CBL/SAT - RCVR
RCVR back to RCVR:	SETUP - 9 - 9 - 2 - RCVR - RCVR

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

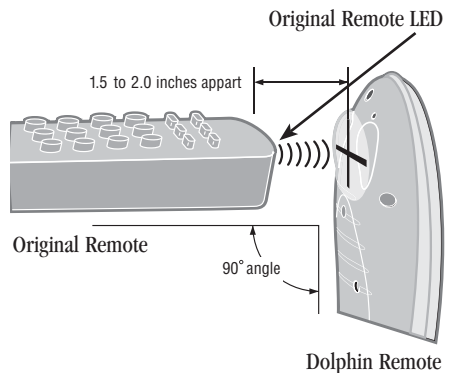
1. Press and hold SETUP until the LED (red light) blinks twice, then release SETUP.
2. Enter 9 - 7 - 6. The LED will blink twice.
3. Press the device key once where the learned feature is stored (e.g., TV).
4. Press the learning key (e.g., Guide) twice. The LED will blink twice after the second press.
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.**



## 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***

up to 100 Feet (30.48 m)\*

### ***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





