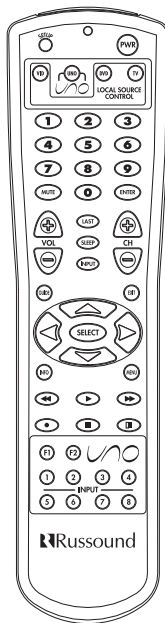# Russound®

UNO-LRC1
UNIVERSAL LEARNING & PRE-PROGRAMMED REMOTE CONTROL

USER GUIDE

INTRODUCTION

The UNO-LRC1 from Russound is the complete solution for all of your remote control requirements. It is designed to operate source devices and the audio system keypad.

The UNO-LRC1 is also customizable to allow for key configurations that meet your specific needs. It's also packed with these features for you to choose from:

- Preprogrammed technology for easy setup
- Controls UNO keypads and source equipment
- Inclusive audio/video library
- Dedicated operation of audio system keypad

This manual provides a basic overview on how to set up and operate the UNO-LRC1. Please read the following instructions to see how easy setup is.
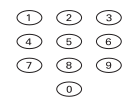
FEATURES AND FUNCTIONS

Use the Key Charts to learn how the UNO-LRC1 functions.
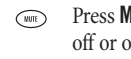
Key Charts

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

SETUP ○ Use **SETUP** for all programming sequences.

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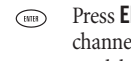

Press **VID**, **DVD**, **TV**, or **UNO** once to select a home entertainment-component to control.

Use the keypad (**0 ~ 9**) to directly select channels (for example, 09 or 31).

Press **MUTE** once to turn sound off or on.

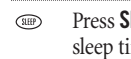Press **ENTER** once after entering channel numbers on some TV models.

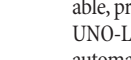Use **VOL +** (or **VOL -**) to raise (or lower) the sound volume.

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

Press **LAST** once to recall the last channel and to page back one screen in the main menu.
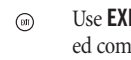
Press **SLEEP** to activate your TV's sleep timer. Or if none is available, press **SLEEP** to activate the UNO-LRC1's sleep timer for automatic shut-off of your TV. Each key press (up to four) add 15 minutes to the sleep timer.

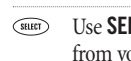Press **INPUT** once to switch the input of the chosen component.

Use **GUIDE** to display the program guide.

Use **EXIT** to exit out of the selected component's menu or guide.
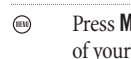
Use the cursor keys to move the cursor in the program guide and menu screens.

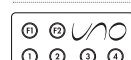Use **SELECT** to choose options from your selected component's menu or guide.

Use **INFO** to display current channel and program information.

Press **MENU** to access the menu of your chosen component.

Use the transport keys to control your VCR, or CD or DVD player.

Use these keys to control the UNO-Series Keypads

INSTALLING BATTERIES

1. On the back of the UNO-LRC1, push the tab 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. The tab should click when the cover is locked.

4. Test the unit by pressing **PWR** and any mode key (e.g., **VID**, **DVD**, etc.). If the batteries are inserted correctly, the LED will blink once.

NOTE: When batteries need replacement, the UNO-LRC1 will blink twice with every key press. Simply replace them and the remote control will be restored to its full functionality, including favorite settings.

PROGRAMMING COMPONENT CONTROL

The UNO-LRC1 can control up to eight different components. Perform the following instructions for each component you want controlled:

NOTE: For TV/VCR Combo control, see the next section.

1. Turn on a component (e.g., VCR) and, if applicable, insert media, (e.g., cassette or disc).

   NOTE: Please read steps 2-4 completely before proceeding. We recommend highlighting or writing down the codes and device you wish to program before moving onto step 2.

2. On the UNO-LRC1, press a component key once (i.e., **VID**, **DVD** or **TV**). Press and hold **SETUP** until the LED blinks twice, then release **SETUP**.

   Components are assigned to each component key.

   ⊙ = Cable, Satellite, DSS, Vid Acc.
   ⊙ = VCR, DVD, LDP, Audio Cassette, DVR
   ⊙ = VCR, DVD, LDP, Audio Cassette, DVR
   ⊙ = UNO Keypad

3. Use the *Manufacturer's Codes* (on the back side) to locate the the type of component and brand name and then enter the first four-digit code for your component. If performed correctly, the LED will blink twice.

   NOTE: If the LED did not blink twice, then repeat steps 2 through 3 and try entering the same code again.

4. Aim the UNO-LRC1 at the component and press **PWR** once. It should turn off. If it does not respond, repeat steps 2-3, 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*).

   NOTE: If the device does not have a PWR key, press PLAY.

5. Repeat steps 1 through 4 for each component you want the UNO-LRC1 to control.

PROGRAMMING TV/VCR COMBO CONTROL

Perform the following instructions to control a TV/VCR Combo:

1. Turn on the TV/VCR Combo and insert a video cassette.

   NOTE: Please read steps 2-4 completely before proceeding. We recommend highlighting or writing down the code for the brand you wish to program before moving onto step 2.

2. On the UNO-LRC1, press **DVD** Press and hold **SETUP** until the LED blinks twice, then release **SETUP**.

3. Use the *Setup Codes For TV/VCR Combos* (on the back side) to locate the brand name and then enter the first four-digit code for your component. If performed correctly, the LED will blink twice.

   NOTE: If the LED did not blink twice, then repeat steps 2 through 3 and try entering the same code again.

4. Aim the UNO-LRC1 at the component and press **PWR** once. It should turn off. If it does not respond, repeat steps 2-3, 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*).

   NOTE: If the device does not have a PWR key, press PLAY.

5. If you've located a setup code that works, but it has a separate TV code, you'll also need to program it into the UNO-LRC1 to access volume control as follows:

   a. Press **TV** once. The LED will blink twice.

   b. Enter the TV code for your TV/VCR Combo. If correct, the LED will blink twice.

   If there is no separate TV code listed, you will need to perform the following steps to access volume control:

   a. Press and hold **SETUP** until the LED blinks twice, then release **SETUP**.

   b. Enter **9 - 9 - 3**. The LED will blink twice.

   c. Press **DVD** once. The LED will blink twice.

SEARCHING FOR YOUR CODE

If your device does not respond to the UNO-LRC1 after trying all 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. On the UNO-LRC1, press **TV** once.

2. 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 the TV and slowly alternate between pressing **PWR** and **TV**. Stop when the TV turns off.

   NOTE: In the search mode, the UNO-LRC1 will send IR codes from its library to the selected device, 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., **VID**, **DVD**, or **TV**).

LEARNING CAPABILITY

To optimize success, the learning process should be conducted in an area where there is a low level of IR emission. High levels of "natural light" or energy efficient fluorescent lights could interfere with a learning event The source and target (learner) remotes should be no more than 1 to 2 inches apart during a learning event and the IR LEDs of the two units should be aligned with each other. The learning operation is initiated as follows:

1. Press and hold **SETUP** until double blink confirmation. Press **9 - 7 - 5** to initiate learning mode.

2. Press **[MODE]** and key to be learned (time out if no key pressed in 10 seconds).

3. Visible LED flashes rapidly (time out if no received signal detected in 4 sec.)

4. Hold teaching remote close to IR LED and press key to be taught.

5. Visible LED goes out. Continue to press teaching key until double blink from visible LED. (One long blink indicates a learning failure)

6. Repeat steps 2 through 5 as often as desired (up to limit of memory).

7. Exit learning mode by pressing **SETUP**, or by time out (10 seconds).

At step 5, one long blink indicates learning failure, which could be:

   a. Bad capture (try again)
   b. Memory full (delete some other function)
   c. Unlearnable code

Deleting a learned code:

To delete a learned code, either overwrite it with a new code on the same key, or use the following sequence:

   Press **[MODE]** then **SETUP** (press and hold till you see two blinks) **9 - 7 - 6** then press the key you wish to delete twice.

Sending a key's original (preprogrammed) function:

If a function is learned onto a key, then **SETUP** - key will send the key's original function (as long as nothing else has been learned or keymoved onto the "shifted" key as well).

Interaction of learned keys and keymover:

- If both a learned function and a key-moved function are placed on the same key, whichever was programmed last will take precedence.

- A learned function cannot be used as a source for keymover, keymover always uses the key's original function as the source.

Limitations on Learning

- There are certain device codes which are not learnable. These include multi-frequency codes (e.g. Telefunken), some high frequency codes, and other unusual formats.

- The learner will support IR codes with carrier frequency up to 135 Khz.

- The unit can learn only one code per key. It can't be taught a sequence of several keystrokes on one key.

- All keys with the exception of Modes, and SETUP can be learned on.

- During a learning event. The source remote and target should be no more than 1 to 2 inches apart.

- In some cases you may be required to re-learn a code if it is not correctly learned.

- The learning process should be conducted in an area where there is a low levels of IR emission. High levels of "nature light" or Energy efficient fluorescent lights, could interfere with a learning event.

- In general, it is not recommended to learn a function to the Record Key. The Record Key requires a double key press to send the record function in normal operation. The double key press is lost when the Record key is involved in most learning operations. This lack of consistency in operation generates a source of confusion for the user and is best to be avoided when possible. However, the Record key is learnable.

- Typically, there are up to 24 buttons that can be learned.

CHECKING THE CODES

If you have set up the UNO-LRC1 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. On the UNO-LRC1, press **TV** once.

2. 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, count the LED blinks (e.g., 3 blinks = 3) and write down the number.

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.

6. To check for the codes of your other components, repeat steps 1 through 5, but substitute the appropriate key (i.e., **VID**, **DVD**, or **TV**) component you are checking. As before, write down each four-digit code.

CHANGING VOLUME LOCK

The UNO-LRC1 is set to control volume of a component through your TV while in the ⊙, ⊙, or ⊙ mode. In UNO mode, you have control of your UNO keypad's volume.

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

To change Volume Lock to another mode:

1. On the UNO-LRC1, press and hold **SETUP** until the LED blinks twice, then release **SETUP**.

2. Enter **9 - 9 - 3** and then press any mode key once (except **TV**). The LED will blink twice.

3. Now, whenever you press **VOL +**, **VOL –**, or **MUTE**, volume will be controlled by your mode choice.

To change Volume Lock back to the TV mode:

1. On the UNO-LRC1, press and hold **SETUP** until the LED blinks twice, then release **SETUP**.

2. Enter **9 - 9 - 3** and then press **TV**. The LED will blink twice.

3. Now, whenever you press **VOL +**, **VOL –**, or **MUTE** on the UNO-LRC1, volume will be controlled by your TV.

TROUBLESHOOTING

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

PROBLEM: LED blinks when you press a key, but home entertainment component does not respond.
SOLUTION: Make sure the UNO-LRC1 is aimed at your home entertainment component and is not farther than 15 feet away.

PROBLEM: UNO-LRC1 does not control home entertainment components or commands are not working properly.
SOLUTION: Try all listed codes for the component brands being set up. Make sure they 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.

PROBLEM: No volume on a 2nd TV.
SOLUTION: Follow instructions in *Changing Volume Lock*.

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 controlrequired pressing ENTER to change channels, press **ENTER** on the UNO-LRC1 after entering the 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 **SETUP** until red light blinks twice, then release. Next enter **9 - 9 - 2**. Then press and release the device key to be cleared twice.

PROBLEM: Remote control does not turn on Sony or Sharp TV/VCR Combo.
SOLUTION: For power on, these prod-ucts require programming TV codes. For Sony, use TV code 0000 and VCR code 0032. For Sharp, use TV code 0093 and VCR code 0048.

MANUFACTURER'S CODES

Setup Codes for TVs: ☺

Manufacturer	Code
AOC	0030, 0019, 0185
Admiral	0093, 0463
Aiko	0092
Akai	0030
Alaron	0179
Ambassador	0177
America Action	0180
Ampro	0751
Anam	0180
Anam National	0055
Audiovox	0451, 0180, 0623, 0092
Baysonic	0180
Belcor	0019
Bell & Howell	0154, 0016
Bradford	0180
Brockwood	0019
Broksonic	0236, 0463
CXC	0180
Candle	0030, 0056
Carnivale	0030
Carver	0054
Celebrity	0000
Cineral	0451, 0092
Citizen	0060, 0030, 0056, 0092
Clairtone	0185
Concerto	0056
Contec	0180, 0185
Craig	0180
Crosley	0054
Crown	0180
Curtis Mathes	0047, 0747, 1147, 1347, 0054, 0154, 0051, 0451, 0093, 0060, 0030, 0056, 0145, 0016, 0166, 0466
Daewoo	0451, 0019, 0623, 0624, 0092
Daytron	0019
Denon	0145
Dumont	0017, 0019
Dwin	0720, 0774
Electroband	0000, 0185
Emerson	0154, 0236, 0463, 0180, 0178, 0179, 0019, 0623, 0624, 0177, 0185
Envision	0030
Fisher	0154, 0159
Fujitsu	0179, 0683
Funai	0180, 0179, 0171
Futuretech	0180
GE	0047, 0747, 1147, 1347, 0051, 0451, 0093, 0178, 0021, 0055
Gibralter	0017, 0030, 0019
GoldStar	0030, 0178, 0056, 0019
Gradiente	0053, 0056
Grunpy	0180, 0179
Hallmark	0178
Harley Davidson	0179
Harman/Kardon	0054
Harvard	0180
Hitachi	0056, 0145, 0016, 0151
Infinity	0054
Inteq	0017
JBL	0054
JCB	0000
JVC	0053
KEC	0180
KTV	0180, 0030, 0185
Kenwood	0030, 0019
Konka	0707, 0628, 0632, 0638, 0703
LG	0056
LXI	0047, 0747, 0054, 0154, 0156, 0178
Logik	0016
Luxman	0056
MEI	0185
MGA	0150, 0030, 0178, 0019
MTC	0060, 0030, 0056, 0019, 0185
Magnavox	0054, 1254, 0030, 0179, 0187
Majestic	0016
Marantz	0054, 0030
Matsushita	0250
Megatron	0178, 0145
Memorex	0154, 0250, 0463, 0150, 0178, 0179, 0056, 0016
Midland	0047, 0747, 0017, 0051
Minutz	0021
Mitsubishi	0093, 0150, 0178, 0019
Motorola	0093, 0055
Multitech	0180
NAD	0156, 0178, 0166
NEC	0030, 0056, 0019
NTC	0092
Nikko	0030, 0178, 0092
Noshi	0018
Onwa	0180
Optimus	0154, 0250, 0166
Optonica	0093
Orion	0236, 0463, 0179
Panasonic	0051, 0250, 0055
Penney	0047, 0747, 1347, 0156, 0051, 0060, 0030, 0178, 0021, 0056, 0019, 0018
Philco	0054, 0463, 0030, 0145, 0019

Manufacturer	Code
Philips	0054
Pilot	0030, 0019
Pioneer	0166, 0679
Portland	0019, 0092
Princeton	0717
Prism	0051
Proscan	0047, 0747
Proton	0178, 0466
Pulsar	0017, 0019
Quasar	0051, 0250, 0055
RCA	0047, 0747, 1047, 1147, 1247, 1347, 1447, 0090, 0051, 0093, 0019, 0679, 0018
Radio Shack	0047, 0747, 0154, 0180, 0030, 0178, 0056, 0019
Realistic	0154, 0180, 0030, 0178, 0056, 0019
Rhapsody	0185
Runco	0017, 0030, 0603
SSS	0180, 0019
Sampo	0030
Samsung	0060, 0030, 0178, 0056, 0019
Sansei	0451
Sansui	0463
Sanyo	0154, 0159
Scimitsu	0019
Scotch	0178
Scott	0236, 0180, 0178, 0179, 0019
Sears	0047, 0747, 0054, 0154, 0156, 0178, 0179, 0056, 0171, 0159
Semivox	0180
Semp	0156
Sharp	0093, 0688
Shogun	0019
Signature	0016
Simpson	0187
Sony	0000
Soundesign	0180, 0178, 0179
Squareview	0171
Starlite	0180
Supreme	0000
Sylvania	0054, 0030
Symphonic	0180, 0171
TMK	0178, 0056, 0177
TNCi	0017
Tandy	0093
Tatung	0055
Technics	0051, 0250
Technol Ace	0179
Techwood	0051, 0056
Teknika	0054, 0180, 0150, 0060, 0179, 0056, 0019, 0016, 0092
Telefunken	0056
Toshiba	0154, 0156, 0060
Toshiba	1256
Tosonic	0185
Vector Research	0030
Victor	0053
Vidikron	0054
Vidtech	0178, 0019
Wards	0054, 0030, 0178, 0021, 0179, 0056, 0019, 0016
White Westinghouse	0463, 0623, 0624
Yamaha	0030, 0019
Zenith	0017, 0463, 0624, 0016, 0092

Setup Codes for VCRs: ☺

Manufacturer	Code
Admiral	0048, 0209
Adventura	0000
Aiko	0278
Aiwa	0037, 0000
Akai	0041
America Action	0278
American High	0035
Asha	0240
Audiovox	0037
Beaumark	0240
Bell & Howell	0104
Broksonic	0184, 0121, 0209, 0002, 0479
CCE	0072, 0278
Calix	0037
Canon	0035
Carver	0081
Cineral	0278
Citizen	0037, 0278
Colt	0072
Craig	0037, 0047, 0240, 0072
Curtis Mathes	0035, 0060, 0760, 0162, 0041
Cybernex	0240
Daewoo	0045, 0278
Denon	0042
Dynatech	0000
Electrohome	0037
Electrophonic	0037
Emerex	0032
Emerson	0037, 0184, 0000, 0121, 0043, 0209, 0002, 0278, 0479
Fisher	0047, 0104
Fuji	0035, 0033
Funai	0000
GE	0035, 0060, 0760, 0048, 0240
Garrard	0000
Go Video	0432, 0526

Manufacturer	Code
GoldStar	0037, 0038
Gradiente	0000
HI-Q	0047
Harley Davidson	0000
Harman/Kardon	0081, 0038
Harwood	0072
Headquarter	0046
Hitachi	0000, 0042, 0041
Hughes Net. Sys.	0042
JVC	0067, 0041
Jensen	0041
KEC	0037, 0278
KLH	0072
Kenwood	0067, 0041, 0038
Kodak	0035, 0037
LXI	0037
Lloyd's	0000
Logik	0072
MEI	0035
MGA	0240, 0043
MGN Technology	0240
MTC	0000, 0240
Magnasonic	0278
Magnavox	0035, 0039, 0081, 0000, 0149
Magnin	0240
Marantz	0035, 0081
Marta	0037
Matsushita	0035, 0162, 0454
Memorex	0035, 0037, 1037, 0048, 0039, 0047, 0162, 1162, 1262, 0000, 0240, 0104, 0209, 0454, 0479, 0046
Minolta	0042
Mitsubishi	0048, 0067, 0043
Motorola	0035, 0048
Multitech	0000, 0072
NEC	0067, 0104, 0041, 0038
Nikko	0037
Noblex	0240
Olympus	0035
Optimus	0037, 0048, 1048, 0162, 1062, 1162, 1262, 0104, 0454, 0432
Orion	0184, 0209, 0002, 0479
Panasonic	0035, 0225, 0162, 1062, 1162, 1362, 0454, 0616
Penney	0035, 0037, 0042, 0240, 0038
Pentax	0042
Philco	0035, 0209, 0479
Philips	0035, 0081, 1081, 1181, 0618
Pilot	0037
Pioneer	0067
Polk Audio	0081
Profitronic	0240
Proscan	0060, 0760
Protec	0072
Pulsar	0039
Quarter	0046
Quartz	0046
Quasar	0035, 0162, 1162, 0454
RCA	0035, 0060, 0760, 0048, 0042, 0240, 0149
RCA	0060
Radio Shack	1037, 0000
Radix	0037
Randex	0037
Realistic	0035, 0037, 0048, 0047, 0000, 0104, 0046
ReplayTV	0614, 0616
Runco	0039
STS	0042
Samsung	0045, 0240
Sanky	0048, 0039
Sansui	0000, 0067, 0209, 0041, 0479
Sanyo	0047, 0240, 0104, 0046
Scott	0184, 0045, 0121, 0043
Sears	0035, 0037, 0047, 0000, 0042, 0104, 0046
Semp	0045
Sharp	0048
Shintom	0072
Shogun	0240
Singer	0072
Sony	0035, 0032, 1032, 0000, 0636, 0033
Sylvania	0035, 0081, 0000, 0043
Symphonic	0000
TMK	0240
Tatung	0041
Teac	0000, 0041
Technics	0035, 0162
Teknika	0035, 0037, 0000
Thomas	0000
Tivo	0618, 0636
Toshiba	0045, 0043
Totevision	0037, 0240
Unitech	0240
Vector	0045
Vector Research	0038
Video Concepts	0045
Videosonic	0240
Wards	0035, 0060, 0760, 0048, 0047, 0081, 0000, 0042, 0240, 0072, 0149
White Westinghouse	0209, 0072, 0278
XR-1000	0035, 0000, 0072
Yamaha	0038
Zenith	0039, 0000, 0209, 0479, 0033

Setup Codes for TV/VCR Combos: ☺

Manufacturer	Code
American High	0035 (for TV use 0051)
Brocksonic	0002, 0294,
Colt	0072
Curtis Mathis	0035 (for TV use 0051)
Daewoo	0278
Emerson	0002, 0294, 0479
Funai	0000
GE	0035 (for TV use 0051), 0060 (for TV use 0047), 0048 (for TV use 0093), 0240
Hitachi	0035 (for TV use 0051), 0000
HQ	0000
Lloyds	0000
MGA	0240
Magnavox	0081 (for TV use 0054), 0035 (for TV use 0051), 0000
Magnin	0240
Memorex	0037, 0162 (for TV use 0250)
Mitsubishi	0048 (for TV use 0093)
Orion	0002, 0294, 0479
Panasonic	0035 (for TV use 0051), 0162 (for TV use 0250)
Penney	0035 (for TV use 0051), 0240, 0162 (for TV use 0250)
Quasar	0035 (for TV use 0051), 0162 (for TV use 0250)
RCA	0060 (for TV use 0047), 0035 (for TV use 0051), 0048 (for TV use 0093)
Sansui	0000, 0479
Sanyo	0240
Sears	0000, 0037
Sharp	0048 (for TV use 0093)
Sony	0032 (for TV use 0000)
Symphonic	0000
Zenith	0000

Setup Codes for Cable Coverters: ☺

Manufacturer	Code
ABC	0003, 0017
Americast	0899
Bell South	0899
General Instrument	0476, 0810
GoldStar	0144
Hamlin	0009, 0034, 0273
Jerrold	0003, 0476, 0810
Memorex	0000
Motorola	1106
Pace	0237
Panasonic	0000, 0107
Paragon	0000
Philips	0305, 0317
Pioneer	0144, 0877, 0533
Pioneer	0533
Pulsar	0000
Quasar	0000
Regal	0273, 0279
Runco	0000
Samsung	0144
Scientific Atlanta	0477, 0877, 0017
Starcom	0003
Toshiba	0000
Zenith	0525, 0000, 0899

Setup Codes for Satellite or DBS Receivers: ☺

Manufacturer	Code
AlphaStar	0772
Chaparral	0216
Echostar	0775, 1005
Expressvu	0775
GE	0566
General Instrument	0869
HTS	0775
Hitachi	0819
Hughes Network Systems	0749
JVC	0775
Magnavox	0724, 0722
Memorex	0724
Mitsubishi	0749
Next Level	0869
Panasonic	0701
Philips	0749, 0724, 0722, 1076
Proscan	0392
RCA	0566, 0143, 0855, 0392
Radio Shack	0869
Samsung	1109
Sony	0639
Star Choice	0869
Toshiba	0749, 0790
Uniden	0724, 0722
Zenith	0856

Setup Codes for DVD Players: ☺

Manufacturer	Code
Apex	0672
Denon	0490
Fisher	0670
GE	0522
Gradiente	0651

Manufacturer	Code
Hitachi	0573, 0664
Hiteker	0672
JVC	0558, 0623
Kenwood	0534, 0682
Konka	0711, 0719, 0720, 0721
Magnavox	0503
Magnavox	0675
Marantz	0539
Mitsubishi	0521
Onkyo	0503
Optimus	0571
Oritron	0651
Panasonic	0490, 0677, 0632
Philips	0503, 0539
Pioneer	0525, 0571, 0632
Proscan	0522
RCA	0522, 0571
Samsung	0573
Sony	0533
Technics	0490
Theta Digital	0571
Toshiba	0503
Yamaha	0490, 0545
Zenith	0503, 0591

Setup Codes for LD Players: ☺

Manufacturer	Code
Denon	0059
Mitsubishi	0059
NAD	0059
Optimus	0059
Panasonic	0204
Pioneer	0059
Quasar	0204
Sony	0201, 0193
Technics	0204

Setup Codes for DBS Audio Services: ☺

Manufacturer	Code
Aiwa	0010, 0159, 0404
Fisher	0052
Harman/Kardon	0477
JBL	0477
JVC	0073
Jerrold	0459, 0520
RCA	0056
Scientific Atlanta	0460
Sony	0010, 0159
Starcom	0459

Setup Codes for Video Accessories: ☺

Manufacturer	Code
Panasonic	1120
Pioneer	1010
Sensory Science	1126
Sharp	1010

ADDITIONAL INFORMATION

The UNO-LRC1 does not have any user-serviceable parts. Opening the case, except for the battery cover, may cause permanent damage to your UNO-LRC1.

M4800   UNO-LRC1 08/03