Balboa Dolphin® II
Water Resistant Remote Control
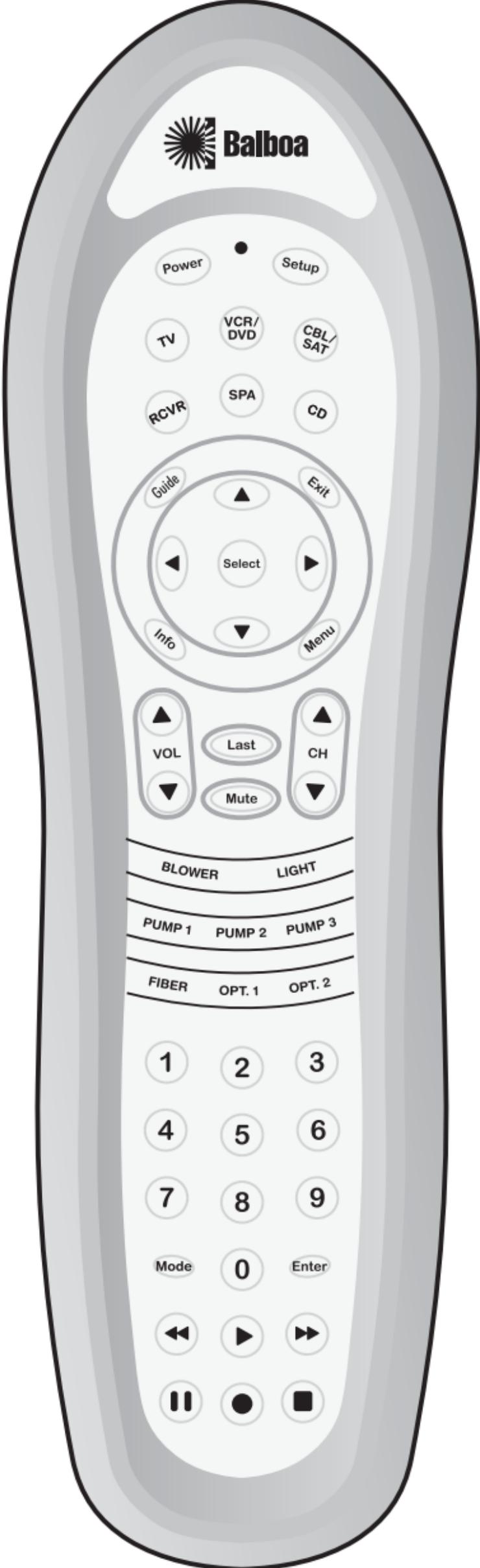
BALBOA
water group

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INTRODUCTION

The Dolphin® II 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®
II Remote features and study the key locations (on
these two pages) to learn how they function.
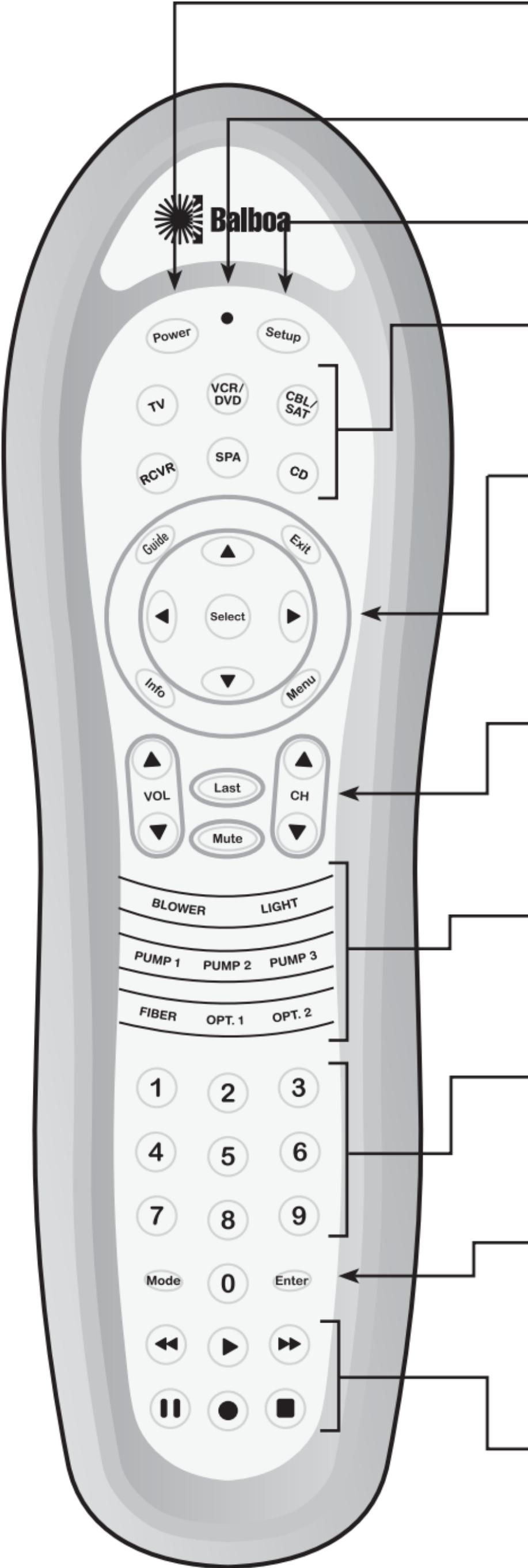
Press POWER once to turn on or off the selected home entertainment component.

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.

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.
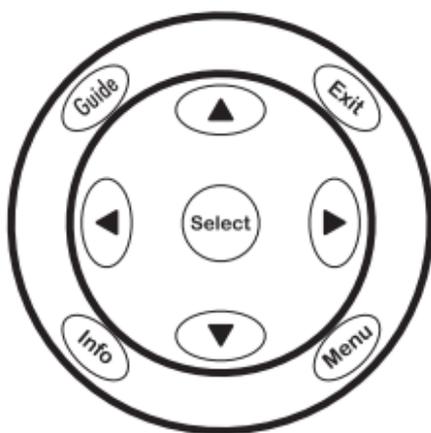
Use SELECT to choose options, PPV events, and to tune programs from the program guide.

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 door. 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.

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SPA ADDRESSING

The Dolphin II 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.

   ⬜ ⬜ ⬜ ⬜ – ⬜

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

Battery Installation (from previous page)
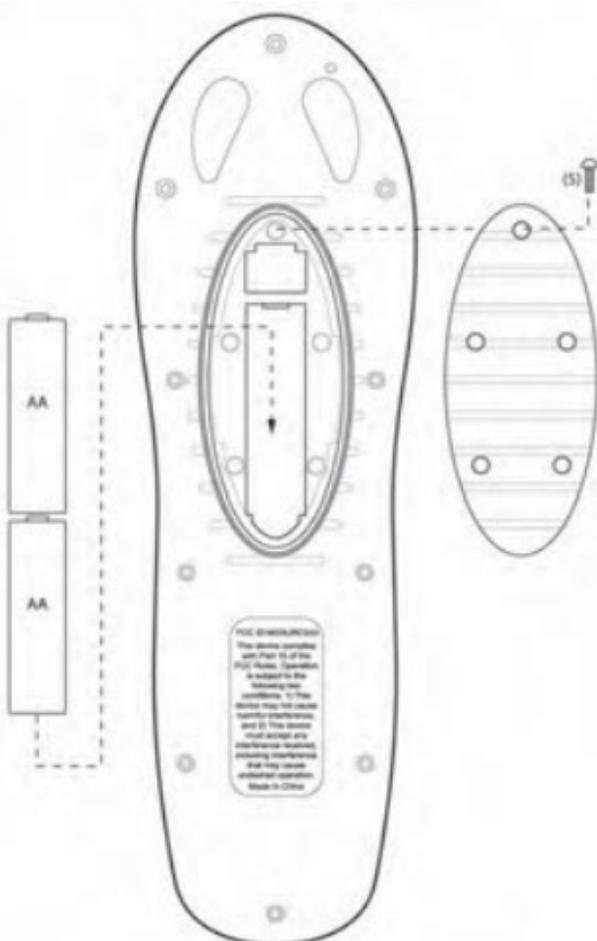
PROGRAMMING TV CONTROL

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 25).

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.

Setup Codes for TVs:

Brand	Codes
Admiral	0463, 0093
Advent	0761, 0842
Aiko	0092
Akai	0702, 0672, 0030, 0812
Albatron	0700
Alfide	0672
America Action	0180
Anam	0180
AOC	0030
Apex Digital	0748, 0765, 0879, 0767
Audinac	0180
Audiovox	0451, 0180, 0092, 0623
Aurora Systems	0801
Baysonic	0180
Bell & Howell	0154
Blaupunkt	0763
Blue Sky	1254
Bradford	0180
Broksonic	0463, 0236
Candle	0030
Carnivale	0030
Carver	0054
Casio	1205

CCD TV	0463
Celebrity	0000
Celera	0765
Changhong	0765
Cineral	0451, 0092
Citizen	0060, 0030, 0092
Clarion	0180
Concept	0763
Contec	0180
Craig	0180
Crosley	0054
Crown	0180, 0672
Crown Mustang	0672
Curtis Mathes	0047, 0054, 0154, 0451, 0093, 0060, 0702, 0030, 0145, 0166, 1147, 1347
CXC	0180
Daewoo	0451, 1661, 0672, 0092, 0623
Denon	0511, 0145
Dumont	0017
Durabrand	0463, 0180, 0178, 0171
Electroband	0000
Elektra	0017, 1661
Emerson	0154, 0463, 0180, 0236, 0178, 0171, 0623
Envision	0030
Farenheit	1598
Fisher	0154
Fujitsu	0683, 0809
Funai	0180, 0171
Futuretech	0180
Gateway	1755, 1756
GE	0047, 0051, 0451, 0178, 1147, 1347, 1447
Gibralter	0017, 0030
GoldStar	0030, 0178
Goodmans	0360
Gradiente	0053
Grundig	0672
Grunpy	0180
Hallmark	0178
Harman/Kardon	0054
Harvard	0180
Havermy	0093
Hello Kitty	0451
Himitsu	0180
Hisense	0748
Hitachi	0145, 1145
Infinity	0054
Initial	1990
Inteq	0017
IRT	0451, 1661
JBL	0054
JCB	0000
Jensen	0761, 1299
JVC	0463, 0053, 1253, 0731
KEC	0180
Kenwood	0030
Kioto	0054, 0706
KLH	0765, 0767
Kost	1262, 1483
KTV	0180, 0030, 1593
LG	0030, 0178
Loewe	0136
LXI	0047, 0054, 0154, 0156, 0178
M & S	0054
Magnavox	0054, 0706, 0030, 1454, 1254
Marantz	0054, 0030

Matsushita	0250, 0650
Megapower	0700
Megatron	0178, 0145
Memorex	0154, 0463, 0150, 0178
MGA	0150, 0030, 0178
Micro Model	1436
Midland	0047, 0017, 0051
Misc	1530
Mitsubishi	0093, 0150, 1250, 0178, 0836
Monivision	0700
Motorola	0093
MTC	0060, 0030
Multitech	0180
NAD	0156, 0178, 0866
NEC	0030, 1704
Nesa	0763
Nikko	0030, 0178, 0092
Noblex	0154
Norcent	0748
NTC	0092
Onwa	0180
Optimus	0154, 0250, 0166, 0650
Optonica	0093
Orion	0463, 0236
Panasonic	0051, 0250, 0650
Penney	0047, 0156, 0051, 0060, 0030, 0178, 1347
Philco	0054, 0463, 1661, 0030, 0145
Philips	0054, 1454, 0690
Pilot	0030
Pioneer	0166, 0866, 0679, 1398
Portland	0092
Prima	0761
Princeton	0700
Prism	0051
Proscan	0047, 1347, 1447
Proton	0178
Pulsar	0017
Quasar	0051, 0250, 0650
RadioShack	0047, 0154, 0180, 0030, 0178
RCA	0047, 0060, 1047, 1147, 1247, 1347, 1447,1547, 0679
Realistic	0154, 0180, 0030, 0178
Runco	0017, 0030
Sampo	0030, 1755
Samsung	0060, 0702, 0030, 0178, 1060, 0812, 0814, 1575, 1312
Sansei	0451
Sansui	0463
Sanyo	0088, 0154
Scotch	0178
Scott	0180, 0236, 0178
Sears	0047, 0054, 0154, 0156, 0178, 0171
Semivox	0180
Semp	0156, 1356
Sharp	0093, 0818, 1393
Sheng Chia	0093
Signet	0800, 0844, 1262
Sony	0000, 1100
Soundesign	0180, 0178
Squareview	0171
SSS	0180
Starlite	0180
Sunbrite	1435, 1420
Supreme	0000
SVA	0748, 0865

Sylvania	0054, 0030, 0171
Symphonic	0180, 0171
Tandy	0093
Tatung	1756
Technics	0051, 0250
Techwood	0051
Teknika	0054, 0180, 0150, 0060, 0092
Telefunken	0702
TMK	0178
TNC	0017
Tophouse	0180
Toshiba	0154, 0156, 0093, 0060, 1156, 1356, 1656, 1704, 0650, 1256
TVS	0463
V Inc.	1756
Vector Research	0030
Victor	0053
Vidikron	0054
Vidtech	0178
Viewsonic	1755
Wards	0054, 0030, 0178, 1156, 0866
Waycon	0156
White Westinghouse	0463, 0623, 1577
Yamaha	0030
Zenith	0017, 0463, 0178, 0092

PROGRAMMING VCR CONTROL

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 25).

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.

Setup Codes for VCRs:

Brand	Codes
ABS	1972
Admiral	0048, 0209
Adventura	0000
Aiwa	0124, 0000, 0037
Akai	0175
Alienware	1972
American High	0035
Asha	0240
Audiovox	0037
Beaumark	0240

Bell & Howell	0104
Broksonic	1479, 0184, 0121, 0209, 0002
Calix	0037
Canon	0035
Carver	0081
CCE	0072
Citizen	1278, 0037
Clarion	0889, 0888
Colt	0072
Craig	0037, 0047, 0240, 0072
Curtis Mathes	1035, 0035, 0060, 0162
CyberPower	1972
Cybernex	0240
Daewoo	1278, 0045
Dell	1972
Denon	0042
DirecTV	0739
Durabrand	0039
Dynatech	0000
Electrohome	0037
Electrophonic	0037
Emerex	0032
Emerson	1479, 1278, 0000, 0037, 0184, 0121, 0043, 0209, 0002
Fisher	0047, 0104
Fuji	0035, 0033
Funai	0000
Garrard	0000
Gateway	1972
GE	1035, 1060, 0807, 0035, 0060, 0240
Goldstar	1237, 0037
Gradiente	0000
Harley Davidson	0000
Harman/Kardon	0081
Harwood	0072
Hewlett Packard	1972
Hitachi	0000, 0042
HI-Q	0047
Howard Computer	1972
HP	1972
Hughes Network Systems	0739, 0042
IBUYPOWER	1972
Jenson	0889
JVC	0067
KEC	0037
Kenwood	0067
KLH	0072
Kodak	0035, 0037
LG	0037
Lloyd's	0000
Logik	0072
LXI	0037
Magnasonic	1278
Magnavox	1781, 0000, 0035, 0039, 0081
Magnin	0240
Marantz	0035, 0081
Marta	0037
Matsushita	0035, 0162
Media Center PC	1972
MEI	0035
Memorex	1237, 0000, 0035, 0037, 0048, 0039, 0047, 0162, 0240, 0104, 0209
MGA	0240, 0043
MGN Technology	0240
Microsoft	1972
Mind	1972

Minolta	0042
Mitsubishi	0807, 0067, 0043
Motorola	0035, 0048
MTC	0000, 0240
Multitech	0000, 0072
NEC	0067, 0104
Nikko	0037
Noblex	0240
Northgate	1972
Olympus	0035
Onkyo	0222
Optimus	0037, 1062, 0048, 0162, 0104
Orion	1479, 0184, 0209, 0002
Panasonic	0225, 1035, 0616, 0035, 1062, 0162
Penney	1237, 1035, 0035, 0037, 0042, 0240
Pentax	0042
Philco	0035, 0209
Philips	0618, 0739, 0035, 0081
Pilot	0037
Pioneer	0067
Polk Audio	0081
Profitronic	0240
Proscan	1060, 0060
Protec	0072
Pulsar	0039
Quasar	1035, 0035, 0162
RadioShack	0000
Radix	0037
Randex	0037
RCA	1035, 1060, 0807, 0880, 0060, 0042, 0240, 0060
Realistic	0000, 0035, 0037, 0048, 0047, 0104
ReplayTV	0614, 0616
Runco	0039
Samsung	1014, 0045, 0240
Sanky	0048, 0039
Sansui	1479, 0000, 0067, 0209
Sanyo	0159, 0047, 0240, 0104
Scott	0184, 0045, 0121, 0043
Sears	1237, 0000, 0035, 0037, 0047, 0042, 0104
Semp	0045
Sharp	0807, 0048
Shintom	0072
Shogun	0240
Singer	0072
Sonic Blue	0614, 0616
Sony	1232, 0000, 0636, 1972, 0032, 0035, 0033
STS	0042
Sylvania	1781, 0000, 0035, 0081, 0043
Symphonic	0000
Systemax	1972
Tagar Systems	1972
Teac	0000
Technics	0035, 0162
Teknika	0000, 0035, 0037
Thomas	0000
Tivo	0618, 0636, 0739, 1503
TMK	0240
Toshiba	0845, 1145, 1503, 1008, 1972, 0045, 0043
Totevision	0037, 0240
Touch	1972

Unitech	0240
Vector	0045
Video Concepts	0045
Videomagic	0037
Videosonic	0240
Viewsonic	1972
Villain	0000
Wards	0000, 0035, 0060, 0048, 0047, 0081, 0042, 0240, 0072
White Westinghouse	0209, 0072
XR-1000	0000, 0035, 0072, 0035
Zenith	1479, 0000, 0039, 0033, 0209
ZT Group	1972

PROGRAMMING CABLE CONVERTER (OR SATELLITE RECEIVER) CONTROL

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 25).

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.

Setup Codes for Cable Converters:

ABC	0003, 0008
Americast	0899
Bell South	0899
Director	0476
General Instruments	0476, 0810, 0276, 0003
GoldStar	0144
Jerrold	0476, 0810, 0276, 0003
Memorex	0000
Motorola	0476, 1376, 0810, 0276
Pace	1877, 0237
Panasonic	0000
Paragon	0000
Philips	0305, 0317
Pioneer	0877, 1877, 0144, 0533
Pioneer	0533
Pulsar	0000
Quasar	0000
Runco	0000
Samsung	0144
Scientific Atlanta	0877, 1877, 0477, 0008
Starcom	0003
Supercable	0276
Torx	0003
Toshiba	0000
Zenith	0000, 0525, 0899

Setup Codes for Satellite Receivers:

AlphaStar	0772
Century	0856
Chaparral	0216
DirecTV	0566, 0639, 1639, 1640, 0247, 0749, 1749, 1142, 1442, 0724, 0819, 1856, 0392, 1392, 1414, 1109, 1444, 1076, 0099
Dish Network System	0775, 1005, 1170
DishPro	0775, 1005
Echostar	0775, 1005, 1170
Expressvu	0775
GE	0566
General Instruments	0869
GOI	0775
Goodmans	1246
Gradiente	0856
Hitachi	0819
HTS	0775
Hughes Network Systems	0749, 1749, 1142, 1442, 1443, 1444
Innova	0099
JVC	0775, 1170
LG	1226, 1414
Magnavox	0724, 0722
Mega Sat	1551
Memorex	0724
Mitsubishi	0749
Motorola	0869
NEC	1270
Netsat	0099
Next Level	0869
Panasonic	0701, 0247

Paysat	0724
Philips	0749, 1749, 1142, 1442, 0724, 0722, 0856, 1076, 0099
Proscan	0566, 0392
RadioShack	0869
RCA	0566, 0143, 0855, 0392, 1392
SKY	0856, 1856, 0099
Samsung	1276, 1109
Sanyo	1219
Sony	0639, 1639, 1640
Star Choice	0869
Tivo	1142, 1442, 1443, 1444
Toshiba	0749, 1749, 0790, 1285
UltimateTV	1640, 1392
Uniden	0724, 0722
Voom	0869
Zenith	0856, 1856

PROGRAMMING DVD CONTROL

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 25).

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.

Setup Codes for DVD Players:

Allegro	0869
Anaba	0813
Apex Digital	0672, 1020, 0794, 0796, 0797, 1100, 1004, 0755, 1056, 1061, 0830, 0717
Aspire Digital	1168
Audiovox	1072
Axion	1072
Blaupunkt	0717
Blue Parade	0571
Boss	1680
Broksonic	0695
Cinevision	0876, 0869
Clarion	0891, 0892, 1039, 1559
Coby	1086
Concept	1564
Curtis Mathes	1087
CyberHome	0816, 1023, 1024, 1117, 1129
Daewoo	1172, 0784, 0869, 0833
Denon	0490
Dual	1068, 1085
DVD2000	0521
Emerson	0591, 0675
Enterprise	0591
Fahrenheit	0887, 0890, 1054, 1066, 1142
Fisher	0670
Funai	0675
Gateway	1158, 1073
GE	0522, 0815, 0717
Go Video	0783, 1099, 1730, 0869, 0833, 0715, 0744, 1075
GPX	0699
Gradiente	0651
Greenhill	0717
Harman/Kardon	0582, 0702
Hitachi	0573, 0664, 0695
Hiteker	0672
Honyas	1142
Initial	0717, 1472
IRT	0783
JBL	0702
Jensen	1016, 1700
JVC	0558, 0623, 0867, 1872
KEC	1238
Kenwood	0490, 0534
KLH	1020, 0717
Koss	0651
Lanzar	1398
Lasonic	0798
Lite-On	1058, 1158
Loewe	0511
Magnavox	0503, 0675
Marantz	0539
Memorex	0695
Microsoft	0522
Mintek	0839, 0717
Mitsubishi	0521, 1521
NEC	0785
Nesa	0717, 1603
Norcent	1003
Onkyo	0792, 0503
Optiview	0813
Oritron	0651
Panasonic	0490, 1762,
Philips	0503, 0539, 0646, 0854

Pioneer	0525, 0571
Polaroid	1086, 1061
Polk Audio	0539
Proscan	0522
Pyle	1300, 1746
Qwestar	0651
RCA	0522, 0571, 0822, 1132, 1022, 0717
Rio	0869
Rotel	0623
Rowa	0823
Sampo	0752
Samsung	0490, 0573, 0744, 0820, 1075
Sansui	0695
Sanyo	0670, 0873, 0695
Semp	0503
Sharp	0752, 0630
Sharper Image	1117
Sherwood	0770
Shinsonic	0533, 0839
Sonic Blue	1099, 0869
Sony	0533, 1033, 0864
Sound Mobile	1298
Starvision	1300
Superscan	0821
Sylvania	0675
Symphonic	0675
T-View	0813
Teac	0809
Technics	0490
Theta Digital	0571
Toshiba	0503, 1154, 0695
Tredex	0799
US Logic	0839
Urban Concepts	0503
Xbox	0522
Yamaha	0490, 0539, 0545
Zenith	0503, 0591, 0869

PROGRAMMING CD CONTROL

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 25).
5. Write your CD code in the boxes below for future reference.

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

Setup Codes for CD Players:

Brand	Codes
Aiwa	0157
Burmester	0420
California Audio Labs	0029, 0303
Carver	0157, 0179, 0437
CCE	0157
Classic	1297
Denon	0003, 0873
DKK	0000
DMX Electronics	0157
Emerson	0305
Fisher	0179, 1325
Garrard	0420, 0393
Genexxa	0032, 0305
GPX	1296
Harman/Kardon	0157, 0173, 1202
Hitachi	0032
Integra	0101
JVC	0072, 1294
Kenwood	0826, 0626, 0028, 0037, 0190, 0681
KHL	1711

KLH	1318
Koss	1317
Krell	0157
LG	1208
Linn	0157
LXI	0305
Magnavox	0157, 0305
Marantz	0626, 0029, 0157, 0180
Mark Levinson	1484
Matsui	0157
MCS	0029
Miro	0000
Mission	0157
MTC	0420
Nikko	0174, 0164, 0170
NSM	0157
Onkyo	0101, 0868
Optimus	1063, 0032, 0000, 0179, 0305, 0037, 0420, 0145, 0468, 0437, 1075
Panasonic	0029, 0303
Parasound	0420
Philips	0626, 0157
Pioneer	1063, 0032, 0305, 0468, 1062, 1087
Polk Audio	0157
Proton	0157
QED	0157
Quad	0157
Quasar	0029
Radio Shack	1075
RCA	0032, 0179, 0305, 0053, 0468, 0764, 0420
Realistic	0179, 0420, 0180
Rotel	0157, 0420
SAE	0157
Sansui	0157, 0305
Sanyo	0179
Scott	0305
Sears	0305
Sharp	0861, 0037, 0180
Sherwood	1067, 0180
Sonic Frontiers	0157
Sony	0490, 0000, 0185, 0100, 1364
Soundesign	0145
Symphonic	0305
TAG McLaren	0157
Tascam	0420
TDK	1208
Teac	0420, 0393, 0180
Technics	0029, 0303
Tivoli Audio	1553
Victor	0072
Wards	0157, 0053
Yamaha	0888, 0036, 0187, 1292
Yorx	0461
Zonda	0157

PROGRAMMING AUDIO CONTROL

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 25).

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.

Setup Codes for Stereo Receivers/Tuners:

ADC	0531
Aiwa	1243, 1405, 0158, 0189, 0121
Akai	1255
Alco	1390
Anam	1609, 1074
Anam	1609

Apex Digital	1257, 1430
Audiotronic	1189
Audiovox	1390
Blaupunkt	1480, 1481, 1499
Bose	1229, 0639, 1253, 1355
Capetronic	0531
Carver	1189, 0189
Clarion	1377, 1669
Coby	1263
Dell	1383
Denon	1360
Farenheit	1900, 1598
Glory Horse	1263
Harman/Kardon	0110, 0189
Hitachi	1273
Honyas	1900
Integra	0135, 1298
JBL	0110, 1457
Jensen	0110, 1457, 2045
JVC	0074, 1263, 1400
Kenwood	1313, 1570, 1569, 0239, 0027, 0337, 0338
KHL	1664
KLH	1428, 1390, 1664, 1711
Koss	1366
Linn	0189
Magnadyne	1745
Magnavox	1189, 1269, 0531, 0189, 1514
Marantz	1189, 1269, 0039, 0189
MCS	0039
Mitsubishi	1393
Onkyo	0842, 0135, 1298
Optimus	1023, 0531, 0670, 1074
Oritron	1366, 1497
Panasonic	1518, 0039, 0309, 1548, 1288, 1316, 1763, 1764, 1399
Philco	1390
Philips	1189, 1269, 0189, 1266
Pioneer	1023, 0531, 0014, 0150, 1630, 1384, 1456
Polk Audio	0189
Poly Planner	1914
Proscan	1254
Quasar	0039
RadioShack	1263
RCA	1023, 1609, 1254, 0531, 1074, 1390, 1511
Rio	1383
Sansui	0189
Sharper Image	1263
Sonic Blue	1383
Sony	1058, 1441, 1258, 1759, 1758, 0158, 1406, 1442, 1858, 1658, 1558, 1349, 1397
Soundesign	0670
Stereophonics	1023
Sunfire	1313
Teac	1267, 1074, 1390, 1528
Technics	1308, 1518, 0039, 0309
Thorens	1189
Venturer	1390
Victor	0074
Wards	0158, 0014, 0189
Yamaha	0176, 1176, 1276

Setup Codes for Stereo Amplifiers:

Aiwa	0406
Bose	0674
Carver	0269
Curtis Mathes	0300
Denon	0160
Durabrand	1561
GE	0078
Harman/Kardon	0892
JVC	0331
Left Coast	0892
Lenoxx	1561
Linn	0269
Luxman	0165
Magnavox	0269
Marantz	0892, 0269, 0321
Nakamichi	0321
Optimus	0395, 0300
Panasonic	0308, 0521
Philips	0892, 0269
Pioneer	0013, 0300
Polk Audio	0892, 0269
RCA	0300
Realistic	0395
Sansui	0321
Sony	0815, 0220, 0689
Soundesign	0078
Technics	0308, 0521
Victor	0331
Wards	0078, 0013
Yamaha	0354

Setup Codes for Automotive and Marine:

AUDIO

Aquatic CD/RCVR	1867, 1866
Aquavobe Magnadyne CD/RCVR	1900
Blaupunkt Honolulu CD/RCVR	1499
Blaupunkt Miami Beach CD/RCVR	1480
Blaupunkt Miami Beach multi-disk chngr	1481
Clarion CD/RCVR	1669
Clarion CD/RCVR	1377
Honyas CD/RCVR	1900
JBL CD/RCVR	1457
JVC CD/RCVR	1400
Kenwood CD/RCVR	0337, 0338
KHL CD	1711
KHL RCVR	1664
Panasonic CD/RCVR	1399
Pioneer CD/RCVR	1456
Poly-Planar CD/RCVR	1914
Sony CD/RCVR	1349, 1397
Sony RCVR	1758

TV

Aurora Systems TV	0801
Blaupunkt TV	0763
Casio TV	1205
CCD TV	0463
Clarion TV	0180
Fahrenheit TV	1598
JVC Monitor	0731
Signet TV	0844

VCR

Clarion VCR	0800
Clarion/Jenson VCR	0888
Samsung VCR	0889
Sony VCR	0240

DVD

Blaupunkt DVD	0717
Clarion DVD	0891, 0892, 1039
Fahrenheit DVD - 5	0890
Fahrenheit DVD - 12T	1054
Fahrenheit DVD - 11N	1066
Fahrenheit DVD - 16T	0887
Honyas DVD	1142
KEC DVD	1238
T-View DVD	0813

SEARCHING FOR YOUR CODE

If your TV, VCR, Cable Converter, Satellite or Audio Component does not respond to the Dolphin after trying all of the codes listed for your brand, or if your brand is not listed at all, try searching for your code.

For example, to search for a code for 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 - 1. The LED will blink twice.
4. Aim the remote control at the TV and slowly alternate between pressing POWER and TV. Stop when the TV turns off.

   NOTE: In the search mode, the Dolphin will send IR codes from its library to the selected component, starting with the most popular code first.

5. Press SETUP once to lock in the code.
6. To search 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 searching for.

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 Programming VCR Control on page 12.*)

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.

Original Remote LED

1.5 to 2.0 inches appart

Original Remote

90° angle
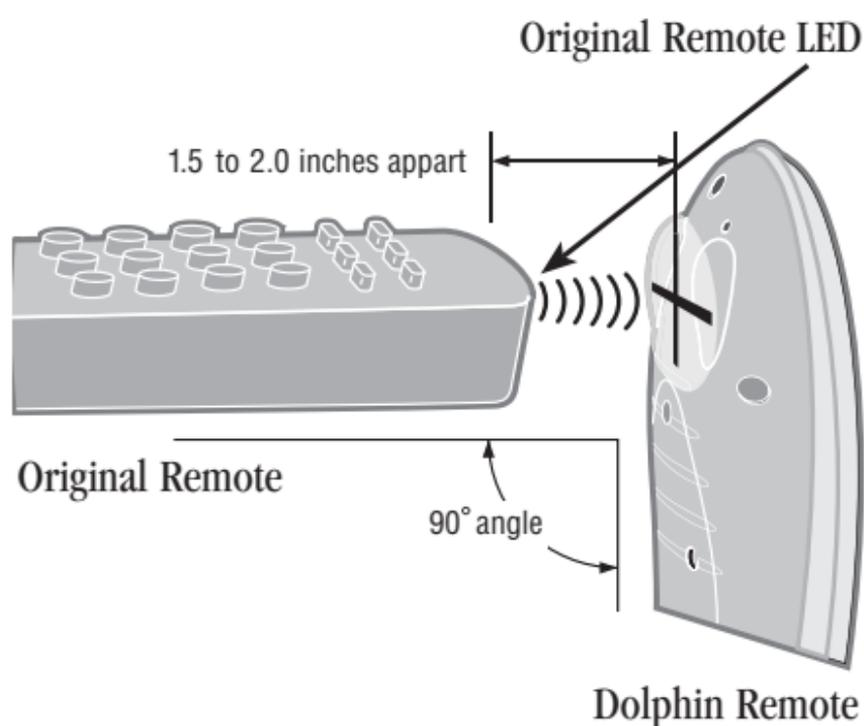
Dolphin Remote

USING THE IR/RF COMMAND CENTER

The Dolphin Remote Control (URC-9811) 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.).

**Distance Note for Command Center*

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.

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)

*Distance may vary

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

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 reasonable protection against harmful interference in a residential installation. This equipment generates, uses and radiates 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 receiver and antenna.

• Increase the separation between the equipment and the receiver.

• Connect the equipment into an outlet that is different from that which the receiver is connected.

• Consult the dealer or an experienced radio/television 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; and

2. This device must accept any interference received, including interference that may cause undesired operation.

FCC ID #: MG31033-4

Dolphin II Remote Control with RF

Command Center:
   (FCC Standards IC:2575-4339BG0)

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 page 28).

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 the 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.