



IR/RF LCD 8-DEVICE WITH LEARNING UNIVERSAL REMOTE CONTROL (URC-9910)

User's Guide



TABLE OF CONTENTS

Introduction	3
Installing Batteries	4
Setting The Clock	5
Features And Functions	6
Key Charts	7
Setting Up Your Component	10
Programming TV/VCR Combo Control	12
Manufacturer's Codes	14
Setup Codes for TVs	14
Setup Codes for VCRs	17
Setup Codes for TV/VCR Combos	19
Setup Codes for DVD Players	20
Setup Codes for Cable Converters	21
Setup Codes for Satellite Receivers	22
Setup Codes for CD Players	22
Setup Codes for Audio Amplifiers	23
Setup Codes for Audio Cassette Decks	24
Setup Codes for Audio Receivers	24
Setup Codes for Audio Turntables	25
Setup Codes for Misc. Audio Services	25
Setup Codes for DAT Recorders	25
Setup Codes for LD Players	25
Setup Codes for Home Automation	25
Setup Codes for Video Accessories	26
Searching For Your Code	27
Using Learning	29
Programming A Learning Key	29
Deleting A Function From A Learning Key	31
Using Volume Lock	32
Programming Volume Lock	32
Programming Volume Unlock	33
Using Macros	34
Programming A Favorite Channel	34
Programming A Master Power Key With Instant Channel Selection	35
Clearing A Macro	36
Re-Assigning Device Keys	37
Using Keylover	38
Programming Keylover	38
Restoring Keylover	39
Using Channel Scan	41
Programming Favorite Channel Scan	41
Using The Home Theater Mode	43
Control Organization	43
Programming The Home Theater Mode	44
Operating The Home Theater Mode	47
Using Commercial Skip	48
Programming Commercial Skip	48
Operating Commercial Skip	49
Restoring Factory Default Settings	50
About Upgrading	51
Using The IR/RF Command Center	52
Setting Up The IR/RF Command Center	52
Adding The IR Signal Extension Cord	53
Optimizing IR/RF Command Center Reception	54
Specifications	54
Troubleshooting	55
Error Messages	56
Customer Support	57
Compliance With FCC Rules And Regulations	57
Key Index	58
Limited Warranty	77
Additional Information	78

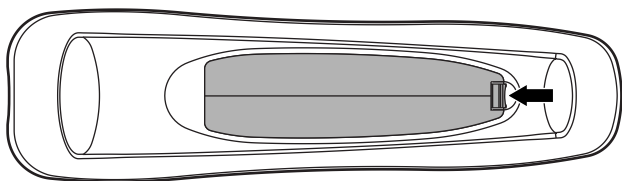
INTRODUCTION

The One For All IR/RF LCD 8-Device With Learning Universal Remote Control (URC-9910) is our latest high-performance universal remote control. It is designed to operate up to eight home entertainment devices, including TV, video, and audio components. Moreover, this remote control contains sophisticated technology that will allow you to conveniently consolidate the clutter of all of the original remote controls used in your home entertainment system. It's packed with easy-to-use features such as:

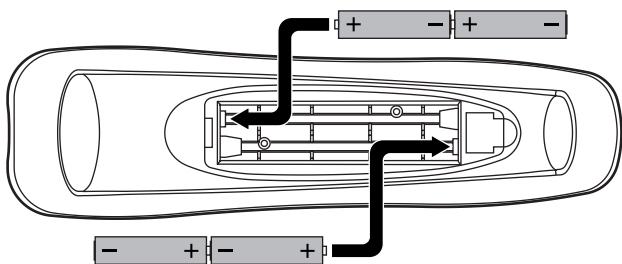
- Advanced Liquid Crystal Display (LCD) with 15 alphanumeric characters, real-time clock, and icons for constant visual feedback of operations and programming sequences
- A unique *Home Theater* mode that combines different device controls under one mode for operating convenience
- Three macro keys for instant activation of favorite key sequences
- Four learning keys to capture unique functions from your devices' original remote controls
- *Key Mover* for copying keys from one device to another, or to a different position in the same mode
- *Code Search* to help you program device codes without using the code list (starting on page 14) or for brands or models not listed
- *Favorite Channel Scan* for easy channel surfing
- Mode reassignment to control duplicate types of devices
- *Volume Lock* to assign volume controls to individual devices or to one global device
- *Commercial Skip* feature allows you to channel surf during commercial interruptions of your favorite programs
- Includes *IR/RF Command Center* to extend the remote control's signal range
- Pre-programmed database with the world's largest and most efficient group of infrared codes insures device compatibility
- Internal modem for upgrading device codes over the telephone
- A low battery icon to notify you when batteries are getting low
- Backlighting feature to aid operation in low ambient light

The One For All IR/RF LCD 8-Device With Learning Universal Remote Control (URC-9910) requires four (4) new AAA alkaline batteries (not included) and easy programming to control your devices. For best results, please read and perform all instructions listed here. Also, keep these instructions for future reference.

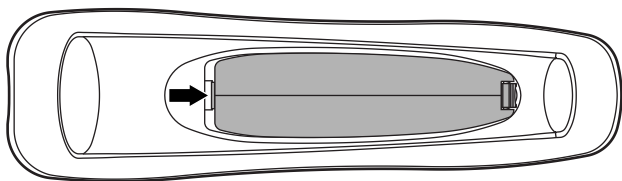
INSTALLING BATTERIES



1



2




3

1. On the back of the URC-9910 remote control, push the tab and lift off the battery cover.
2. Obtain four (4) new AAA alkaline batteries. Match the + and - marks on the batteries to the + and - marks in the case, and then insert the new batteries.
3. Align the cover key with the case opening and replace the cover until it locks.
4. If batteries are inserted correctly, the entire LCD will turn on. After 5 seconds of inactivity, the remote control will turn itself off to conserve battery life.
5. Perform the steps in *Setting The Clock* (on the next page) to set the correct time.

NOTE: When a battery icon appears in the display (see page 7, Key Charts, LCD), the batteries are low. Simply replace them and the URC-9910 remote control will be restored to full functionality, complete with your favorite settings.

SETTING THE CLOCK

1.  On the URC-9910 remote control, press and hold SET until you see the display change from the default device and time to [CODE SET].



NOTE: Default values for device, its code, and time are shown above. Your remote control settings may be different.

NOTE: If you wish to exit the programming mode at any time, press EXIT once. You will see an [EXIT] message as the remote control returns to normal operation.


NOTE: If you see an [INVALID] message, you have inadvertently pressed an incorrect key. Simply note your error and continue programming.

2.  Press the ▲ key five times until you see the display change to [CLOCK SET].


(x 5)




NOTE: If you go past [CLOCK SET], press the ▼ key one or more times to return to it.

3.  Press SELECT once to begin programming. You will see the display change to the current time.



4.  Press the ▲ key one or more times until you see the desired hour (a.m. or p.m.).

5.  Press the ▼ key one or more times until you see the desired minute.

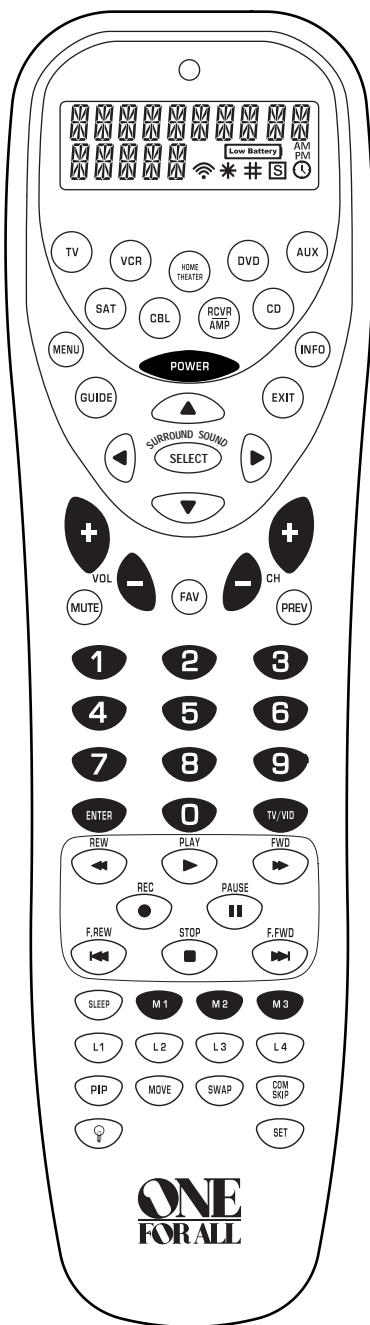
6.  Once the time is correctly set, press SELECT once to accept the values. The display will confirm your entry with [SUCCESS] and then [EXIT SETUP].



The URC-9910 remote control will return to normal operation.

FEATURES AND FUNCTIONS

Use the illustration below to locate features on the URC-9910 remote control and then study the *Key Charts* (on the next three pages) to learn how they function.



Key Charts



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



The LCD (Liquid Crystal Display) provides 15 alphanumeric characters that display status messages during remote control operation and programming. Also, one or more icons appear in the LCD to indicate the following conditions:

AM or PM

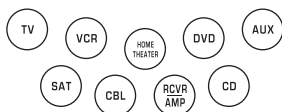
Morning or Afternoon Time



Low Battery



IR Signal Transmission



Press TV, VCR, DVD, AUX, SAT, CBL, RCVR/AMP, or CD once to select a desired home entertainment device to control.

After programming, press HOME THEATER once to select the home theater mode. (See *Using The Home Theater Mode* on page 43.)



Press POWER once to turn on or off the selected device.



Use the cursor keys (▲, ▼, ◀ or ▶) to move the cursor in the program guide and menu screens. Use SELECT to choose options from your selected device's menu or guide.

In the CD mode, use SELECT to select a compact disc. Use ▲ (or ▼) to select the next (or previous) CD. Use ▶ (or ◀) to select the next (or previous) track.

In the RCVR/AMP mode, use SELECT to set the surround sound. Use ▲ (or ▼) to adjust the volume higher (or lower). Use ◀ (or ▶) to adjust the balance left (or right).



Press MENU once to display your selected device's main menu.



Use GUIDE to display your selected device's program guide or setup menu.

continued on next page...

FEATURES AND FUNCTIONS

Key Charts (continued)



Use EXIT to exit from your selected device's guide or menu.



Use INFO to display the current channel and program information.



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



Press MUTE once to turn the audio off or on.



In the TV, VCR, DVD, SAT, and CBL modes, use FAV to scan favorite channels and/or all channels. (See *Using Channel Scan* and *Programming Favorite Channel Scan* on page 41.)



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



Press PREV once to recall the last-viewed channel and to page back one screen on the main menu.

In the CD mode, use PREV to turn random play on or off.

In the RCVR/AMP mode, use PREV to select the receiver band.



Use the keypad (1 ~ 9 and 0) to directly select channels (e.g., 009 or 031).



In the RCVR/AMP mode, use the keypad (1 ~ 9 and 0) to select audio sources 1 through 10.

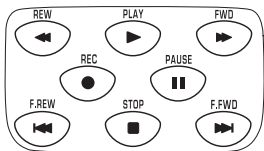


Press ENTER once after entering the channel numbers on some TVs.

In the CD mode, use ENTER to add 10 to the digit entry (e.g., ENTER and 7 is 17).



Use TV/VID to switch the TV's input to view TV or video programs.



Use the transport keys to control your VCR, DVD or CD player, or VOD (Video On Demand) if available on your cable or satellite service.

To record a VCR program, press REC twice.



Use SLEEP to activate your device's sleep timer (not available for all devices).



After programming, press M1 ~ M3 once to run a desired macro (see *Using Macros* on page 34).



After programming, press L1 ~ L4 once to activate a learned function. (See *Using Learning* on page 30.)



Use PIP to switch the Picture-In-Picture feature on or off (if available on your TV).



Use MOVE to move the window picture to different positions in the main picture.




Use SWAP to switch images and sound between the main and window pictures.



After programming, use COM SKIP to skip commercials on selected devices (i.e., TV, VCR, DVD, CBL, and SAT). (See *Using Commercial Skip* on page 48.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use SET for all programming sequences.


SETTING UP YOUR COMPONENTS

The URC-9910 remote control is preprogrammed at the factory to operate an RCA TV and VCR, a Motorola (GI) cable converter, an RCA satellite receiver, a Pioneer CD player, a Toshiba DVD player, a Pioneer audio receiver/ amplifier, and a One For All home automation device. To control devices other than the default brands, perform the following steps and repeat them as needed for each device to be programmed; otherwise skip this section:

NOTE: For TV/VCR Combo control, see "Programming TV/VCR Combo Control" on page 12.

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

NOTE: Please read steps 2 through 8 completely before proceeding. Highlight or write down the codes and device you wish to program before starting step 2.


2.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].




NOTE: The device, its code, and time are examples. Your remote control settings may be different.

NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.

NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.


3.  Press SELECT once to begin programming. You will see the display change to the last-selected device and its current code (e.g., TV and 0051).



4.  Press a desired device key once (e.g., VCR). You will see the display change to the desired device and its current code (e.g., VCR and 0035).



NOTE: Use the AUX key to program control of home automation devices, video accessories, audio services, and other audio or video devices. Alternately, use the AUX key to program control of a second device type (e.g., a second VCR; see "Re-assigning Device Keys" on page 37).

5.  Use the *Manufacturer's Codes* (starting on page 14) to locate the type of device and brand name. Then use the keypad to enter the first four-digit code for your device and press SELECT once.

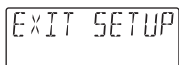
For example, to enter the first GE VCR code (on page 17), press 0 twice, 6 once, 0 once, and then SELECT once.

If the code is entered correctly, you will see the [SUCCESS] message.



6. 

Press EXIT to exit the programming mode. You will see an [EXIT SETUP] message as the URC-9910 remote control returns to normal operation.



7. 

To verify the code works, aim the URC-9910 remote control at the desired device, press its device key once and then press POWER once. The device should turn off. If it does not respond, repeat steps 2 through 6, trying each code for your brand until you find one that works. If it still does not work, try *Searching For Your Code* on page 27.

NOTE: If the device does not have a POWER key, press the ► (Play) key.

8. Repeat steps 1 through 7 for each device you want to control. For future reference, write down each working device code in the boxes below:

TV Code:

VCR Code:

DVD Code:

SAT Code:

CBL Code:

RCVR/AMP Code:

CD Code:

AUX Code:


Aux. Device Type: _____

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 through 9 completely before proceeding. Highlight or write down the codes and device you wish to program before starting step 2.


2.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].




NOTE: The device, its code, and time are examples. Your remote control settings may be different.

NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.


NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.

3.  Press SELECT once to begin programming. You will see the display change to the last-selected device and its current code (e.g., TV and 0051)



4.  Press VCR once. You will see the display change to [VCR] and its current code.




5.  Use the *Setup Codes For TV/VCR Combos* (on page 19) to locate the type of device and brand name. Then use the keypad to enter the first four-digit code for your device and press SELECT once.

For example, to enter the first Sony TV/VCR Combo code on page 23, press 0 four times and then SELECT once.

If the code is entered correctly, you will see the [SUCCESS] message.




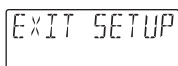
NOTE: If your TV/VCR Combo has a separate TV code, you will also need to perform step 6.



6.  (Optional) Skip this step if your TV/VCR Combo *does not* have a separate TV code. Otherwise, press TV once. You will see the display change to [TV] and its current code.



Use the keypad to enter the separate TV code for your device.

7.  Press EXIT to exit the programming mode. You will see [EXIT SETUP] as the URC-9910 remote control returns to normal operation.



8.   To verify the code works, aim the URC-9910 remote control at the desired device, press VCR once and then press POWER once. The TV/VCR Combo should turn off. If it does not respond, repeat steps 2 through 8, trying each code for your brand until you find one that works. If it still does not work, try *Searching For Your Code* on page 27.

NOTE: If the device does not have a POWER key, press the ► (Play) key.

NOTE: For VCR/TV Combos programmed with separate TV codes, TV volume is controlled by pressing VCR first and then TV. After that, use VOL+ (or VOL-) to raise (or lower) the TV volume. For other alternatives on controlling volume keys, see "Changing Volume Lock" on page 32 or "Using Keymover" on page 38.

9. For future reference, write down the working TV/VCR combo code in the below boxes:


TV/VCR Code:

TV Code
(if used):

SEARCHING FOR YOUR CODE

If your device does not respond to the URC-9910 remote control after trying all codes listed for your brand, or if your brand is not listed at all, try manually searching for your code.

For example, to manually search for a code for your TV:

1. Turn on the TV.
2.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].



NOTE: The device, its code, and time are examples. Your remote control settings may be different.


NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.

NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.


3.  Press the ▼ key once until you see the display change to [MAN SRCH].

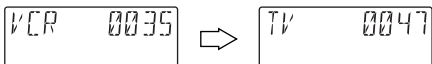




NOTE: If you go past [MAN SEARCH], press the ▲ key one or more times to return to it.

4.  Press SELECT once to begin programming. You will see the display change to the last-selected device and its code (e.g., VCR and 0035).



5.  Press a desired device key once (e.g., TV). You will see the display change to the desired device and the first code in the manual search list (e.g., TV and 0047).



6.  Aim the URC-9910 remote control at the device (e.g., TV) and press SELECT once. You will see the LED (red light) blink and the  (IR) icon flash indicating IR codes are being transmitted.





continued on next page...

SEARCHING FOR YOUR CODE (continued)

NOTE: In the manual search mode, the URC-9910 remote control will send IR codes from its library to the selected device, starting with the most popular code first.

7. 

If the device (e.g., TV) turned off, skip to the next step. If it did not turn off, aim the URC-9910 remote control at the device (e.g., TV) and press the  key once to advance the manual search to the next code (e.g., TV and 0054). Again you will see the LED (red light) blink and the  (IR) icon flash.



Repeat this step as often as needed until you find a code that turns off the device.

8. 

To save the working code, press SELECT once. The display will confirm your entry with [SUCCESS] and then [EXIT SETUP].



The URC-9910 remote control will return to normal operation.

NOTE: For future reference, write down the working device code in the appropriate boxes on page 11.

9.

To perform a manual code search for another device, repeat steps 1 through 8, but this time (in step 5) substitute the appropriate device key for the device you are searching for.

NOTE: If you have not found a working device code after trying the above procedure, please contact our customer service center to upgrade your One For All IR/RF LCD 8-Device With Learning Universal Remote Control (URC-9910). See "About Upgrading" on page 51.


USING LEARNING

Program the learning keys (L1 ~ L4) to add functions that are unique to your home entertainment devices (e.g., VCR Tracking Up or Down). However, there are some considerations:

- Your original remote control must be in working order for the learning feature to work properly.
- Learned keys are mode specific, so each one can store a unique function for each mode.
- Learned keys can be used in macros (see *Using Macros* on page 34).
- Although dedicated keys (L1 ~ L4) are provided for storing learned functions, you can also use any key (except keys for devices and programming) for learning. However, using them as learned keys will overwrite their original functions.
- For optimum learning, avoid high levels of ambient light such as natural sunlight or energy-efficient fluorescent lights.

NOTE: Please have your original remote controls handy before programming learning. Be sure to press each key within 5 seconds of the previous entry. If not, the URC-9910 remote control will exit the programming mode.

Programming A Learning Key

1.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].



NOTE: The device, its code, and time are examples. Your remote control settings may be different.

NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.


NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.

2.  Press the ▼ key twice until you see the display changes to [IR LEARN].

(x 2)



NOTE: If you go past [IR LEARN], press the ▲ key one or more times to return to it.

3.  Press SELECT once to begin programming. You will see the display change to the last-selected device (e.g., TV).




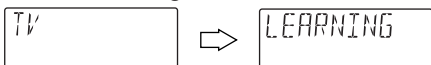
continued on next page...

USING LEARNING

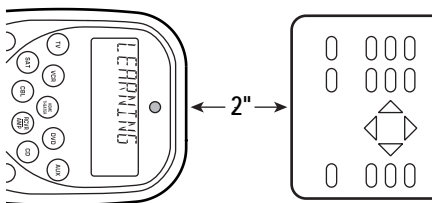
Programming A Learning Key (continued)

4.  Press a device key once (e.g., TV) to assign a desired mode for learning.

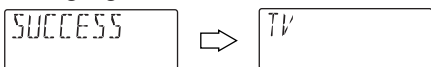
5.  Select an open learning key (e.g., L1) and press it once. You will see the display change to [LEARNING] and the LED (red light) will turn on for 5 seconds.



6. Place your original remote control (e.g., TV remote control) head-to-head (about 2" apart) from the URC-9910 remote control.



7. On your original remote control, press and hold the key (i.e., feature) to be learned until you see [SUCCESS] appear on the URC-9910 remote control. The display will return to device mode you selected for learning (e.g., TV).



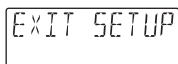
If the key was not learned, you will see an [ERROR] message instead.



Repeat steps 5 through 7 as needed to achieve [SUCCESS].

8. To learn functions onto other learning keys (e.g., L2 ~ L4), repeat steps 4 through 7 for each key.


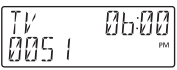


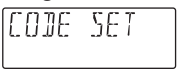







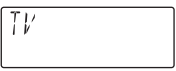

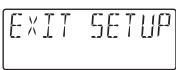
9.  Press EXIT to exit the programming mode. You will see an [EXIT SETUP] message as the remote control returns to normal operation.



10. To test a learned feature, aim the URC-9910 remote control at the desired device and press its device key once (e.g., TV, where the learning mode was assigned). Then press the learning key (e.g., L1)

where the learned feature is stored. The feature should activate. If not, try the programming the learning key again, starting with step 1 (on page 29).

Deleting A Function From A Learning Key


-  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].
 → 
NOTE: The device, its code, and time are examples. Your remote control settings may be different.
NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.
NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.
- 
(x 3) Press the ▼ key three times until you see the display change to [IR DELETE].
 → 
NOTE: If you go past [IR DELETE], press the ▲ key one or more times to return to it.
-  Press SELECT once to begin programming. You will see the display change to the last-selected device (e.g., TV).
 → 
-  Press a device key once (e.g., TV) for the mode that contains the learned function.
-  Press learning key once (e.g., L1) where the feature (to be deleted) is stored. You will see the display change to [DELETED] and then return to last-selected mode (e.g., TV).
 → 
- If desired, repeat steps 4 and 5 to delete other learned functions.
-  Press EXIT to exit the programming mode. You will see an [EXIT SETUP] message as the URC-9910 remote control returns to normal operation.


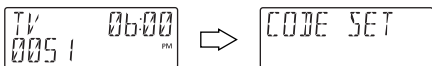
USING VOLUME LOCK

In its default (unlocked) state, the URC-9910 remote control allows each device to control its own volume only in its own mode (e.g., TV volume in the TV mode, VCR volume in VCR mode, etc.). However, using our *Volume Lock* feature, you can lock the volume controls for each device to all modes (e.g., RCVR/AMP volume in all modes).

Moreover, using the *Volume Unlock* feature (see the next page), you can further customize the settings so that a device's volume controls are unlocked in one mode, but remain locked in all other modes (e.g., TV volume in the TV mode and RCVR/AMP volume in other modes).

Programming Volume Lock

1.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].



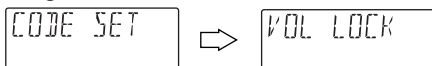
NOTE: The device, its code, and time are examples. Your remote control settings may be different.

NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.


NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.

2.  Press the ▼ key four times until you see the display change to [VOL LOCK].


(x 4)



NOTE: If you go past [VOL LOCK], press the ▲ key one or more times to return to it.

3.  Press SELECT once to begin programming. You will see the display change to [TO MODE].




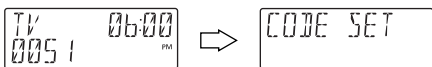
4.  Press a mode key (e.g., RCVR/AMP) to lock a device's volume controls to all modes. You will see the display change to [SUCCESS] and then [EXIT SETUP] as the remote control automatically exits the programming mode and returns to normal operation.



5. If desired, repeat steps 1 through 4 as needed to lock volume controls for other devices to all modes.

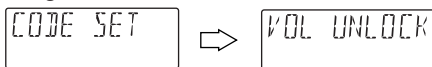
Programming Volume Unlock

1.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].




2.  Press the ▼ key five times until you see the display change to [VOL UNLOCK].

(x 5)



NOTE: If you go past [VOL UNLOCK], press the ▲ key one or more times to return to it.

3.  Press SELECT once to begin programming. You will see the display change to [ALL MODE].



To unlock one mode, skip to step 4. Otherwise press SELECT once to unlock all modes. You will see the display change to [UNLOCKED] and then [EXIT SETUP] as the remote control automatically exits the programming mode and returns to normal operation.



4.  (Optional) Press ▲ (or ▼) once. You will see the display change to [ONE MODE].

or 



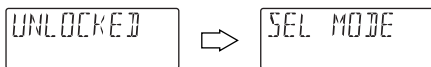


- a. Press SELECT once. You will see the display change to [SEL MODE].



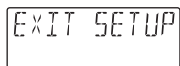


- b. Press a mode key once (e.g., TV) to unlock it. You will see the display change to [UNLOCKED] and return to [SEL MODE].





- c. If desired, repeat step 4b as needed to unlock volume controls for other devices. Otherwise, press EXIT to exit the programming mode. You will see an [EXIT SETUP] message as the remote control returns to normal operation.



USING MACROS


With programming, the M1 through M3 keys on your URC-9910 remote control can be setup to perform repetitive, time-consuming operations for easy, convenient access through the press of a single key. Macro keys are ideal for home theater operations, setting a favorite channel, guide steps, or other multiple functions you would like to control with one key press. Moreover, each macro key can hold up to 15 key presses total.

NOTE: Programming a new macro over an existing one will erase the original macro.

Programming A Favorite Channel

With so many channels available through your cable or satellite system provider, you can program a macro that directly selects a favorite channel with one key press. For example, let's assume your favorite cable programs are on channel 71. Perform the following steps to program a macro key for direct access of this channel:

NOTE: This example assumes the TV tuner is connected directly to the cable line and not through a cable converter.

1.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].



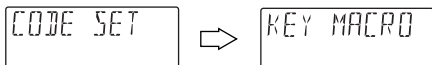
NOTE: The device, its code, and time are examples. Your remote control settings may be different.

NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.


NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.

2.  Press the ▼ key six times until you see the display change to [KEY MACRO].

(x 6)



NOTE: If you go past [KEY MACRO], press the ▲ key one or more times to return to it.

3.  Press SELECT once to begin programming. You will see the display change to [SEL MACKEY].



4.  Select an open macro key (e.g., M1) and press it once. You will see the display change to [ENTER SEQ].




5. Enter a macro sequence of up to 15 keys. For our example, press the following keys once in this order:
TV - 7 - 1

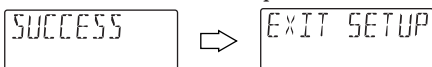
NOTE: If you have access to over 100 channels, add a 0 before the channel numbers (e.g., 0-7-1). If the original remote control required pressing an Enter key to change the channel, also press the Enter key after the channel number (e.g., 0-7-1-ENTER).

NOTE: An [ERROR] message, followed by [MAX = 15] alerts you that the macro sequence must be 15 keys or less.

After pressing the first key (in the macro sequence), you will see the display change to [SEL TO END]. This message acts as a reminder to use SELECT to end the sequence (see next step).



6.  To end the macro sequence, press and hold SELECT until you see [SUCCESS] appear in the display, followed by [EXIT SETUP]. The URC-9910 remote control will automatically exit the programming mode and return to normal operation.




Now when you press M1, you will instantly see cable channel 71 on your TV set.

Programming A Master Power Key With Instant Channel Selection

A macro key can be programmed to turn on and off your devices as well. For example, let's set up a sequence that will turn on the TV and tune it to channel 3, and then turn on the cable converter and tune it to a premium channel (e.g., 11).

NOTE: This example assumes all equipment is turned off and that the TV is connected through the cable converter with TV tuning set to channel 3.

1.  Perform steps 1 through 4 of the previous section, *Programming A Favorite Channel* on page 34. However, this time in step 4, substitute another open macro key (e.g., M2).
2. Enter a macro sequence of up to 15 keys. For our example, press the following keys once in this order:
CBL - POWER - TV - POWER - 0 - 3 - CBL - 1 - 1

NOTE: If you have access to over 100 channels, add an 0 before each set of channel numbers (e.g., 0-0-3 and 0-1-1). If the original remote control required pressing an Enter key to change the channel, also press the Enter key after each channel number (e.g., 0-0-3-ENTER and 0-1-1-ENTER).

continued on next page...


USING MACROS

Programming A Master Power Key With Instant Channel Selection (continued)

NOTE: An [ERROR] message, followed by [MAX = 15] alerts you that the macro sequence must be 15 keys or less.

3. After pressing the first key (in the macro sequence), you will see the display change to [SEL TO END]. This message acts as a reminder to use SELECT to end the sequence (see next step).


A diagram showing two rectangular boxes representing a display. The first box contains the text "ENTER SEQ". An arrow points from this box to a second box containing the text "SEL TO END".

4.  To end the macro sequence, press and hold SELECT until you see [SUCCESS] appear in the display, followed by [EXIT SETUP]. The remote control will automatically exit the programming mode and return to normal operation.

A diagram showing two rectangular boxes representing a display. The first box contains the text "SUCCESS". An arrow points from this box to a second box containing the text "EXIT SETUP".

Now when you press M2 once, the cable converter and TV will turn on, the TV will tune to channel 03, and then the cable converter will tune to channel 11.

Clearing A Macro

1. Perform steps 1 through 4 of the earlier section, *Programming A Favorite Channel* on page 34. However, this time in step 4, select a macro key you want to be cleared (e.g., M1 ~ M3).
2.  Press and hold SELECT to clear the macro key. You will see the display change to [SEL TO END]. This message acts as a reminder to use SELECT to end the sequence (see next step).


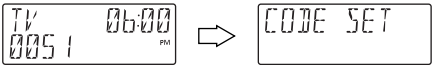
A diagram showing two rectangular boxes representing a display. The first box contains the text "ENTER SEQ". An arrow points from this box to a second box containing the text "SEL TO END".

3.  Continue pressing SELECT until you see [SUCCESS] appear in the display, followed by [EXIT SETUP]. The URC-9910 remote control will automatically exit the programming mode and return to normal operation.

A diagram showing two rectangular boxes representing a display. The first box contains the text "SUCCESS". An arrow points from this box to a second box containing the text "EXIT SETUP".


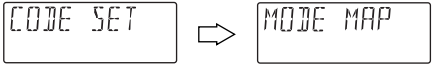
RE-ASSIGNING DEVICE KEYS


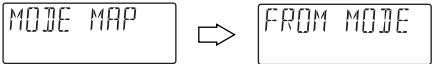

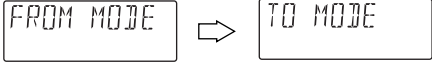

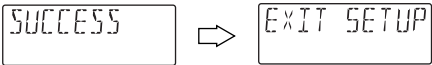
The URC-9910 remote control can control a second TV, VCR, DVD player, or other device by using the *Mode Map* feature. For example, to control a TV, a cable converter, and two VCRs, you will need to re-assign the unused AUX key to operate the second VCR as follows:

-  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].


NOTE: The device, its code, and time are examples. Your remote control settings may be different.

NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.

NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.
- 
(x 7) Press the ▼ key seven times until you see the display change to [MODE MAP].


NOTE: If you go past [MODE MAP], press the ▲ key one or more times to return to it.
-  Press SELECT once to begin programming. You will see the display change to [FROM MODE].

-  Select a mode to be copied (e.g., VCR) and press it once. You will see the display change to [TO MODE].

-  Select a mode to be re-assigned (e.g., AUX) and press it once. You will see the display change to [SUCCESS], followed by [EXIT SETUP]. The URC-9910 remote control will automatically exit the programming mode and return to normal operation.

- The AUX key is now ready to be programmed as your second VCR. (See *Setting Up Your Components* on page 10.)

continued on next page...

RE-ASSIGNING DEVICE KEYS (continued)

To re-assign other device keys to the AUX key, repeat steps 1 through 6 on the previous page but substitute the key sequence from the below chart:

To Re-Assign Device Key	Perform Sequence
AUX as 2nd TV key:	SET*- ▼ (x 7) - SELECT - TV - AUX
AUX as 2nd DVD key:	SET*- ▼ (x 7) - SELECT - DVD - AUX
AUX as 2nd SAT key:	SET*- ▼ (x 7) - SELECT - SAT - AUX
AUX as 2nd CD key:	SET*- ▼ (x 7) - SELECT - CD - AUX
AUX as 2nd CBL key:	SET*- ▼ (x 7) - SELECT - CBL - AUX
AUX as 2nd RCVR/AMP key:	SET*- ▼ (x 7) - SELECT - RCVR/AMP - AUX

**NOTE: Press and hold SET (see step 1 on previous page).*

You can also re-assign another unused device key by substituting an open key for the AUX key in the above chart and performing the sequence. For example, to re-assign an unused SAT key as a second CD key, perform SET*- ▼ (x 7) - SELECT - CD - SAT.


USING KEYMOVER

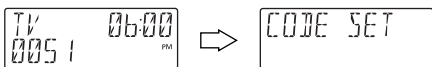
The URC-9910 remote control includes a *Keymover* feature that allows you to map (or copy) keys from one mode (i.e., source mode) to another mode (i.e., destination mode).

NOTE: The following keys cannot be used as a source or destination: TV, VCR, DVD, AUX, SAT, CBL, RCVR/AMP, CD, HOME THEATER, and SET.

Programming Keymover

For example, if your VCR does not have volume control, try mapping the volume and mute keys from TV mode to VCR mode as follows:


1.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].



NOTE: The device, its code, and time are examples. Your remote control settings may be different.


NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.

NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.

2.  Press the ▼ key eight times until you see the display change to [KEYMOVER].
(x 8)

CODE SET → KEYMOVER


NOTE: If you go past [KEYMOVER], press the ▲ key one or more times to return to it.

3.  Press SELECT once to begin programming. You will see the display change to [FROM MODE].

KEYMOVER → FROM MODE

4.  Select a source mode (e.g., TV) and press it once. You will see the display change to [FROM KEY].


FROM MODE → FROM KEY

5.  Select a source key (e.g., VOL+) and press it once. You will see the display change to [TO MODE].

FROM KEY → TO MODE

6.  Select a destination mode (e.g., VCR) and press it once. You will see the display change to [TO KEY].

TO MODE → TO KEY

7.  Select a destination key (e.g., VOL+) and press it once. You will see the display change to [SUCCESS], followed by [EXIT SETUP]. The URC-9910 remote control will automatically exit the programming mode and return to normal operation.


SUCCESS → EXIT SETUP

8. Repeat steps 1 through 7 twice more, substituting VOL- and MUTE as source and destination keys in steps 5 and 7.

Upon completion of the above procedure, you can now use your URC-9910 remote control to control the TV's volume and mute in the VCR mode, as well as in the TV mode.

Restoring Keymoved Keys to Default Settings

Restoring A Single Keymoved Key

1.  Perform steps 1 through 7 of the previous section, *Programming Keymover* on the previous page. However, this time in step 6, make the destination mode the same as the source mode (e.g., TV). You will see the display change to [CLR KMVR].


TO KEY → CLR KMVR

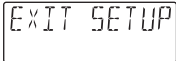
continued on next page...

USING KEYMOVER


Restoring Keymoved Keys to Default Settings

Restoring A Single Keymoved Key (continued)


2.  Press SELECT once to clear the keymoved key. You will see [DELETED] appear in the display, followed by [EXIT SETUP]. The URC-9910 remote control will automatically exit the programming mode and return to normal operation.


 → 

Restoring All Keymoved Keys In A Single Mode

1.  Perform steps 1 through 4 of the earlier section, *Programming Keymover* on page 38. However, this time in steps 3 and 4, make the source mode and source key the same mode (e.g., TV). You will see the display change to [CLR KMVR].




 → 

2.  Press SELECT once to clear all keymoved keys from this mode. You will see [DELETED] appear in the display, followed by [EXIT SETUP]. The remote control will automatically exit the programming mode and return to normal operation.

 → 

USING CHANNEL SCAN


In the TV, VCR, DVD, SAT, and CBL modes, use the FAV key to start a 3-second scan of all favorite channels (if programmed – see *Programming Favorite Channel Scan* below) and/or all channels for the selected mode.

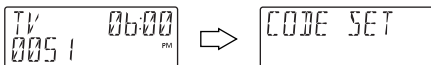
1. If *Favorite Channel Scan* has been set up, skip to step 2. Otherwise, on the URC-9910 remote control press TV, VCR, DVD, SAT, or CBL once.
2.  Press FAV once.
 - If *Favorite Channel Scan* has been set up, scanning of favorite channels will start and, upon completion, continue to scan all channels upward for the same device.
 - If *Favorite Channel Scan* has not been set up, scanning will start with the current channel, then proceed to the next channel up, and continue until all channels of the selected device is scanned. You will see the LED (red light) and IR transmission icon () blink each time a channel is scanned.
3. To stop scanning channels at any time, press any key once (except the backlight key ).

PROGRAMMING FAVORITE CHANNEL SCAN

In the TV, VCR, DVD, SAT, or CBL mode, you can store a list of up to 10 favorite channels, in any order, that will be immediately scanned when FAV is pressed (see *Using Channel Scan* above).

NOTE: Only channels of one mode can be stored for Favorite Channel Scan.

1.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].



NOTE: The device, its code, and time are examples. Your remote control settings may be different.

NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.

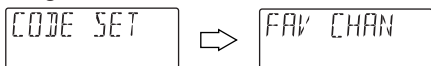
NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.


continued on next page...


PROGRAMMING FAVORITE CHANNEL SCAN (continued)

2.  Press the  key four times until you see the display change to [FAV CHAN].



(x 4)

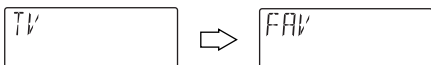


NOTE: If you go past [FAV CHAN], press the  key one or more times to return to it.

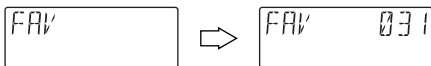
3.  Press SELECT once to begin programming. You will see the display change to the last-selected device (e.g., [VCR]).



4.  Select a mode (e.g., TV) for favorite channel scanning and press it once. Then press  once. You will see the display change to [FAV].



5.  Use the keypad to enter a favorite channel number (e.g., 031). The display will show your entry.



NOTE: If the original remote control required pressing an Enter key to change the channel, also press the ENTER key after the channel number (e.g., 0-3-1-ENTER). However, the display will not show the ENTER key.


NOTE: If you made a mistake during entry, press any number key one or more times until you see the display clear out. Then try entering the correct numbers again.

 Press SELECT once. You will see the display clear out, ready for your next entry.



6. If desired, repeat step 5 for each favorite channel to be stored, up to a total of 10 channels.

NOTE: Once the tenth channel is entered, the remote control will automatically exit programming.

7.  (Optional) To exit programming, press and hold SELECT until you see [SUCCESS] appear in the display, followed by [EXIT SETUP]. The URC-9910 remote control will automatically exit the programming mode and return to normal operation.



USING THE HOME THEATER MODE

The URC-9910 remote control includes a custom *Home Theater* mode. After the HOME THEATER key is programmed, it will allow you to access five groups of remote control keys without having to change device modes. However, there are some considerations.

- *Keymoved* and *Learned* functions, as well *Macros* programmed onto keys other than the dedicated macro keys (M1 ~ M3), are affected by the *Home Theater* mode. If keys are moved (using *Keymover*) or learned onto (using *Learning*) and they are placed on keys not within the Control Groups, the keys will be ignored when pressed.
- A *Macro* on the POWER key (if applicable) will carry over to the *Home Theater* mode.

Control Organization

About Control Groups

For *Home Theater* programming, the URC-9910 remote control's keys are grouped by type of control into the following five control groups:

- (1) *Playback Controls*: PLAY, STOP, FWD, REW, F.FWD, F.REW, PAUSE and REC
- (2) *Audio Controls*: VOL+, VOL- and MUTE
- (3) *Channel Controls*: CH+, CH-, (Keypad) 0 ~ 9, ENTER, LAST, SLEEP, INFO and TV/VID
- (4) *Menu Controls*: MENU, GUIDE, Cursor Controls (▲, ▼, ◀, ▶), SELECT and EXIT
- (5) *PIP Controls*: PIP, MOVE and SWAP

About Device Groups

Moreover, the URC-9910 remote control's devices are grouped into the following five device groups:

- (1) *Playback Group*: VCR, DVD, CD, CBL, SAT and RCVR/AMP
- (2) *Audio Group*: TV, VCR, CBL, SAT, DVD, CD, RCVR/AMP and AUX
- (3) *Channel Group*: TV, VCR, CBL, SAT, DVD, CD, RCVR/AMP and AUX
- (4) *Menu Group*: TV, VCR, CBL, SAT and DVD
- (5) *PIP Group*: TV, VCR, CBL and SAT

continued on next page...

USING THE HOME THEATER MODE

Control Organization


About Device Groups (continued)

The default Device Group settings from the factory is:

- (1) *Playback Group:* VCR
- (2) *Audio Group:* TV
- (3) *Channel Group:* CBL
- (4) *Menu Group:* CBL
- (5) *PIP Group:* TV

Programming The Home Theater Mode

For example, let's assume you have a TV, a cable converter, and a VCR in your home theater system. You can set up the Home Theater mode so that selected controls are assigned to these devices as follows:

1.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].



NOTE: The device, its code, and time are examples. Your remote control settings may be different.

NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.


NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.

2.  Press the ▲ key three times until you see the display change to [THEATER].

(x 3)



NOTE: If you go past [THEATER], press the ▼ key one or more times to return to it.

3.  Press SELECT once to begin programming. You will see the display change to [PLAYBACK].



NOTE: The program will automatically step through each Control Group (from Playback to PIP) as you perform steps 3 through 7. However, you can use the ▲ or ▼ keys to navigate to a specific group to make further changes.

SELECT

- a. Press **SELECT** once to enter *Playback Control Group* assignment. You will see the display change to the last-selected device (e.g., [TV]).



VCR

- b. Select a device for *Playback Control Group* assignment. For this example, press **VCR** once. This will assign the entire group of *Playback Controls* (i.e., **PLAY**, **STOP**, **FF**, **REW**, **F.FWD**, **F.REW**, **PAUSE** and **REC**) to the VCR. You will see the display change to your device choice (e.g., [VCR]).



SELECT

- c. Press **SELECT** once to accept the assignment in step 3b. You will see the display change to the next *Control Group* assignment, [AUDIO]).



4. SELECT

- Press **SELECT** once to enter *Audio Control Group* assignment. You will see the display change to the last-selected device (e.g., [VCR]).



TV

- a. Select a device for *Audio Control Group* assignment. For this example, press **TV** once. This will assign the entire group of *Audio Controls* (i.e., **VOL+**, **VOL-**, and **MUTE**) to the TV. You will see the display change to your device choice (e.g., [TV]).



SELECT

- b. Press **SELECT** once to accept the assignment in step 4a. You will see the display change to the next *Control Group* assignment, [CHANNEL]).



5. SELECT

- Press **SELECT** once to enter *Channel Control Group* assignment. You will see the display change to the last-selected device (e.g., [TV]).



continued on next page...

USING THE HOME THEATER MODE

Programming The Home Theater Mode

5. (continued)

CBL

- a. Select a device for *Channel Control Group* assignment. For this example, press CBL once. This will assign the entire group of *Channel Controls* (i.e., CH+, CH-, (Keypad) 0 ~ 9, ENTER, LAST, SLEEP, INFO, and TV/VID) to the cable converter. You will see the display change to your device choice (e.g., [CBL]).



SELECT

- b. Press SELECT once to accept the assignment in step 5b. You will see the display change to the next *Control Group* assignment, [MENU].



6. SELECT

- Press SELECT once to enter *Menu Control Group* assignment. You will see the display change to the last-selected device (e.g., [CBL]).



CBL

- a. Select a device for *Menu Control Group* assignment. For this example, press CBL once. This will assign the entire group of *Menu Controls* (i.e., MENU, GUIDE, Cursor Controls (▲, ▼, ◀, ▶), SELECT, and EXIT) to the cable converter. You will see the display change to your device choice (e.g., [CBL]).



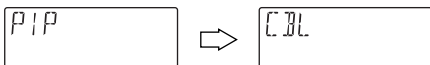
SELECT

- b. Press SELECT once to accept the assignment in step 6a. You will see the display change to the next *Control Group* assignment, [PIP].



7. SELECT

- Press SELECT once to enter *PIP Control Group* assignment. You will see the display change to the last-selected device (e.g., [CBL]).



TV

- a. Select a device for *PIP Control Group* assignment. For this example, press TV once. This will assign the entire group of *PIP Controls* (i.e., PIP, MOVE and SWAP) to the TV. You will see the display change to your device choice (e.g., [TV]).



SELECT

- b. Press **SELECT** once to accept the assignment in step 7a. You will see the display change to the first *Control Group* assignment, [PLAYBACK].



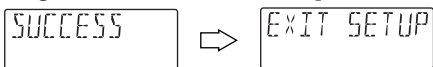
8. ▲

or ▼

At this point, all *Control Groups* have been assigned. To change an assignment, use the ▲ or ▼ keys to navigate to a specific group and make changes by repeating the appropriate step (3, 4, 5, 6, or 7).

SELECT

Otherwise, to exit programming, press and hold **SELECT** until you see [SUCCESS] appear in the display, followed by [EXIT SETUP]. The URC-9910 remote control will automatically exit the programming mode and return to normal operation.



Operating The Home Theater Mode

After programming the Home Theater mode (see the previous section), you simply activate it by pressing **HOME THEATER** once. Instantly, groups of URC-9910 remote control keys will be assigned to their programmed devices.

For the above example (in the previous section), pressing **HOME THEATER** once would assign the following keys to the VCR, TV, and cable converter:

VCR: PLAY, STOP, FF, REW, F.FWD, F.REW, PAUSE and REC

TV: VOL+, VOL-, MUTE, PIP, MOVE and SWAP

Cable Converter: CH+, CH-, (Keypad) 0 ~ 9, ENTER, LAST, SLEEP, INFO, TV/VID, MENU, GUIDE, Cursor Controls (▲, ▼, ◀, ▶), SELECT and EXIT

USING COMMERCIAL SKIP


The URC-9910 remote control includes a unique *Commercial Skip* feature, once programmed, that will allow you to skip viewing commercials by pressing the COM SKIP key. Then, as you change channels (to view another program without commercials), an internal timer will count down a preset time interval before returning the device to the original channel.

Programming Commercial Skip

For example, let's assume you are watching a national sports event on channel 2 that consistently breaks for one-minute commercials. Meanwhile, cable channel 26 is showing a favorite action movie without commercials. By performing the following steps, you can set *Commercial Skip* to automatically return the cable converter to the sports event after one minute of viewing the movie:

NOTE: Commercial Skip only works in the following modes: TV, VCR, DVD, CBL, and SAT.

1.  Select the device where channels will be changed (e.g., CBL).

2.  On the URC-9910 remote control, press and hold COM SKIP until you see the display change from the current device and time to [CHANNEL].



NOTE: The device, its code, and time are examples. Your remote control settings may be different.

NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.

NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.

3.  Use the keypad to enter a favorite channel number (e.g., 002). The display will show your entry.





NOTE: If the original remote control required pressing an Enter key to change the channel, also press the ENTER key after the channel number (e.g., 0-0-2-ENTER). However, the display will not show the ENTER key.


NOTE: If you made a mistake during entry, press EXIT once. You will see [EXIT SETUP] as the remote control returns to normal operation. Then try programming Commercial Skip again starting with step 1.

4.  Press SELECT once to accept your channel entry. You will see the display change to [30 SEC].



5.  If desired, press ▲ (or ▼) one or times to select a different time interval. Your choices are 30 (default), 60, 90, 120, 150, or 180 seconds. For this example, select 60 seconds.
- or 



6.  Press SELECT once to accept the 60-second setting. You will see [SUCCESS] appear in the display, followed by [EXIT SETUP]. The URC-9910 remote control will automatically exit the programming mode and return to normal operation.



Operating Commercial Skip

In our example, let's assume you are watching a national sports event on cable channel 2 and it looks like a commercial is about to appear. Immediately, press **COM SKIP** once and then enter channel 26 (e.g. 026).


The cable converter will switch to channel 26 and, after 1 minute, automatically return to channel 2. The next time a commercial appears, try pressing **COM SKIP** once, followed by **PREV** once to activate the same sequence.

For a more powerful *Commercial Skip* technique, try programming these steps into an open macro key (see *Using Macros* on page 34). This way you will be able to press one key to switch channels and return after a preset time.

RESTORING FACTORY DEFAULT SETTINGS

The URC-9910 remote control includes an *Operation Reset* program that you can use to restore the unit to factory default settings.

IMPORTANT: Executing this program will erase all custom settings, including Home Theater assignments, Macros, Learned Keys, Keymoved Keys, and all device assignments.

1.  On the URC-9910 remote control, press and hold SET until you see the display change from the current device and time to [CODE SET].



NOTE: The device, its code, and time are examples. Your remote control settings may be different.

NOTE: To exit programming at any time, press EXIT once or allow 30 seconds of inactivity to lapse. You will see [EXIT SETUP] as the remote control returns to normal operation.


NOTE: [INVALID] means you have inadvertently pressed an incorrect key. Note your error and continue programming.

2.  Press the ▲ key twice until you see the display change to [OPS RESET].

(x 2)



NOTE: If you go past [OPS RESET], press the ▼ key one or more times to return to it.

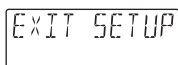
3.  Press SELECT once to begin programming. You will see the display change to [CLR SETUP].



4.  Press SELECT once to start the process. You will see the display change to [RESET RAM] as the active memory is cleared, followed by [RESET E2] as the preprogrammed memory is restored.



Then you will see [EXIT SETUP] as the URC-9910 remote control automatically exits the programming mode and returns to normal operation.



ABOUT UPGRADING

The URC-9910 remote control has the largest infrared code library available. However, if you purchase a brand new home entertainment or home automation device, it may not respond to the codes stored in the remote control's memory.

If this happens, please contact our Customer Support department (see *Troubleshooting Section* on page 55) to upgrade the URC-9910 remote control. The Customer Support representative will search our entire database for a code that matches your device and instruct you how to enter it into your URC-9910 remote control.

If the code for your home entertainment or home automation device is not in our database, we will need to “capture” the code for that device from its original remote control. A new code would then be created and entered into your URC-9910 remote control. If necessary, the Customer Support representative can instruct you how to begin the capture procedure.

NOTE: One For All reserves the right to replace a returned remote control with a new one of equal or superior functionality.

Upgrade Exclusions

- Home entertainment or home automation devices controlled by radio frequency (RF/UHF), wired, or ultrasonic remote controls. Only devices controlled by infrared remote controls are covered.
- Home entertainment or home automation devices not controlled by remote controls.
- Broken or defective product.
- Products that operate over 100 kHz.
- Infrared keyboards and infrared pointing devices (such as mouse substitutes).
- All products for sale and/or use outside the continental United States, Hawaii, Alaska, or Canada.

USING THE IR/RF COMMAND CENTER

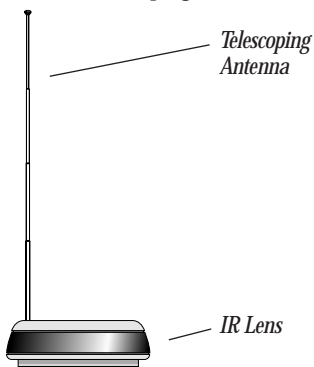
The One For All IR/RF LCD 8-Device With Learning Universal Remote Control (URC-9910) comes with an *IR/RF Command Center* which receives radio-frequency (RF) signals from the URC-9910 remote control, anywhere in your home, up to 100 feet away. Once it is set up, the *IR/RF Command Center* will convert the RF signals into Infrared (IR) signals to control your home theater devices.



NOTE: The URC-9910 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. If you choose to do so, during testing do not aim the URC-9910 remote control at your home entertainment devices to verify that RF transmission is working.

NOTE: The RF signal transmitted by the URC-9910 remote control, only works with the IR/RF Command Center.

Setting Up The IR/RF Command Center

1. Find a location approximately 8 feet in front of your home theater devices. 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 URC-9910 remote control into another room in your home, up to 100 feet away. Select a device key (e.g., TV) and press it once. Then press  once. The device (e.g., TV) should turn on.

If it does not turn on, review the steps 1 through 3 and make any adjustments. Try step 4 again. If you continue to have a problem, perhaps there is an IR line-of sight problem. Try adding the enclosed *IR Signal Extension Cord* (see next page). Also review the tips in *Optimizing IR/RF Command Center Reception* on page 54.

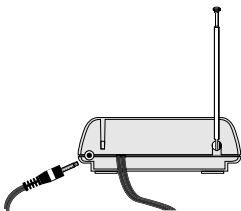
Adding The IR Signal Extension Cord

Included with the URC-9910 remote control package 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*.

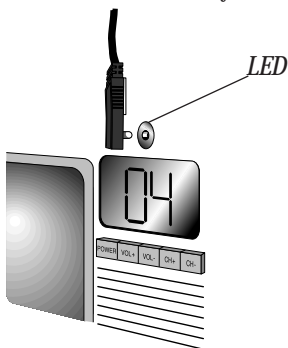




If you are having problems remotely controlling a home theater device from another room, try performing the following installation:

1. Plug the 4-foot *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 URC-9910 remote control into another room in your home, up to 100 feet* away. Select a device key (e.g., TV) and press it once. Then press  once.

The *IR/RF Command Center* will convert the RF signal from the URC-9910 remote control 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 re-attach the *LED*.

*Distance may vary

USING THE RF/IR COMMAND CENTER (continued)

Optimizing IR/RF Command Center Reception

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

- Aim the URC-9910 remote control 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 absorb RF signals.
- Make sure the batteries in the URC-9910 remote control are fully charged. Try replacing them if you are not sure (see *Installing Batteries* on page 4). Weak batteries will affect the single range.
- Make sure that the URC-9910 remote control is not being affected by other RF transmissions (e.g., garage door openers, cordless telephones, etc.).

NOTE: The tests for range limits of the URC-9910 remote control and the IR/RF Command Center were conducted in open-air distance tests. Actual signal distance will be based on the construction of the building the unit is being used in, as well as other factors, such as outside interference.



SPECIFICATIONS

Remote Control Power	4 AAA Batteries
IR/RF Console Power	120 Vac
Remote Control to IR/RF Console Range	up to 100 Feet (30.48 m)*
IR/RF Command Console to Device Range	25 Feet (7.62 m) ± 30°
Remote Control Dimensions	
(H x W x D)	9-2/16 x 2-10/16 x 2-3/16 in.
(H x W x D)	232 x 65 x 31 mm
IR/RF Command Console Dimensions	
(H x W x D)	1-9/16 x 5-1/16 x 4 in
(H x W x D)	39.7 x 128.6 x 101.6 mm
Remote Control Weight (without Batteries)	8 oz (220 g)
IR/RF Command Console Weight	10.4 oz (300 g)

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

*Distance may vary

TROUBLESHOOTING

- PROBLEM:** LCD (Liquid Crystal Display) begins to fade, does not appear, or the LOW BATTERY () icon appears.
- SOLUTION:** Replace the batteries with four (4) new AAA alkaline batteries (see page 4).
-
- PROBLEM:** LED (red light) and IR () icon blinks when you press a key, but home entertainment device does not respond.
- SOLUTION:** Be sure to select the correct device key for the device you want to control. Also, aim the URC-9910 remote control at the device not farther than 15 feet away (if not using the *IR/RF Command Center*). Or try installing the *IR/RF Command Center* for greater range (see page 52).
-
- PROBLEM:** The URC-9910 remote control does not control home entertainment devices or commands do not work properly.
- SOLUTION:** Try all listed codes for the device brands being set up. Make sure they originally 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:** The URC-9910 remote control does not turn on Sony or Sharp TV/VCR Combo.
- SOLUTION:** For Power On, these products require programming TV codes. For Sony, use TV code 0000 and VCR code 0032. For Sharp, use TV code 0093 and VCR code 0048.
-
- PROBLEM:** Changing channels does not work properly.
- SOLUTION:** If original remote control required pressing ENTER to change channels, press ENTER on the URC-9910 remote control after entering the channel number.
-
- PROBLEM:** During learning, the display shows an [ERROR] message after pressing and holding a key to be learned.
- SOLUTION:** A bad capture has occurred. Avoid high-ambient light sources, such as direct daylight and fluorescent bulbs. Also, try readjusting positions of remote controls before performing the procedure again. Make sure the key(s) on the original remote control is (are) operating correctly.
-
- PROBLEM:** CH+ and CH- do not work for your RCA TV.
- SOLUTION:** Due to RCA design (1983-1987), only the original remote control will operate these functions.
-
- PROBLEM:** No remote control of volume.
- SOLUTION:** See *Using Volume Lock* on page 32 to lock/unlock the volume controls.
-
- PROBLEM:** Tried *Search For Your Code* method and still could not find a working code.
- SOLUTION:** Your device may be newer than the URC-9910 remote control. (See *About Upgrading* on page 51.)
-

continued on next page...

TROUBLESHOOTING (continued)

PROBLEM: The URC-9910 remote control turns on audio devices and controls volume, but does not change preset channels.

SOLUTION: Some products may need both a Tuner/Receiver code and an Audio Amplifier code for remote control of all features on your audio device.

PROBLEM: Your satellite (DSS) receiver does not respond to the codes listed on page 22.

SOLUTION: Make sure the satellite (DSS) receiver can be operated with an Infrared (IR) remote control and is not set up to receive only Radio Frequency (RF) signals.

SOLUTION: Please contact us in any of the following ways:

- Please visit : www.oneforall.com
 - If the above website is not able to provide you with the information you need, please email us at ofasupport@ueic.com
 - Customer Support : (330) 405-8616
-

ERROR MESSAGES

INVALID

A wrong key sequence or incorrect data has been entered. Try entry again.

been entered. Try entry again.

NOT FOUND

Requested manufacturer's code has not been found in the remote control's database. Try another code.

MAX-15

Macro sequence being entered has reached the maximum limit of 15 keystrokes. Try entry again with fewer keystrokes.

END CYCLE

A complete cycle of code search in the URC-9910 remote control's database has been reached. Try another code search or contact *Customer Support* (see *Troubleshooting Section* on page 55).

ERROR

An error has occurred during a learning or programming sequence. Try entry again.

BAD E2

Indicates a check result of E2 status is either bad or is not present. Contact *Customer Support* (see *Troubleshooting Section* on page 55).

MEM FULL

Indicates data captured during learning has filled the URC-9910 remote control's memory. Try deleting older learned keys to free up memory space (see page 31).

MEM FAULT

Indicates data captured during learning has caused a error in the URC-9910 remote control's memory. Try learning again.

COMPLIANCE WITH FCC, IC 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 and correct the interference by one or more of the following measures:

- Reorient or relocate the receiver antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet that is different from that to 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 his 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 #: DI29910

IR/RF LCD 8-Device With Learning: URC-9910

Command Center:  Tested To Comply
With FCC Standards

IC Authorization Label

IC:1700-IMPKH9P

The term "IC: 1700-IMPKH9P" before the certification/registration number only signifies that the Industry Canada technical specifications were met."

KEY INDEX

Audio Amplifier Functions



Press **RCVR/AMP** once to control your audio amplifier.



Press **POWER** once to turn on or off the selected device (e.g, **RCVR/AMP**).



Use **GUIDE** to display your audio amplifier's program guide or setup menu.



Use **INFO** to display the audio amplifier's program information.



Use **SELECT** to set the surround sound. Use ▲ (or ▼) to adjust the volume higher (or lower). Use ◀ (or ▶) to adjust the balance left (or right).



Use **VOL+** (or **VOL-**) to raise (or lower) the audio amplifier's audio volume.



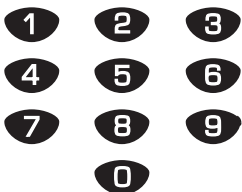
Press **MUTE** once to turn the audio amplifier's audio off or on.



Use **CH+** (or **CH-**) to select the audio amplifier's next higher (or lower) station (if applicable).



Use **PREV** to change the radio band (if applicable).



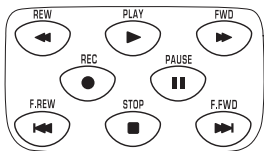
Use the keypad (1 ~ 9 and 0) to select audio sources (e.g., 1~ 10). If the original remote control required pressing an Enter key to change the audio source, also press the **ENTER** key after the source number (e.g., 9 - **ENTER**).



Press **ENTER** once after entering the source numbers on some audio amplifiers.



Use **TV/VID** to switch the audio amplifier between input and output.



Use the transport keys to control your CD player (if applicable).



Use **SLEEP** to activate your audio amplifier's sleep timer (not available for all devices).




After programming, press **M1 ~ M3** once to run a desired macro (see *Using Macros* on page 34).



After programming, press **L1 ~ L4** once to activate a learned function. (See *Using Learning* on page 29.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use **SET** for all programming sequences.

Audio Cassette Deck Functions



Press **AUX** once to control your audio cassette deck. (See *Re-assigning Device Keys* on page 37.)



Press **POWER** once to turn on or off the selected device (e.g. **AUX**).







Use **GUIDE** to display your audio cassette deck's program guide (if applicable).



Use **INFO** to display the audio cassette deck's program information.



Use the cursor keys (, , , or ) to move the cursor in the audio cassette deck's program guide and menu screens. Use **SELECT** to choose options from the menu or guide.



Use **VOL+** (or **VOL-**) to raise (or lower) the audio cassette deck's audio volume (if applicable).

continued on next page...

KEY INDEX

Audio Cassette Deck Functions (continued)



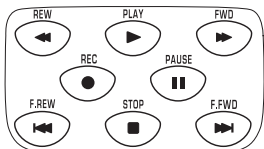
Press MUTE once to turn the audio cassette deck's audio off or on (if applicable).



Use the keypad (1 ~ 9 and 0) to directly select tracks. If the original remote control required pressing an Enter key to select a track, also press the ENTER key after the track number (e.g., 1-2 - ENTER).



Use TV/VID to switch the audio cassette deck between input and output.



Use the transport keys to control your audio cassette deck.




After programming, press M1 ~ M3 once to run a desired macro (see *Using Macros* on page 34).



After programming, press L1 ~ L4 once to activate a learned function. (See *Using Learning* on page 29.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use SET for all programming sequences.

Audio Receiver Functions



Press **RCVR/AMP** once to control your audio receiver.



Press **POWER** once to turn on or off the selected device (e.g. **RCVR/AMP**).



Use **GUIDE** to display your audio receiver's program guide or setup menu.



Use **INFO** to display the audio receiver's program information.



Use **SELECT** to set the surround sound. Use ▲ (or ▼) to adjust the volume higher (or lower). Use ◀ (or ▶) to adjust the balance left (or right).



Use **VOL+** (or **VOL-**) to raise (or lower) the audio receiver's audio volume.



Press **MUTE** once to turn the audio receiver's audio off or on.



Use **CH+** (or **CH-**) to select the audio receiver's next higher (or lower) station (if applicable).



Use **PREV** to change the radio band (if applicable).



Use the keypad (1 ~ 9 and 0) to select audio sources (e.g., 1 ~ 10). If the original remote control required pressing an Enter key to change the audio source, also press the **ENTER** key after the source number (e.g., 9 - **ENTER**).



Press **ENTER** once after entering the source numbers on some audio receivers.

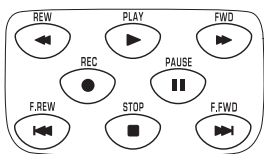


Use **TV/VID** to switch the audio receiver between input and output.

continued on next page...

KEY INDEX

Audio Receiver Functions (continued)



Use the transport keys to control your CD player (if applicable).



Use SLEEP to activate your audio receiver's sleep timer (not available for all devices).




After programming, press M1 ~ M3 once to run a desired macro (see *Using Macros* on page 34).



After programming, press L1 ~ L4 once to activate a learned function. (See *Using Learning* on page 29.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use SET for all programming sequences.

Audio Turntable Functions



37.)

Press AUX once to control your audio turntable. (See *Re-assigning Device Keys* on page



Press POWER once to turn on or off the selected device (e.g. AUX).



Use GUIDE to display your audio turntable's program guide (if applicable).



Use INFO to display the audio turntable's program information.



Use SELECT to select a disc. Use ▲ (or ▼) to select the next (or previous) LP. Use ► (or ◀) to select the next (or previous) track.



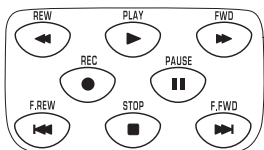
Use VOL+ (or VOL-) to raise (or lower) the audio turntable's audio volume (if applicable).



Press MUTE once to turn the audio turntable's audio off or on (if applicable).



Use the keypad (1 ~ 9 and 0) to directly select tracks. If the original remote control required pressing an Enter key to select a track, also press the ENTER key after the track number (e.g., 1-2 - ENTER).



Use the transport keys to control your audio turntable (if applicable).




After programming, press M1 ~ M3 once to run a desired macro (see *Using Macros* on page 34).



After programming, press L1 ~ L4 once to activate a learned function. (See *Using Learning* on page 29.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use SET for all programming sequences.

KEY INDEX (Continued)

Cable Converter Functions



Press CBL once to control your cable converter.



Press POWER once to turn on or off the selected device (e.g, SAT).



Press MENU once to display your cable converter's main menu.



Use GUIDE to display your cable converter's program guide or setup menu.



Use EXIT to exit from your cable converter's guide or menu.



Use INFO to display the cable converter's current channel and program information.



Use the cursor keys (▲, ▼, ◀ or ▶) to move the cursor in the cable converter's program guide and menu screens. Use SELECT to choose options from the menu or guide.



Use VOL+ (or VOL-) to raise (or lower) the cable converter's audio volume (if applicable).



Press MUTE once to turn the cable converter's audio off or on (if applicable).



Use FAV to scan favorite channels and/or all channels. (See *Using Channel Scan* and *Programming Favorite Channel Scan* on page 41.)



Use CH+ (or CH-) to select the cable converter's next higher (or lower) channel.



Press PREV once to recall the last-viewed channel and to page back one screen on the cable converter's main menu.



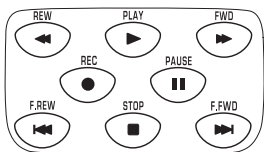
Use the keypad (1 ~ 9 and 0) to directly select channels (e.g., 009 or 031). If the original remote control required pressing an Enter key to change the channel, also press the ENTER key after the channel number (e.g., 0-3-1-ENTER).



Press **ENTER** once after entering the channel numbers on some TVs.



Use **TV/VID** to switch the TV's input to view TV or cable programs.



Use the transport keys to control your cable converter's VOD service (if applicable).



Use **SLEEP** to activate your cable converter's sleep timer (not available for all devices).



After programming, press **M1 ~ M3** once to run a desired macro (see *Using Macros* on page 34).



After programming, press **L1 ~ L4** once to activate a learned function. (See *Using Learning* on page 29.)



Use **PIP** to switch the Picture-In-Picture feature on or off (if available on your TV).



Use **MOVE** to move the window picture to different positions in the main picture.




Use **SWAP** to switch images and sound between the main and window pictures.



After programming, use **COM SKIP** to skip commercials on your cable converter. (See *Using Commercial Skip* on page 48.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use **SET** for all programming sequences.

KEY INDEX (continued)

CD Player Functions



Press CD once to control your CD player.



Press POWER once to turn on or off the selected device (e.g, CD).



Use GUIDE to display your CD player's program guide.



Use INFO to display the CD player's current channel and program information.



Use SELECT to select a compact disc. Use ▲ (or ▼) to select the next (or previous) CD. Use ► (or ◀) to select the next (or previous) track.



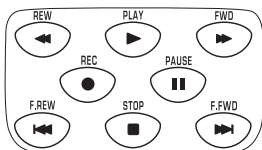
Use VOL+ (or VOL-) to raise (or lower) the CD player's audio volume (if applicable).



Press MUTE once to turn the CD player's audio off or on (if applicable).



Use the keypad (1 ~ 9 and 0) to directly select tracks. If the original remote control required pressing an Enter key to select a track, also press the ENTER key after the track number (e.g., 1-2 -ENTER).



Use the transport keys to control your CD player.




After programming, press M1 ~ M3 once to run a desired macro (see *Using Macros* on page 34).



After programming, press L1 ~ L4 once to activate a learned function. (See *Using Learning* on page 29.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use SET for all programming sequences.

DVD Player Functions



Press DVD once to control your DVD player.



Press POWER once to turn on or off the selected device (e.g. DVD).



Press MENU once to display your DVD player's main menu.



Use GUIDE to display your DVD player's program guide.







Use EXIT to exit from your DVD player's guide or menu.



Use INFO to display the DVD player's current channel and program information.



Use the cursor keys (, ,  or ) to move the cursor in the DVD player's program guide and menu screens. Use SELECT to choose options from the menu or guide.



Use VOL+ (or VOL-) to raise (or lower) the DVD player's audio volume (if applicable).



Press MUTE once to turn the DVD player's audio off or on (if applicable).



Use FAV to scan favorite channels and/or all channels. (See *Using Channel Scan* and *Programming Favorite Channel Scan* on page 41.)



Use the keypad (1 ~ 9 and 0) to directly select chapters (e.g., 09 or 31). If the original remote control required pressing an Enter key to select a chapter, also press the ENTER key after the chapter number (e.g., 3-1-ENTER).

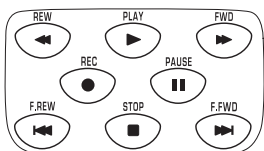
continued on next page...

KEY INDEX

DVD Player Functions (continued)



Use TV/VID to switch the TV's input to view TV or DVD programs.



Use the transport keys to control your DVD player.




After programming, press M1 ~ M3 once to run a desired macro (see *Using Macros* on page 34).



After programming, press L1 ~ L4 once to activate a learned function. (See *Using Learning* on page 29.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use SET for all programming sequences.

Home Automation Functions



Press AUX once to control home automation.
(See *Re-assigning Device Keys* on page 37.)



Press POWER once to turn on home automation.



Use VOL+ (or VOL-) to brighten (or dim) the lights controlled by home automation.



Press MUTE once to turn off home automation.



Use CH+ (or CH-) to turn home automation on (or off).




After programming, press M1 ~ M3 once to run a desired macro (see *Using Macros* on page 34).



After programming, press L1 ~ L4 once to activate a learned function.
(See *Using Learning* on page 29.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use SET for all programming sequences.

KEY INDEX

LD (Laser Disc) Player Functions



Press **AUX** once to control home automation. (See *Re-assigning Device Keys* on page 37.)



Press **POWER** once to turn on or off the selected device (e.g, **AUX**).



Press **MENU** once to display your LD player's main menu.



Use **GUIDE** to display your LD player's program guide.



Use **EXIT** to exit from your LD player's guide or menu.



Use **INFO** to display the LD player's current channel and program information.



Use the cursor keys (**▲**, **▼**, **◀** or **▶**) to move the cursor in the LD player's program guide and menu screens. Use **SELECT** to choose options from the menu or guide.



Use **VOL+** (or **VOL-**) to raise (or lower) the LD player's audio volume (if applicable).



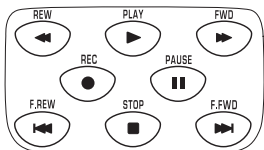
Press **MUTE** once to turn the LD player's audio off or on (if applicable).



Use the keypad (1 ~ 9 and 0) to directly select chapters (e.g., 09 or 31). If the original remote control required pressing an Enter key to select a chapter, also press the **ENTER** key after the chapter number (e.g., 3-1-**ENTER**).



Use **TV/VID** to switch the TV's input to view TV or LD programs.



Use the transport keys to control your LD player.




After programming, press M1 ~ M3 once to run a desired macro (see *Using Macros* on page 34).



After programming, press L1 ~ L4 once to activate a learned function. (See *Using Learning* on page 29.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use SET for all programming sequences.

Satellite Receiver Functions



Press SAT once to control your satellite receiver.



Press POWER once to turn on or off the selected device (e.g. SAT).



Press MENU once to display your satellite receiver's main menu.



Use GUIDE to display your satellite receiver's program guide or setup menu.





Use EXIT to exit from your satellite receiver's guide or menu.



Use INFO to display the satellite receiver's current channel and program information.



Use the cursor keys (, , , or ) to move the cursor in the satellite receiver's program guide and menu screens. Use SELECT to choose options from the menu or guide.



Use VOL+ (or VOL-) to raise (or lower) the satellite receiver's audio volume (if applicable).



Press MUTE once to turn the satellite receiver's audio off or on (if applicable).



Use FAV to scan favorite channels and/or all channels. (See *Using Channel Scan* and *Programming Favorite Channel Scan* on page 41.)

continued on next page...

KEY INDEX

Satellite Receiver Functions (continued)



Use CH+ (or CH-) to select the satellite receiver's next higher (or lower) channel.



Press PREV once to recall the last-viewed channel and to page back one screen on the satellite receiver's main menu.



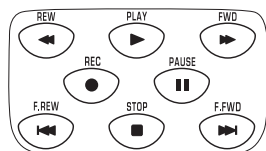
Use the keypad (1 ~ 9 and 0) to directly select channels (e.g., 009 or 031). If the original remote control required pressing an Enter key to change the channel, also press the ENTER key after the channel number (e.g., 0-3-1-ENTER).



Press ENTER once after entering the channel numbers on some TVs.



Use TV/VID to switch the TV's input to view TV or satellite programs.



Use the transport keys to control your satellite receiver's PVR or VOD service (if applicable).



Use SLEEP to activate your satellite receiver's sleep timer (not available for all devices).



After programming, press M1 ~ M3 once to run a desired macro (see *Using Macros* on page 34).



After programming, press L1 ~ L4 once to activate a learned function. (See *Using Learning* on page 29.)



Use PIP to switch the Picture-In-Picture feature on or off (if available on your TV).



Use MOVE to move the window picture to different positions in the main picture.




Use SWAP to switch images and sound between the main and window pictures.



After programming, use **COM SKIP** to skip commercials on your satellite receiver. (See *Using Commercial Skip* on page 48.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use **SET** for all programming sequences.

TV Functions



Press **TV** once to control your television.



Press **POWER** once to turn on or off the selected device (e.g, TV).



Press **MENU** once to display your TV's main menu.



Use **GUIDE** to display your TV's program guide or setup menu.







Use **EXIT** to exit from your TV's guide or menu.



Use **INFO** to display the TV's current channel and program information.



Use the cursor keys (, ,  or ) to move the cursor in the TV's program guide and menu screens. Use **SELECT** to choose options from the menu or guide.



Use **VOL+** (or **VOL-**) to raise (or lower) the TV's audio volume.



Press **MUTE** once to turn the TV audio off or on.



Use **FAV** to scan favorite channels and/or all channels. (See *Using Channel Scan* and *Programming Favorite Channel Scan* on page 41.)

continued on next page...

KEY INDEX

TV Functions (continued)



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



Press PREV once to recall the last-viewed channel and to page back one screen on the TV's main menu.



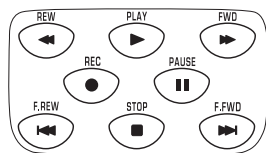
Use the keypad (1 ~ 9 and 0) to directly select channels (e.g., 009 or 031). If the original remote control required pressing an Enter key to change the channel, also press the ENTER key after the channel number (e.g., 0-3-1-ENTER).



Press ENTER once after entering the channel numbers on some TVs.



Use TV/VID to switch the TV's input to view TV or video programs.



Use the transport keys to control your VCR.

To record a VCR program, press REC twice.



Use SLEEP to activate your TV's sleep timer (not available for all devices).



After programming, press M1 ~ M3 once to run a desired macro (see *Using Macros* on page 34).



After programming, press L1 ~ L4 once to activate a learned function. (See *Using Learning* on page 29.)



Use PIP to switch the Picture-In-Picture feature on or off (if available on your TV).



Use MOVE to move the window picture to different positions in the main picture.




Use SWAP to switch images and sound between the main and window pictures.



After programming, use **COM SKIP** to skip commercials on your TV. (See *Using Commercial Skip* on page 48.)



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use **SET** for all programming sequences.

VCR Functions



Press **VCR** once to control your VCR.



Press **POWER** once to turn on or off the selected device (e.g. VCR).



Press **MENU** once to display your VCR's main menu.







Use **GUIDE** to display your VCR/PVR's program guide or setup menu (if applicable).



Use **EXIT** to exit from your VCR's guide or menu.



Use the cursor keys (, ,  or ) to move the cursor in the VCR's program guide and menu screens. Use **SELECT** to choose options from the menu or guide.



Use **VOL+** (or **VOL-**) to raise (or lower) the VCR's audio volume (if applicable).



Press **MUTE** once to turn the VCR audio off or on (if applicable).



Use **FAV** to scan favorite channels and/or all channels. (See *Using Channel Scan* and *Programming Favorite Channel Scan* on page 41.)



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

continued on next page...

KEY INDEX

VCR Functions (continued)



Press **PREV** once to recall the last-viewed channel and to page back one screen on the VCR's main menu.



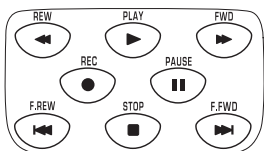
Use the keypad (1 ~ 9 and 0) to directly select channels (e.g., 009 or 031). If the original remote control required pressing an Enter key to change the channel, also press the **ENTER** key after the channel number (e.g., 0-3-1-**ENTER**).



Press **ENTER** once after entering the channel numbers on some VCRs.



Use **TV/VID** to switch the TV's input to view TV or VCR programs.



Use the transport keys to control your VCR.

To record a VCR program, press **REC** twice.



Use **SLEEP** to activate your VCR's sleep timer (not available for all devices).



After programming, press **M1 ~ M3** once to run a desired macro (see *Using Macros* on page 34).



After programming, press **L1 ~ L4** once to activate a learned function. (See *Using Learning* on page 29.)



Use **PIP** to switch the Picture-In-Picture feature on or off (if available on your TV).




Use **MOVE** to move the window picture to different positions in the main picture.



Use **SWAP** to switch images and sound between the main and window pictures.



Use  to turn on or off the key backlight. When this feature is activated, keys will remain backlit for 5 seconds after the last key press. In the setup mode, backlighting will remain on for 30 seconds.



Use SET for all programming sequences.

LIMITED WARRANTY

One For All® warrants, to the original purchaser only, that this product will be free from defects in materials and workmanship, under normal use, for ninety (90) days from the date of original purchase.

This limited warranty is valid only on ONE FOR ALL® product purchased and used in the United States of America or Canada, and does not apply to products used for industrial or commercial purpose.

The limited warranty does not cover damage or failure caused by products or services not supplied by ONE FOR ALL®, or which result from accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, set-up adjustment, improper maintenance, alteration, maladjustment of consumer controls, modifications, commercial use, or that is attributable to acts of God.

There are no express warranties except as listed above. ONE FOR ALL® SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

To obtain warranty service for a defective product during the warranty period, please return the product, preferably in the original carton, along with your purchase receipt, to the store of original purchase. A note detailing the complaint would be helpful. The store, at its option, will replace or repair this product if found to be defective.

One For All: 330-405-8655 (for Warranty only)

ADDITIONAL INFORMATION

As you update your home entertainment system, One For All® has a universal remote control that will fit your needs. Look for these exciting products at a retailer near you.

One For All 3 Device (BIG KEYS)	URC-3300
One For All Access 3.....	URC-3605
One For All Video Expert 4 Device	URC-4081
One For All Video Expert Plus 4L Upgradeable Remote Control with Learning	URC-4880
One For All 4 Device (BIG KEYS)	URC-4330
One For All Access 4.....	URC-4605
One For All Access 5.....	URC-5705
One For All 6 Home Theater.....	URC-6011
One For All 8 Home Theater.....	URC-8011
One For All 8L Home Theater with Learning	URC-8811
One For All A/V Producer 8 Device Learner	URC-8910
One For All IR/RF Home Producer 8 Device Learner ...	URC-9910

ONE FOR ALL® is the registered trademark of Universal Electronics Inc. Computime International Ltd. is the Licensee of the ONE FOR ALL® brand for USA and Canada.

Copyright 2002 by Universal Electronics Inc. No part of this publication may be reproduced, transmitted, transcribed, stored in any retrieval system, or translated to any language, in any form or by any means, electronic, mechanical, magnetic, optical, manual, or otherwise, without the prior written permission of Universal Electronics Inc.

The One For All IR/RF LCD 8-Device With Learning Universal Remote Control (URC-9910) is compatible for use in North America, excluding Mexico.

URC-9910B00	06/03
-------------------	-------

