# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>3</td>
</tr>
<tr>
<td>Features And Functions</td>
<td>4-6</td>
</tr>
<tr>
<td>Installing Batteries</td>
<td>7</td>
</tr>
<tr>
<td>Programming TV Control</td>
<td>8</td>
</tr>
<tr>
<td>Setup Codes for TVs</td>
<td>8</td>
</tr>
<tr>
<td>Programming VCR Control</td>
<td>12</td>
</tr>
<tr>
<td>Setup Codes for VCRs</td>
<td>12</td>
</tr>
<tr>
<td>Programming Cable Converter</td>
<td>15</td>
</tr>
<tr>
<td>(or Satellite Receiver) Control</td>
<td></td>
</tr>
<tr>
<td>Setup Codes for Cable Converters</td>
<td>16</td>
</tr>
<tr>
<td>Setup Codes for Satellite Receivers</td>
<td>16</td>
</tr>
<tr>
<td>Programming DVD Control</td>
<td>17</td>
</tr>
<tr>
<td>Setup Codes for DVD Players</td>
<td>18</td>
</tr>
<tr>
<td>Programming CD Control</td>
<td>20</td>
</tr>
<tr>
<td>Setup Codes for CD Players</td>
<td>20</td>
</tr>
<tr>
<td>Programming Audio Control</td>
<td>22</td>
</tr>
<tr>
<td>Setup Codes for Stereo Receivers</td>
<td>22</td>
</tr>
<tr>
<td>Setup Codes for Stereo Amplifiers</td>
<td>24</td>
</tr>
<tr>
<td>Setup Codes for Automotive and Marine</td>
<td>24</td>
</tr>
<tr>
<td>Searching For Your Code</td>
<td>25</td>
</tr>
<tr>
<td>Checking The Codes</td>
<td>26</td>
</tr>
<tr>
<td>Reassigning Device Keys</td>
<td>27</td>
</tr>
<tr>
<td>Setting Volume Lock</td>
<td>28</td>
</tr>
<tr>
<td>To Change Volume Lock to the CBL/SAT Mode</td>
<td>28</td>
</tr>
<tr>
<td>To Change Volume Lock to the TV Mode</td>
<td>28</td>
</tr>
<tr>
<td>To Change Volume Lock to the VCR Mode</td>
<td>28</td>
</tr>
<tr>
<td>To Change Volume Lock to the DVD Mode</td>
<td>28</td>
</tr>
<tr>
<td>To Change Volume Lock to the CD Mode</td>
<td>29</td>
</tr>
<tr>
<td>To Change Volume Lock to the RCVR Mode</td>
<td>29</td>
</tr>
<tr>
<td>Clearing Volume Lock</td>
<td>29</td>
</tr>
<tr>
<td>Clearing Volume Lock For One Device</td>
<td>29</td>
</tr>
<tr>
<td>Using the Learning Feature</td>
<td>30</td>
</tr>
<tr>
<td>Feature Reset</td>
<td>31</td>
</tr>
<tr>
<td>Specifications</td>
<td>32</td>
</tr>
<tr>
<td>Troubleshooting</td>
<td>32</td>
</tr>
</tbody>
</table>
INTRODUCTION

The Dolphin® II CE 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

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.

Continued on next page…
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

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.
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:

<table>
<thead>
<tr>
<th>Brand</th>
<th>Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Admiral</td>
<td>0463, 0093</td>
</tr>
<tr>
<td>Advent</td>
<td>0761, 0842</td>
</tr>
<tr>
<td>Aiko</td>
<td>0092</td>
</tr>
<tr>
<td>Akai</td>
<td>0702, 0672, 0030, 0812</td>
</tr>
<tr>
<td>Albatron</td>
<td>0700</td>
</tr>
<tr>
<td>Alfine</td>
<td>0672</td>
</tr>
<tr>
<td>America Action</td>
<td>0180</td>
</tr>
<tr>
<td>Anam</td>
<td>0180</td>
</tr>
<tr>
<td>AOG</td>
<td>0030</td>
</tr>
<tr>
<td>Apex Digital</td>
<td>0748, 0765, 0879, 0767</td>
</tr>
<tr>
<td>Audinac</td>
<td>0180</td>
</tr>
<tr>
<td>Audiovox</td>
<td>0451, 0180, 0092, 0623</td>
</tr>
<tr>
<td>Aurora Systems</td>
<td>0801</td>
</tr>
<tr>
<td>Baysonic</td>
<td>0180</td>
</tr>
<tr>
<td>Bell &amp; Howell</td>
<td>0154</td>
</tr>
<tr>
<td>Blaupunkt</td>
<td>0763</td>
</tr>
<tr>
<td>Blue Sky</td>
<td>1254</td>
</tr>
<tr>
<td>Bradford</td>
<td>0180</td>
</tr>
<tr>
<td>Broksonic</td>
<td>0463, 0236</td>
</tr>
<tr>
<td>Candle</td>
<td>0030</td>
</tr>
<tr>
<td>Carnivale</td>
<td>0030</td>
</tr>
<tr>
<td>Carver</td>
<td>0054</td>
</tr>
<tr>
<td>Casio</td>
<td>1205</td>
</tr>
<tr>
<td>CCD TV</td>
<td>0463</td>
</tr>
<tr>
<td>Brand</td>
<td>Code1</td>
</tr>
<tr>
<td>---------------</td>
<td>-------</td>
</tr>
<tr>
<td>Celebrity</td>
<td>0000</td>
</tr>
<tr>
<td>Cela</td>
<td>0765</td>
</tr>
<tr>
<td>Changhong</td>
<td>0765</td>
</tr>
<tr>
<td>Cineral</td>
<td>0451, 0092</td>
</tr>
<tr>
<td>Citizen</td>
<td>0060, 0030, 0092</td>
</tr>
<tr>
<td>Clarion</td>
<td>0180</td>
</tr>
<tr>
<td>Concept</td>
<td>0763</td>
</tr>
<tr>
<td>Contec</td>
<td>0180</td>
</tr>
<tr>
<td>Craig</td>
<td>0180</td>
</tr>
<tr>
<td>Crosley</td>
<td>0054</td>
</tr>
<tr>
<td>Crown</td>
<td>0180, 0672</td>
</tr>
<tr>
<td>Crown Mustang</td>
<td>0672</td>
</tr>
<tr>
<td>Curtis Mathes</td>
<td>0047, 0054, 0154, 0451, 0093, 0060, 0702, 0030, 0145, 0166, 1147, 1347</td>
</tr>
<tr>
<td>CXC</td>
<td>0180</td>
</tr>
<tr>
<td>Daewoo</td>
<td>0451, 1661, 0672, 0092, 0623</td>
</tr>
<tr>
<td>Denon</td>
<td>0511, 0145</td>
</tr>
<tr>
<td>Dumont</td>
<td>0017</td>
</tr>
<tr>
<td>Durabrand</td>
<td>0463, 0180, 0178, 0171</td>
</tr>
<tr>
<td>Electroband</td>
<td>0000</td>
</tr>
<tr>
<td>Elektra</td>
<td>0017, 1661</td>
</tr>
<tr>
<td>Emerson</td>
<td>0154, 0463, 0180, 0236, 0178, 0171, 0623</td>
</tr>
<tr>
<td>Envision</td>
<td>0030</td>
</tr>
<tr>
<td>Farenheit</td>
<td>1598</td>
</tr>
<tr>
<td>Fisher</td>
<td>0154</td>
</tr>
<tr>
<td>Fujitsu</td>
<td>0683, 0809</td>
</tr>
<tr>
<td>Funai</td>
<td>0180, 0171</td>
</tr>
<tr>
<td>Futuretech</td>
<td>0180</td>
</tr>
<tr>
<td>Gateway</td>
<td>1755, 1756</td>
</tr>
<tr>
<td>GE</td>
<td>0047, 0051, 0451, 0178, 1147, 1347, 1447</td>
</tr>
<tr>
<td>Gibralter</td>
<td>0017, 0030</td>
</tr>
<tr>
<td>GoldStar</td>
<td>0030, 0178</td>
</tr>
<tr>
<td>Goodmans</td>
<td>0360</td>
</tr>
<tr>
<td>Gradiente</td>
<td>0053</td>
</tr>
<tr>
<td>Grundig</td>
<td>0672</td>
</tr>
<tr>
<td>Gruppy</td>
<td>0180</td>
</tr>
<tr>
<td>Hallmark</td>
<td>0178</td>
</tr>
<tr>
<td>Harman/Kardon</td>
<td>0054</td>
</tr>
<tr>
<td>Harvard</td>
<td>0180</td>
</tr>
<tr>
<td>Havermey</td>
<td>0093</td>
</tr>
<tr>
<td>Hello Kitty</td>
<td>0451</td>
</tr>
<tr>
<td>Himitsu</td>
<td>0180</td>
</tr>
<tr>
<td>Hisense</td>
<td>0748</td>
</tr>
<tr>
<td>Hitachi</td>
<td>0145, 1145</td>
</tr>
<tr>
<td>Infinity</td>
<td>0054</td>
</tr>
<tr>
<td>Initial</td>
<td>1990</td>
</tr>
<tr>
<td>Inteq</td>
<td>0017</td>
</tr>
<tr>
<td>IRT</td>
<td>0451, 1661</td>
</tr>
<tr>
<td>JBL</td>
<td>0054</td>
</tr>
<tr>
<td>JCB</td>
<td>0000</td>
</tr>
<tr>
<td>Jensen</td>
<td>0761, 1299</td>
</tr>
<tr>
<td>JVC</td>
<td>0463, 0053, 1253, 0731</td>
</tr>
<tr>
<td>KEC</td>
<td>0180</td>
</tr>
<tr>
<td>Kenwood</td>
<td>0030</td>
</tr>
<tr>
<td>Kioto</td>
<td>0054, 0706</td>
</tr>
<tr>
<td>KLH</td>
<td>0765, 0767</td>
</tr>
<tr>
<td>Kost</td>
<td>1262, 1483</td>
</tr>
<tr>
<td>KTV</td>
<td>0180, 0030, 1593</td>
</tr>
<tr>
<td>LG</td>
<td>0030, 0178</td>
</tr>
<tr>
<td>Loewe</td>
<td>0136</td>
</tr>
<tr>
<td>LXI</td>
<td>0047, 0054, 0154, 0156, 0178</td>
</tr>
<tr>
<td>M &amp; S</td>
<td>0054</td>
</tr>
<tr>
<td>Magnavox</td>
<td>0054, 0706, 0030, 1454, 1254</td>
</tr>
<tr>
<td>Marantz</td>
<td>0054, 0030</td>
</tr>
<tr>
<td>Matsushita</td>
<td>0250, 0650</td>
</tr>
<tr>
<td>Company</td>
<td>Model Numbers</td>
</tr>
<tr>
<td>------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>Megapower</td>
<td>0700</td>
</tr>
<tr>
<td>Megatron</td>
<td>0178, 0145</td>
</tr>
<tr>
<td>Memorex</td>
<td>0154, 0463, 0150, 0178</td>
</tr>
<tr>
<td>MGA</td>
<td>0150, 0030, 0178</td>
</tr>
<tr>
<td>Micro Model</td>
<td>1436</td>
</tr>
<tr>
<td>Midland</td>
<td>0047, 0017, 0051</td>
</tr>
<tr>
<td>Misc</td>
<td>1530</td>
</tr>
<tr>
<td>Mitsubishi</td>
<td>0093, 0150, 1250, 0178, 0836</td>
</tr>
<tr>
<td>Monivision</td>
<td>0700</td>
</tr>
<tr>
<td>Motorola</td>
<td>0093</td>
</tr>
<tr>
<td>MTC</td>
<td>0060, 0030</td>
</tr>
<tr>
<td>Multitech</td>
<td>0180</td>
</tr>
<tr>
<td>NAD</td>
<td>0156, 0178, 0866</td>
</tr>
<tr>
<td>NEC</td>
<td>0030, 1704</td>
</tr>
<tr>
<td>Nesa</td>
<td>0763</td>
</tr>
<tr>
<td>Nikko</td>
<td>0030, 0178, 0092</td>
</tr>
<tr>
<td>Noblex</td>
<td>0154</td>
</tr>
<tr>
<td>Norcent</td>
<td>0748</td>
</tr>
<tr>
<td>NTC</td>
<td>0092</td>
</tr>
<tr>
<td>Onwa</td>
<td>0180</td>
</tr>
<tr>
<td>Optimus</td>
<td>0154, 0250, 0166, 0650</td>
</tr>
<tr>
<td>Optonica</td>
<td>0093</td>
</tr>
<tr>
<td>Orion</td>
<td>0463, 0236</td>
</tr>
<tr>
<td>Panasonic</td>
<td>0051, 0250, 0650</td>
</tr>
<tr>
<td>Penney</td>
<td>0047, 0156, 0051, 0060, 0030, 0178, 1347</td>
</tr>
<tr>
<td>Philco</td>
<td>0054, 0463, 1661, 0030, 0145</td>
</tr>
<tr>
<td>Philips</td>
<td>0054, 1454, 0690</td>
</tr>
<tr>
<td>Pilot</td>
<td>0030</td>
</tr>
<tr>
<td>Pioneer</td>
<td>0166, 0866, 0679, 1398</td>
</tr>
<tr>
<td>Portland</td>
<td>0092</td>
</tr>
<tr>
<td>Prima</td>
<td>0761</td>
</tr>
<tr>
<td>Princeton</td>
<td>0700</td>
</tr>
<tr>
<td>Prism</td>
<td>0051</td>
</tr>
<tr>
<td>Proscan</td>
<td>0047, 1347, 1447</td>
</tr>
<tr>
<td>Proton</td>
<td>0178</td>
</tr>
<tr>
<td>Pulsar</td>
<td>0017</td>
</tr>
<tr>
<td>Quasar</td>
<td>0051, 0250, 0650</td>
</tr>
<tr>
<td>RadioShack</td>
<td>0047, 0154, 0180, 0030, 0178</td>
</tr>
<tr>
<td>RCA</td>
<td>0047, 0060, 1047, 1147, 1247, 1347, 1447, 1547, 0679</td>
</tr>
<tr>
<td>Realistic</td>
<td>0154, 0180, 0030, 0178</td>
</tr>
<tr>
<td>Runco</td>
<td>0017, 0030</td>
</tr>
<tr>
<td>Sampo</td>
<td>0030, 1755</td>
</tr>
<tr>
<td>Samsung</td>
<td>0060, 0702, 0030, 0178, 1060, 0812, 0814, 1575, 1312</td>
</tr>
<tr>
<td>Sansei</td>
<td>0451</td>
</tr>
<tr>
<td>Sansui</td>
<td>0463</td>
</tr>
<tr>
<td>Sanyo</td>
<td>0088, 0154</td>
</tr>
<tr>
<td>Scotch</td>
<td>0178</td>
</tr>
<tr>
<td>Scott</td>
<td>0180, 0236, 0178</td>
</tr>
<tr>
<td>Sears</td>
<td>0047, 0054, 0154, 0156, 0178, 0171</td>
</tr>
<tr>
<td>Semivox</td>
<td>0180</td>
</tr>
<tr>
<td>Semp</td>
<td>0156, 1356</td>
</tr>
<tr>
<td>Sharp</td>
<td>0093, 0818, 1393</td>
</tr>
<tr>
<td>Sheng Chia</td>
<td>0093</td>
</tr>
<tr>
<td>Signet</td>
<td>0800, 0844, 1262</td>
</tr>
<tr>
<td>Sony</td>
<td>0000, 1100</td>
</tr>
<tr>
<td>Soundesign</td>
<td>0180, 0178</td>
</tr>
<tr>
<td>Squareview</td>
<td>0171</td>
</tr>
<tr>
<td>SSS</td>
<td>0180</td>
</tr>
<tr>
<td>Starlite</td>
<td>0180</td>
</tr>
<tr>
<td>Sunbrite</td>
<td>1435, 1420</td>
</tr>
<tr>
<td>Supreme</td>
<td>0000</td>
</tr>
<tr>
<td>SVA</td>
<td>0748, 0865</td>
</tr>
<tr>
<td>Sylvania</td>
<td>0054, 0030, 0171</td>
</tr>
<tr>
<td>Brand</td>
<td>Models</td>
</tr>
<tr>
<td>----------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>Symphonic</td>
<td>0180, 0171</td>
</tr>
<tr>
<td>Tandy</td>
<td>0093</td>
</tr>
<tr>
<td>Tatung</td>
<td>1756</td>
</tr>
<tr>
<td>Technics</td>
<td>0051, 0250</td>
</tr>
<tr>
<td>Techwood</td>
<td>0051</td>
</tr>
<tr>
<td>Teknika</td>
<td>0054, 0180, 0150, 0060, 0092</td>
</tr>
<tr>
<td>Telefunken</td>
<td>0702</td>
</tr>
<tr>
<td>TMK</td>
<td>0178</td>
</tr>
<tr>
<td>TNC</td>
<td>0017</td>
</tr>
<tr>
<td>Tophouse</td>
<td>0180</td>
</tr>
<tr>
<td>Toshiba</td>
<td>0154, 0156, 0093, 0060, 1156, 1356, 1656, 1704, 0650, 1256</td>
</tr>
<tr>
<td>TVS</td>
<td>0463</td>
</tr>
<tr>
<td>V Inc.</td>
<td>1756</td>
</tr>
<tr>
<td>Vector Research</td>
<td>0030</td>
</tr>
<tr>
<td>Victor</td>
<td>0053</td>
</tr>
<tr>
<td>Vidikron</td>
<td>0054</td>
</tr>
<tr>
<td>Vidtech</td>
<td>0178</td>
</tr>
<tr>
<td>Viewsonic</td>
<td>1755</td>
</tr>
<tr>
<td>Wards</td>
<td>0054, 0030, 0178, 1156, 0866</td>
</tr>
<tr>
<td>Waycon</td>
<td>0156</td>
</tr>
<tr>
<td>White Westinghouse</td>
<td>0463, 0623, 1577</td>
</tr>
<tr>
<td>Yamaha</td>
<td>0030</td>
</tr>
<tr>
<td>Zenith</td>
<td>0017, 0463, 0178, 0092</td>
</tr>
</tbody>
</table>
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:

<table>
<thead>
<tr>
<th>Brand</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABS</td>
<td>1972</td>
</tr>
<tr>
<td>Admiral</td>
<td>0048</td>
</tr>
<tr>
<td>Adventura</td>
<td>0000</td>
</tr>
<tr>
<td>Aiwa</td>
<td>0124, 0000, 0037</td>
</tr>
<tr>
<td>Akai</td>
<td>0175</td>
</tr>
<tr>
<td>Alienware</td>
<td>1972</td>
</tr>
<tr>
<td>American High</td>
<td>0035</td>
</tr>
<tr>
<td>Asha</td>
<td>0240</td>
</tr>
<tr>
<td>Audiovox</td>
<td>0037</td>
</tr>
<tr>
<td>Beaumark</td>
<td>0240</td>
</tr>
<tr>
<td>Bell &amp; Howell</td>
<td>0104</td>
</tr>
<tr>
<td>Company</td>
<td>Model Numbers</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>Broksonic</td>
<td>1479, 0184, 0121, 0209, 0002</td>
</tr>
<tr>
<td>Calix</td>
<td>0037</td>
</tr>
<tr>
<td>Canon</td>
<td>0035</td>
</tr>
<tr>
<td>Carver</td>
<td>0081</td>
</tr>
<tr>
<td>CCE</td>
<td>0072</td>
</tr>
<tr>
<td>Citizen</td>
<td>1278, 0037</td>
</tr>
<tr>
<td>Clarion</td>
<td>0889, 0888</td>
</tr>
<tr>
<td>Colt</td>
<td>0072</td>
</tr>
<tr>
<td>Craig</td>
<td>0037, 0047, 0240, 0072</td>
</tr>
<tr>
<td>Curtis Mathes</td>
<td>1035, 0035, 0060, 0162</td>
</tr>
<tr>
<td>CyberPower</td>
<td>1972</td>
</tr>
<tr>
<td>Cybernex</td>
<td>0240</td>
</tr>
<tr>
<td>Daewoo</td>
<td>1278, 0045</td>
</tr>
<tr>
<td>Dell</td>
<td>0047</td>
</tr>
<tr>
<td>Denon</td>
<td>0072</td>
</tr>
<tr>
<td>DirecTV</td>
<td>0739</td>
</tr>
<tr>
<td>Durabrand</td>
<td>0039</td>
</tr>
<tr>
<td>Dynatech</td>
<td>0000</td>
</tr>
<tr>
<td>Electrohome</td>
<td>0037</td>
</tr>
<tr>
<td>Electrophonic</td>
<td>0037</td>
</tr>
<tr>
<td>Emerex</td>
<td>0032</td>
</tr>
<tr>
<td>Emerson</td>
<td>1479, 1278, 0000, 0037, 0184, 0121, 0043, 0209, 0002</td>
</tr>
<tr>
<td>Fisher</td>
<td>0047, 0104</td>
</tr>
<tr>
<td>Fuji</td>
<td>0035, 0033</td>
</tr>
<tr>
<td>Funai</td>
<td>0000</td>
</tr>
<tr>
<td>Garrard</td>
<td>0000</td>
</tr>
<tr>
<td>Gateway</td>
<td>0072</td>
</tr>
<tr>
<td>GE</td>
<td>1035, 1060, 0807, 0035, 0060, 0240</td>
</tr>
<tr>
<td>Goldstar</td>
<td>1237, 0037</td>
</tr>
<tr>
<td>Gradiente</td>
<td>0000</td>
</tr>
<tr>
<td>Harley Davidson</td>
<td>0000</td>
</tr>
<tr>
<td>Harman/Kardon</td>
<td>0081</td>
</tr>
<tr>
<td>Harwood</td>
<td>0072</td>
</tr>
<tr>
<td>Hewlett Packard</td>
<td>0000, 0042</td>
</tr>
<tr>
<td>Hitachi</td>
<td>0047</td>
</tr>
<tr>
<td>Howard Computer</td>
<td>0072</td>
</tr>
<tr>
<td>HP</td>
<td>1972</td>
</tr>
<tr>
<td>Hughes Network Systems</td>
<td>0739, 0042</td>
</tr>
<tr>
<td>IBUYPOWER</td>
<td>1972</td>
</tr>
<tr>
<td>Jenson</td>
<td>0889</td>
</tr>
<tr>
<td>JVC</td>
<td>0067</td>
</tr>
<tr>
<td>KEC</td>
<td>0037</td>
</tr>
<tr>
<td>Kenwood</td>
<td>0067</td>
</tr>
<tr>
<td>KLH</td>
<td>0072</td>
</tr>
<tr>
<td>Kodak</td>
<td>0035, 0037</td>
</tr>
<tr>
<td>LG</td>
<td>0037</td>
</tr>
<tr>
<td>Lloyd's</td>
<td>0060</td>
</tr>
<tr>
<td>Logik</td>
<td>0072</td>
</tr>
<tr>
<td>LXI</td>
<td>0037</td>
</tr>
<tr>
<td>Magnasonic</td>
<td>1278</td>
</tr>
<tr>
<td>Magnavox</td>
<td>1781, 0000, 0035, 0039, 0081</td>
</tr>
<tr>
<td>Magnin</td>
<td>0240</td>
</tr>
<tr>
<td>Marantz</td>
<td>0035, 0081</td>
</tr>
<tr>
<td>Marta</td>
<td>0037</td>
</tr>
<tr>
<td>Matsushita</td>
<td>0035, 0162</td>
</tr>
<tr>
<td>Media Center PC</td>
<td>0072</td>
</tr>
<tr>
<td>MEI</td>
<td>0035</td>
</tr>
<tr>
<td>Memorex</td>
<td>1237, 0000, 0035, 0037, 0048, 0039, 0047, 0162, 0240, 0104, 0209</td>
</tr>
<tr>
<td>MGA</td>
<td>0240, 0043</td>
</tr>
<tr>
<td>MGN Technology</td>
<td>0240</td>
</tr>
<tr>
<td>Microsoft</td>
<td>1972</td>
</tr>
<tr>
<td>Mind</td>
<td>1972</td>
</tr>
</tbody>
</table>
Minolta 0042
Mitsubishi 0807, 0067, 0043
Motorola 0035, 0048
MTC 0000, 0240
Multitech 0000, 0072
NEC 0067, 0104
Nikkor 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
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
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:

<table>
<thead>
<tr>
<th>Brand</th>
<th>Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allegro</td>
<td>0869</td>
</tr>
<tr>
<td>Anaba</td>
<td>0813</td>
</tr>
<tr>
<td>Apex Digital</td>
<td>0672, 1020, 0794, 0796, 0797, 1100, 1004, 0755, 1056, 1061, 0830, 0717</td>
</tr>
<tr>
<td>Aspire Digital</td>
<td>1168</td>
</tr>
<tr>
<td>Audiovox</td>
<td>1072</td>
</tr>
<tr>
<td>Axion</td>
<td>1072</td>
</tr>
<tr>
<td>Blaupunkt</td>
<td>0717</td>
</tr>
<tr>
<td>Blue Parade</td>
<td>0571</td>
</tr>
<tr>
<td>Boss</td>
<td>1680</td>
</tr>
<tr>
<td>Broksonic</td>
<td>0695</td>
</tr>
<tr>
<td>Cinevision</td>
<td>0876, 0869</td>
</tr>
<tr>
<td>Clarion</td>
<td>0891, 0892, 1039, 1559</td>
</tr>
<tr>
<td>Coby</td>
<td>1086</td>
</tr>
<tr>
<td>Concept</td>
<td>1564</td>
</tr>
<tr>
<td>Curtis Mathes</td>
<td>1087</td>
</tr>
<tr>
<td>CyberHome</td>
<td>0816, 1023, 1024, 1117, 1129</td>
</tr>
<tr>
<td>Daewoo</td>
<td>1172, 0784, 0869, 0833</td>
</tr>
<tr>
<td>Denon</td>
<td>0490</td>
</tr>
<tr>
<td>Dual</td>
<td>1068, 1085</td>
</tr>
<tr>
<td>DVD2000</td>
<td>0521</td>
</tr>
<tr>
<td>Emerson</td>
<td>0591, 0675</td>
</tr>
<tr>
<td>Enterprise</td>
<td>0591</td>
</tr>
<tr>
<td>Fahrenheit</td>
<td>0887, 0890, 1054, 1066, 1142</td>
</tr>
<tr>
<td>Fisher</td>
<td>0670</td>
</tr>
<tr>
<td>Funai</td>
<td>0675</td>
</tr>
<tr>
<td>Gateway</td>
<td>1158, 1073</td>
</tr>
<tr>
<td>GE</td>
<td>0522, 0815, 0717</td>
</tr>
<tr>
<td>Go Video</td>
<td>0783, 1099, 1730, 0869, 0833, 0715, 0744, 1075</td>
</tr>
<tr>
<td>GPX</td>
<td>0699</td>
</tr>
<tr>
<td>Gradiente</td>
<td>0651</td>
</tr>
<tr>
<td>Greenhill</td>
<td>0717</td>
</tr>
<tr>
<td>Harman/Kardon</td>
<td>0582, 0702</td>
</tr>
<tr>
<td>Hitachi</td>
<td>0573, 0664, 0695</td>
</tr>
<tr>
<td>Hiteker</td>
<td>0672</td>
</tr>
<tr>
<td>Honyas</td>
<td>1142</td>
</tr>
<tr>
<td>Initial</td>
<td>0717, 1472</td>
</tr>
<tr>
<td>IRT</td>
<td>0783</td>
</tr>
<tr>
<td>JBL</td>
<td>0702</td>
</tr>
<tr>
<td>Jensen</td>
<td>1016, 1700</td>
</tr>
<tr>
<td>JVC</td>
<td>0558, 0623, 0867, 1872</td>
</tr>
<tr>
<td>KEC</td>
<td>1238</td>
</tr>
<tr>
<td>Kenwood</td>
<td>0490, 0534</td>
</tr>
<tr>
<td>KLH</td>
<td>1020, 0717</td>
</tr>
<tr>
<td>Koss</td>
<td>0651</td>
</tr>
<tr>
<td>Lanzar</td>
<td>1398</td>
</tr>
<tr>
<td>Lasonic</td>
<td>0798</td>
</tr>
<tr>
<td>Lite-On</td>
<td>1058, 1158</td>
</tr>
<tr>
<td>Loewe</td>
<td>0511</td>
</tr>
<tr>
<td>Magnavox</td>
<td>0503, 0675</td>
</tr>
<tr>
<td>Marantz</td>
<td>0539</td>
</tr>
<tr>
<td>Memorex</td>
<td>0695</td>
</tr>
<tr>
<td>Microsoft</td>
<td>0522</td>
</tr>
<tr>
<td>Mintek</td>
<td>0839, 0717</td>
</tr>
<tr>
<td>Mitsubishi</td>
<td>0521, 1521</td>
</tr>
<tr>
<td>NEC</td>
<td>0785</td>
</tr>
<tr>
<td>Nesa</td>
<td>0717, 1603</td>
</tr>
<tr>
<td>Norcent</td>
<td>1003</td>
</tr>
<tr>
<td>Onkyo</td>
<td>0792, 0503</td>
</tr>
<tr>
<td>Optiview</td>
<td>0813</td>
</tr>
<tr>
<td>Oritron</td>
<td>0651</td>
</tr>
<tr>
<td>Panasonic</td>
<td>0490, 1762, 0503, 0539, 0646, 0854</td>
</tr>
<tr>
<td>Company</td>
<td>Models</td>
</tr>
<tr>
<td>---------------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>Pioneer</td>
<td>0525, 0571</td>
</tr>
<tr>
<td>Polaroid</td>
<td>1086, 1061</td>
</tr>
<tr>
<td>Polk Audio</td>
<td>0539</td>
</tr>
<tr>
<td>Proscan</td>
<td>0522</td>
</tr>
<tr>
<td>Pyle</td>
<td>1300, 1746</td>
</tr>
<tr>
<td>Qwestar</td>
<td>0651</td>
</tr>
<tr>
<td>RCA</td>
<td>0522, 0571, 0822, 1132, 1022, 0717</td>
</tr>
<tr>
<td>Rio</td>
<td>0869</td>
</tr>
<tr>
<td>Rotel</td>
<td>0623</td>
</tr>
<tr>
<td>Rowa</td>
<td>0823</td>
</tr>
<tr>
<td>Sampo</td>
<td>0752</td>
</tr>
<tr>
<td>Samsung</td>
<td>0490, 0573, 0744, 0820, 1075</td>
</tr>
<tr>
<td>Sansui</td>
<td>0695</td>
</tr>
<tr>
<td>Sanyo</td>
<td>0670, 0873, 0695</td>
</tr>
<tr>
<td>Semp</td>
<td>0503</td>
</tr>
<tr>
<td>Sharp</td>
<td>0752, 0630</td>
</tr>
<tr>
<td>Sharper Image</td>
<td>1117</td>
</tr>
<tr>
<td>Sherwood</td>
<td>0770</td>
</tr>
<tr>
<td>Shinsonic</td>
<td>0533, 0839</td>
</tr>
<tr>
<td>Sonic Blue</td>
<td>1099, 0869</td>
</tr>
<tr>
<td>Sony</td>
<td>0533, 1033, 0864</td>
</tr>
<tr>
<td>Sound Mobile</td>
<td>1298</td>
</tr>
<tr>
<td>Starvision</td>
<td>1300</td>
</tr>
<tr>
<td>Superscan</td>
<td>0821</td>
</tr>
<tr>
<td>Sylvania</td>
<td>0675</td>
</tr>
<tr>
<td>Symphonic</td>
<td>0675</td>
</tr>
<tr>
<td>T-View</td>
<td>0813</td>
</tr>
<tr>
<td>Teac</td>
<td>0809</td>
</tr>
<tr>
<td>Technics</td>
<td>0490</td>
</tr>
<tr>
<td>Theta Digital</td>
<td>0571</td>
</tr>
<tr>
<td>Toshiba</td>
<td>0503, 1154, 0695</td>
</tr>
<tr>
<td>Tredex</td>
<td>0799</td>
</tr>
<tr>
<td>US Logic</td>
<td>0839</td>
</tr>
<tr>
<td>Urban Concepts</td>
<td>0503</td>
</tr>
<tr>
<td>Xbox</td>
<td>0522</td>
</tr>
<tr>
<td>Yamaha</td>
<td>0490, 0539, 0545</td>
</tr>
<tr>
<td>Zenith</td>
<td>0503, 0591, 0869</td>
</tr>
</tbody>
</table>
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:

<table>
<thead>
<tr>
<th>Brand</th>
<th>Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aiwa</td>
<td>0157</td>
</tr>
<tr>
<td>Burmester</td>
<td>0420</td>
</tr>
<tr>
<td>California Audio Labs</td>
<td>0029, 0303</td>
</tr>
<tr>
<td>Carver</td>
<td>0157, 0179, 0437</td>
</tr>
<tr>
<td>CCE</td>
<td>0157</td>
</tr>
<tr>
<td>Classic</td>
<td>1297</td>
</tr>
<tr>
<td>Denon</td>
<td>0003, 0873</td>
</tr>
<tr>
<td>DKK</td>
<td>0000</td>
</tr>
<tr>
<td>DMX Electronics</td>
<td>0157</td>
</tr>
<tr>
<td>Emerson</td>
<td>0305</td>
</tr>
<tr>
<td>Fisher</td>
<td>0179, 1325</td>
</tr>
<tr>
<td>Garrard</td>
<td>0420, 0393</td>
</tr>
<tr>
<td>Genexxa</td>
<td>0032, 0305</td>
</tr>
<tr>
<td>GPX</td>
<td>1296</td>
</tr>
<tr>
<td>Harman/Kardon</td>
<td>0157, 0173, 1202</td>
</tr>
<tr>
<td>Hitachi</td>
<td>0032</td>
</tr>
<tr>
<td>Integra</td>
<td>0101</td>
</tr>
<tr>
<td>JVC</td>
<td>0072, 1294</td>
</tr>
<tr>
<td>Kenwood</td>
<td>0826, 0626, 0028, 0037, 0190, 0681</td>
</tr>
<tr>
<td>KLH</td>
<td>1711</td>
</tr>
<tr>
<td>KLH</td>
<td>1318</td>
</tr>
<tr>
<td>Brand</td>
<td>Code(s)</td>
</tr>
<tr>
<td>---------------</td>
<td>---------</td>
</tr>
<tr>
<td>Koss</td>
<td>1317</td>
</tr>
<tr>
<td>Krell</td>
<td>0157</td>
</tr>
<tr>
<td>LG</td>
<td>1208</td>
</tr>
<tr>
<td>Linn</td>
<td>0157</td>
</tr>
<tr>
<td>LXI</td>
<td>0305</td>
</tr>
<tr>
<td>Magnavox</td>
<td>0157, 0305</td>
</tr>
<tr>
<td>Marantz</td>
<td>0626, 0029, 0157, 0180</td>
</tr>
<tr>
<td>Mark Levinson</td>
<td>1484</td>
</tr>
<tr>
<td>Matsui</td>
<td>0157</td>
</tr>
<tr>
<td>MCS</td>
<td>0029</td>
</tr>
<tr>
<td>Miro</td>
<td>0000</td>
</tr>
<tr>
<td>Mission</td>
<td>0157</td>
</tr>
<tr>
<td>MTC</td>
<td>0420</td>
</tr>
<tr>
<td>Nikko</td>
<td>0174, 0164, 0170</td>
</tr>
<tr>
<td>NSM</td>
<td>0157</td>
</tr>
<tr>
<td>Onkyo</td>
<td>0101, 0868</td>
</tr>
<tr>
<td>Optimus</td>
<td>1063, 0032, 0000, 0179, 0305, 0037, 0420, 0145, 0468, 0437, 1075</td>
</tr>
<tr>
<td>Panasonic</td>
<td>0029, 0303</td>
</tr>
<tr>
<td>Parasound</td>
<td>0420</td>
</tr>
<tr>
<td>Philips</td>
<td>0626, 0157</td>
</tr>
<tr>
<td>Pioneer</td>
<td>1063, 0032, 0305, 0468, 1062, 1087</td>
</tr>
<tr>
<td>Polk Audio</td>
<td>0157</td>
</tr>
<tr>
<td>Proton</td>
<td>0157</td>
</tr>
<tr>
<td>QED</td>
<td>0157</td>
</tr>
<tr>
<td>Quad</td>
<td>0157</td>
</tr>
<tr>
<td>Quasar</td>
<td>0029</td>
</tr>
<tr>
<td>Radio Shack</td>
<td>1075</td>
</tr>
<tr>
<td>RCA</td>
<td>0032, 0179, 0305, 0053, 0468, 0764, 0420</td>
</tr>
<tr>
<td>Realistic</td>
<td>0179, 0420, 0180</td>
</tr>
<tr>
<td>Rotel</td>
<td>0157, 0420</td>
</tr>
<tr>
<td>SAE</td>
<td>0157</td>
</tr>
<tr>
<td>Sansui</td>
<td>0157, 0305</td>
</tr>
<tr>
<td>Sanyo</td>
<td>0179</td>
</tr>
<tr>
<td>Scott</td>
<td>0305</td>
</tr>
<tr>
<td>Sears</td>
<td>0305</td>
</tr>
<tr>
<td>Sharp</td>
<td>0861, 0037, 0180</td>
</tr>
<tr>
<td>Sherwood</td>
<td>1067, 0180</td>
</tr>
<tr>
<td>Sonic Frontiers</td>
<td>0157</td>
</tr>
<tr>
<td>Sony</td>
<td>0490, 0000, 0185, 0100, 1364</td>
</tr>
<tr>
<td>Soundesign</td>
<td>0145</td>
</tr>
<tr>
<td>Symphonic</td>
<td>0305</td>
</tr>
<tr>
<td>TAG McLaren</td>
<td>0157</td>
</tr>
<tr>
<td>Tascam</td>
<td>0420</td>
</tr>
<tr>
<td>TDK</td>
<td>1208</td>
</tr>
<tr>
<td>Teac</td>
<td>0420, 0393, 0180</td>
</tr>
<tr>
<td>Technics</td>
<td>0029, 0303</td>
</tr>
<tr>
<td>Tivoli Audio</td>
<td>1553</td>
</tr>
<tr>
<td>Victor</td>
<td>0072</td>
</tr>
<tr>
<td>Wards</td>
<td>0157, 0053</td>
</tr>
<tr>
<td>Yamaha</td>
<td>0888, 0036, 0187, 1292</td>
</tr>
<tr>
<td>Yorx</td>
<td>0461</td>
</tr>
<tr>
<td>Zonda</td>
<td>0157</td>
</tr>
</tbody>
</table>
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
<table>
<thead>
<tr>
<th>Brand</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apex Digital</td>
<td>1257, 1430</td>
</tr>
<tr>
<td>Audiotronic</td>
<td>1189</td>
</tr>
<tr>
<td>Audiovox</td>
<td>1390</td>
</tr>
<tr>
<td>Blaupunkt</td>
<td>1480, 1481, 1499</td>
</tr>
<tr>
<td>Bose</td>
<td>1229, 0639, 1253, 1355</td>
</tr>
<tr>
<td>Capetronic</td>
<td>0531</td>
</tr>
<tr>
<td>Carver</td>
<td>1189, 0189</td>
</tr>
<tr>
<td>Clarion</td>
<td>1377, 1669</td>
</tr>
<tr>
<td>Coby</td>
<td>1263</td>
</tr>
<tr>
<td>Dell</td>
<td>1383</td>
</tr>
<tr>
<td>Denon</td>
<td>1360</td>
</tr>
<tr>
<td>Farenheit</td>
<td>1900, 1598</td>
</tr>
<tr>
<td>Glory Horse</td>
<td>1263</td>
</tr>
<tr>
<td>Harman/Kardon</td>
<td>0110, 0189</td>
</tr>
<tr>
<td>Hitachi</td>
<td>1273</td>
</tr>
<tr>
<td>Honyas</td>
<td>1900</td>
</tr>
<tr>
<td>Integra</td>
<td>0135, 1298</td>
</tr>
<tr>
<td>JBL</td>
<td>0110, 1457</td>
</tr>
<tr>
<td>Jensen</td>
<td>0110, 1457, 2045</td>
</tr>
<tr>
<td>JVC</td>
<td>0074, 1263, 1400</td>
</tr>
<tr>
<td>Kenwood</td>
<td>1313, 1570, 1569, 0239, 0027, 0337, 0338</td>
</tr>
<tr>
<td>KHL</td>
<td>1664</td>
</tr>
<tr>
<td>KLH</td>
<td>1428, 1390, 1664, 1711</td>
</tr>
<tr>
<td>Koss</td>
<td>1366</td>
</tr>
<tr>
<td>Linn</td>
<td>0189</td>
</tr>
<tr>
<td>Magnadyne</td>
<td>1745</td>
</tr>
<tr>
<td>Magnavox</td>
<td>1189, 1269, 0531, 0189, 1514</td>
</tr>
<tr>
<td>Marantz</td>
<td>1189, 1269, 0039, 0189</td>
</tr>
<tr>
<td>MCS</td>
<td>0039</td>
</tr>
<tr>
<td>Mitsubishi</td>
<td>1393</td>
</tr>
<tr>
<td>Onkyo</td>
<td>0842, 0135, 1298</td>
</tr>
<tr>
<td>Optimus</td>
<td>1023, 0531, 0670, 1074</td>
</tr>
<tr>
<td>Oritron</td>
<td>1366, 1497</td>
</tr>
<tr>
<td>Panasonic</td>
<td>1518, 0039, 0309, 1548, 1288, 1316, 1763, 1764, 1399</td>
</tr>
<tr>
<td>Philco</td>
<td>1390</td>
</tr>
<tr>
<td>Philips</td>
<td>1189, 1269, 0189, 1266</td>
</tr>
<tr>
<td>Pioneer</td>
<td>1023, 0531, 0014, 0150, 1630, 1384, 1456</td>
</tr>
<tr>
<td>Polk Audio</td>
<td>0189</td>
</tr>
<tr>
<td>Poly Planner</td>
<td>1914</td>
</tr>
<tr>
<td>Proscan</td>
<td>1254</td>
</tr>
<tr>
<td>Quasar</td>
<td>0039</td>
</tr>
<tr>
<td>RadioShack</td>
<td>1263</td>
</tr>
<tr>
<td>RCA</td>
<td>1023, 1609, 1254, 0531, 1074, 1390, 1511</td>
</tr>
<tr>
<td>Rio</td>
<td>1383</td>
</tr>
<tr>
<td>Sansui</td>
<td>0189</td>
</tr>
<tr>
<td>Sharpier Image</td>
<td>1263</td>
</tr>
<tr>
<td>Sonic Blue</td>
<td>1383</td>
</tr>
<tr>
<td>Sony</td>
<td>1058, 1441, 1258, 1759, 1758, 0158, 1406, 1442, 1858, 1658, 1558, 1349, 1397</td>
</tr>
<tr>
<td>Soundesign</td>
<td>0670</td>
</tr>
<tr>
<td>Stereophonics</td>
<td>1023</td>
</tr>
<tr>
<td>Sunfire</td>
<td>1313</td>
</tr>
<tr>
<td>Teac</td>
<td>1267, 1074, 1390, 1528</td>
</tr>
<tr>
<td>Technics</td>
<td>1308, 1518, 0039, 0309</td>
</tr>
<tr>
<td>Thorens</td>
<td>1189</td>
</tr>
<tr>
<td>Venturer</td>
<td>1390</td>
</tr>
<tr>
<td>Victor</td>
<td>0074</td>
</tr>
<tr>
<td>Wards</td>
<td>0158, 0014, 0189</td>
</tr>
<tr>
<td>Yamaha</td>
<td>0176, 1176, 1276</td>
</tr>
</tbody>
</table>
## Setup Codes for Stereo Amplifiers:

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

## Setup Codes for Automotive and Marine:

### AUDIO

<table>
<thead>
<tr>
<th>Brand</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic CD/RCVR</td>
<td>1867, 1866</td>
</tr>
<tr>
<td>Aquavobe Magnadyne CD/RCVR</td>
<td>1900</td>
</tr>
<tr>
<td>Blaupunkt Honolulu CD/RCVR</td>
<td>1499</td>
</tr>
<tr>
<td>Blaupunkt Miami Beach CD/RCVR</td>
<td>1480</td>
</tr>
<tr>
<td>Blaupunkt Miami Beach multi-disk chngr</td>
<td>1481</td>
</tr>
<tr>
<td>Clarion CD/RCVR</td>
<td>1669</td>
</tr>
<tr>
<td>Clarion CD/RCVR</td>
<td>1377</td>
</tr>
<tr>
<td>Sony CD/RCVR</td>
<td>1900</td>
</tr>
<tr>
<td>JBL CD/RCVR</td>
<td>1457</td>
</tr>
<tr>
<td>JVC CD/RCVR</td>
<td>1400</td>
</tr>
<tr>
<td>Kenwood CD/RCVR</td>
<td>0337, 0338</td>
</tr>
<tr>
<td>KHL CD</td>
<td>1711</td>
</tr>
<tr>
<td>KHL RCVR</td>
<td>1664</td>
</tr>
<tr>
<td>Panasonic CD/RCVR</td>
<td>1399</td>
</tr>
<tr>
<td>Pioneer CD/RCVR</td>
<td>1456</td>
</tr>
<tr>
<td>Poly-Planar CD/RCVR</td>
<td>1914</td>
</tr>
<tr>
<td>Sony CD/RCVR</td>
<td>1349, 1397</td>
</tr>
<tr>
<td>Sony RCVR</td>
<td>1758</td>
</tr>
</tbody>
</table>
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.
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.

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>□ □ □ □</td>
<td>□ □ □ □</td>
<td>□ □ □ □</td>
<td>□ □ □ □</td>
<td>□ □ □ □</td>
<td>□ □ □ □</td>
</tr>
</tbody>
</table>
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:

<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 - 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.
SPECIFICATIONS

**Remote Control Power** 2 AA Batteries

**IR Command Center Power** 120 VAC

**IR/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

**Remote Control Weight (w/o Batteries)**

   8 oz (220 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 7).

**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.