

R7

R 7

Owner's Manual

ENTERTAINMENT MADE SIMPLE.™

Congratulations!

Congratulations on purchasing Universal Remote Control's R7™ Pre-Programmed and Learning remote control! You now have the power to control your entire home entertainment system with one easy-to-use remote. The R7 can be used with thousands of audio/video components because of the extensive library of codes that are pre-programmed into the remote. So... get ready to sit back, relax, and simplify your home entertainment experience.

The Quick Setup DVD Program Guide supplied with the R7 will assist you in programming your remote by guiding you through an easy step-by-step process. We suggest that you watch the DVD first to familiarize yourself with the capabilities of the R7 and the entire setup process. This Instruction Manual is designed as a companion reference source to the DVD Guide, should you need to refer back to a particular section, or review certain instruction detail not covered in the DVD. However, if you are unable to watch the DVD Guide for some reason, everything you need to know about programming the R7 is contained in this Manual.

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The R7 Remote Control

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The R7 Remote Control

Getting Started

Control up to 7 Components

The R7 is designed to control up to seven different Audio/Video components and is pre-programmed to operate virtually all brands of Audio, TV, DVD, CD, VCR, Cable and Satellite components.

One Press Activates All Component Buttons

Once you have programmed R7 for all of your components, all you have to do is simply press a component button and all the buttons on the R7 will work with the component you just pressed. As an example, if you pressed the TV component button, all the buttons on R7 will work your TV. If you press the DVD component button, all the buttons on R7 will work your DVD.



The AUX Function

Please note that the AUX (Auxiliary) button is designed to operate any additional component you may have in your system... such as a TIVO, DVR or second VCR.

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Special Features

In addition, the R7 also offers the following special features that can offer you time-saving conveniences:

SimpleSound™

SimpleSound Volume Control is a dynamic feature that gives you total volume control over all the components in your system, even those that do not have their own built-in volume control, such as TIVO, DVD and VCR... saving you the hassle and inconvenience of constantly needing to switch between component modes on the remote. As an example, in order to increase the volume while watching a DVD, you would typically have to pick up the TV remote control to increase the volume. With the R7, you do not even have to press the TV component button. Once you program SimpleSound in your DVD mode, you will automatically have TV volume in DVD mode.

MacroPower™

This is a unique feature that enables you to turn all your components ON or OFF, all at the same time, simply with the press of one button.

Learning Capability

The R7 also has a Learning Capability that enables it to actually 'learn' functions from other remotes. This way, you can easily save all your favorite functions from your old remotes if you want to.

These special features will be discussed in greater detail later on in the Manual.

The R7 Remote Control

LED Lights

To assist you in programming the R7 for your components, there is an LED light under each one of the 7 component buttons located at the top of the remote. The LED light glows red when you are programming a particular component. This is a simple signal that lets you know you are in the correct programming mode.

Battery Installation

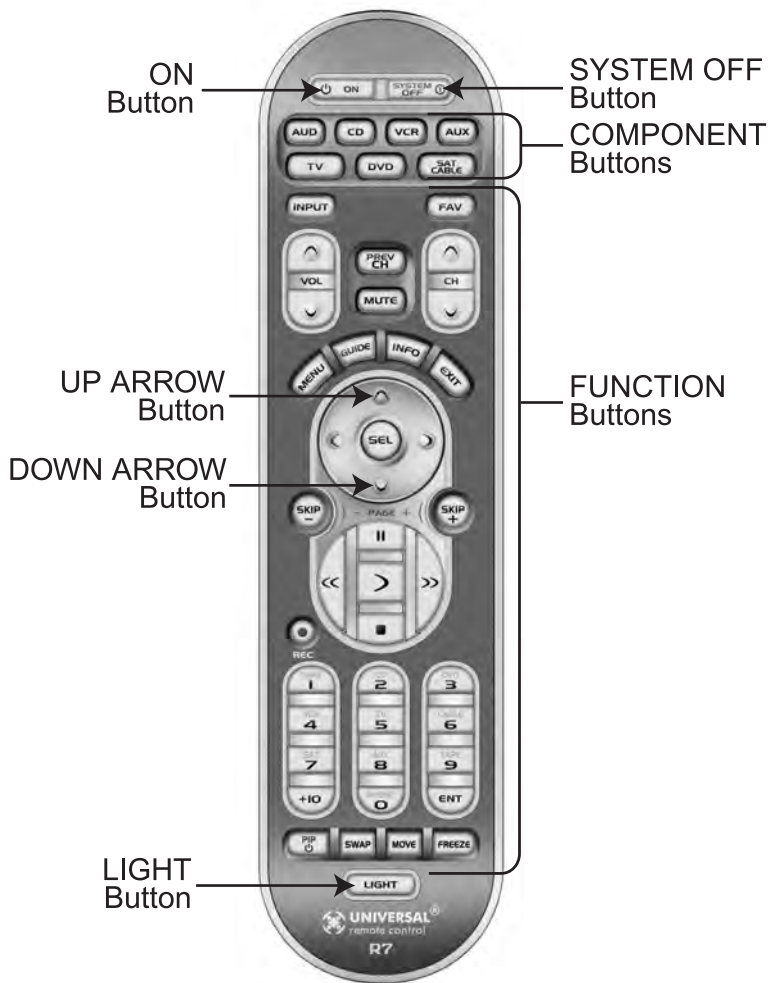
Before we start, insert the two AA batteries that are included in the package into the battery compartment located in the back of your remote. Just press the tab and lift off the cover. Please be sure to insert the batteries correctly as you see in the diagram. Remember, there is a positive and negative end to each battery and you can tell using + (positive) and - (negative) symbols. Once the batteries are correctly installed, replace the cover.

Insert
batteries
correctly



R7 LOCATION OF CONTROLS

Button Layout



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LIGHT BUTTON



Press the LIGHT button to backlight all the buttons. To turn off the backlight, press the LIGHT button again, or just wait ten seconds (the backlight automatically shuts itself off).

Customizing Your R7

There are three ways you can program your remote:

- > The Pre-Programmed Code Method (page 8)
- > The Auto-Search Method (page 12)
- > The Learning Method (page 14)

The Pre-Programmed Code Method allows you to set up all the buttons at once, so it's the fastest and easiest of the three methods. The Auto-Search Method scans through all the codes in the remote control, one at a time. The Learning Method allows you to transfer functions from your old remote, one button at a time.



SECTION 1: Pre-Programmed Code Method

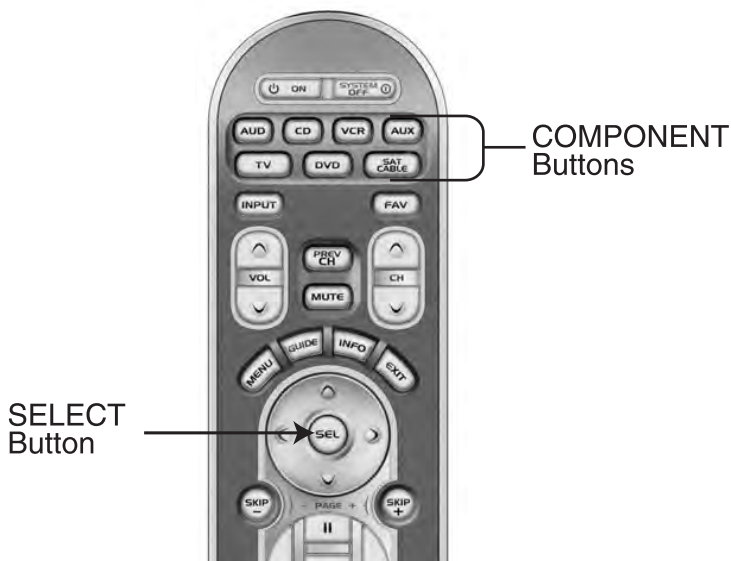
STEP 1: The pre-programmed 3-digit codes are found in the back of this Instruction Manual (page 33). The codes are listed by Component category (i.e., TV, VCR, DVD, etc.), then by brand name. For instance, if you would like to locate a code for a Sony TV, first locate the TV category, and then look for the Sony brand.

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STEP 2: Once you have located the 3-digit codes for each of the components that you want to operate from your R7, write them ALL down on a piece of paper. It's important that you write down all the codes because only one code is going to work for you.

STEP 3: Now, turn on the component you want to program using your old remote... let's say your TV to start. Look up your TV's manufacturer set-up code from your hand-written list.

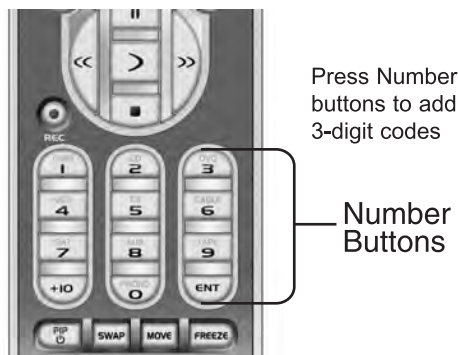
STEP 4: Press down on the Component button, (in this case the button that says TV), and the SELECT (SEL) button at the same time. Hold both down for 3 seconds until the TV Component button light turns on.



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IMPORTANT: You now have 20 seconds to perform the next step while you are in set-up mode. If you don't press a button within 20 seconds, the LED light will turn off and exit the set-up mode and you will need to start over.

STEP 5: Point the remote toward the Component, (in this example the TV), and punch in the 3-digit-code that you wrote down for that specific Component. Use the Number buttons 0-9 on the remote to punch in the code. The TV LED light will blink each time a number is pressed. This lets you know that the number has been successfully entered.



If the 3-digit code number you just punched in is the correct number, the component you are trying to program will turn off. If it did not turn off, continue entering code numbers from your list until the TV turns off.

IMPORTANT: If you tried all the set-up codes in the list and the component still did not turn off, either the Auto-Search Method (page 12) or the Learning Method (page 14) will help you.

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STEP 6: After you've entered the code number and the component has turned off, press the POWER button on your remote to turn the component back on.

Now it's time to test the VOLUME and CHANNEL buttons (or PLAY and STOP buttons for VCR and DVD) to make sure they all work. For example, maybe your Sony TV turned off with code number 147, but the volume controls did not work properly. If this is the case, try the next code number listed for that component and repeat STEP 5 using the next code number until you find a perfect match.

STEP 7: Once you have found a correct code, you just have to save it. Press the component button you just programmed, (in this case TV), one more time to store the code number. The component button LED light will blink three times to confirm that the code was successfully stored. Now when you press the TV component button, all the buttons will work with your TV.

NOW, PROGRAM THE REST OF YOUR COMPONENTS BY REPEATING STEPS 3 THROUGH 7.

IMPORTANT: If the Pre-Programmed Code Method did not work for you, try the Auto-Search Method next as outlined on page 12.

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SECTION 2: Pre-Programmed Auto-Search Method

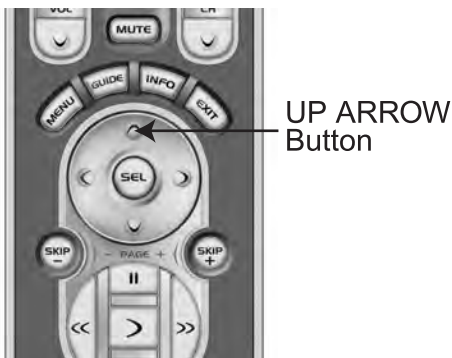
The Auto-Search Method is a way you can scan through other codes in the table to find the right code for your component.

STEP 1: Using your old remote, turn on the component you want to program with the R7, let's say your TV.

STEP 2: Now, press down on the Component button, (in this case the button that says TV), and the SELECT (SEL) button at the same time. Hold them both down for 3 seconds until the TV component button LED light turns on.

IMPORTANT: If you don't press a button within 20 seconds, the LED light will turn off and exit the set-up mode and you will need to start over.

STEP 3: Press the UP ARROW button once. Each time the Up Arrow is pressed, the code will count up one code number and send a Power OFF signal. When the correct code is sent out, the component will turn off.



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STEP 4: Press the ON button on the R7 to turn the component back on. Now you can test the VOLUME and CHANNEL buttons (or PLAY and STOP buttons for VCR and DVD) to make sure they all work. If any of the buttons do not work properly, you need to find a new code. So, continue pressing the Up Arrow button until you find a code that makes the VOLUME or PLAY buttons work.

STEP 5: Once you have found the right code, you just have to save it by pressing the component button, (in this case TV). The component LED light will blink three times to confirm that the code was stored.

REPEAT THIS METHOD FOR THOSE COMPONENTS YOU COULD NOT PROGRAM EARLIER WITH THE PRE-PROGRAMMED CODE METHOD.

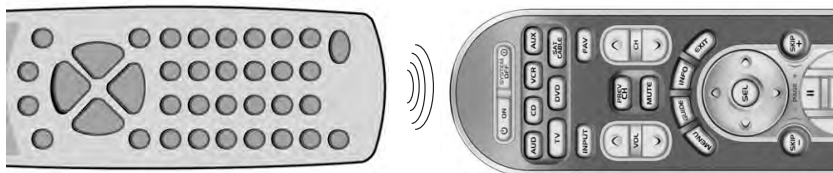
If you cannot find the right code after 5 minutes of trying the UP ARROW button, please try the Learning Method (page 14).

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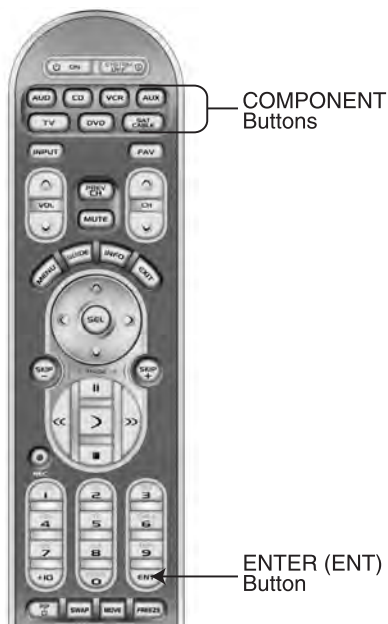
SECTION 3: The Learning Method

This method allows you to 'teach' your R7 the commands from your old remote.

STEP 1: Line up the R7 to your old remote head-to-head as you see here. Make sure the heads are one to two inches apart.



STEP 2: On the R7 remote, press down on both the component button, (such as TV, VCR, etc.), and the ENTER (ENT) button at the same time for 3 seconds until the component LED light turns on.



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IMPORTANT: If you don't press a button within 20 seconds, the LED light will turn off and exit the set-up mode and you will need to start over.

STEP 3: Press any button on the R7 that you want to teach a command to. For example, if you want to teach the MUTE button on the R7, the Mute command from your old TV remote, press the MUTE button on the R7 and the TV component button LED light will blink once indicating that the R7 is ready to learn the command.

STEP 4: Press and hold the MUTE button on your old remote until the component button LED light on the R7 blinks twice. Now you can continue learning all other buttons from your old remote by pressing the next button on the R7 and repeating this step.

Note: The Device LED will blink five times if there was an error in the learning process. In this case, please repeat Steps 3 and 4.

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STEP 5: Once you have completed teaching the R7 all the buttons, press and hold the Component button and ENTER (ENT) buttons together to save the learned functions. The LED light will blink three times to confirm the programming. Now test all the buttons to make sure they learned correctly.

If necessary, please repeat Step 2 to program the next component.



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If the Learning Method does not work, here are a few suggestions:

- *If you have a Plasma TV, move to another room.*
- *Avoid programming under fluorescent light or direct sunlight.*
- *Put new batteries in your old remote.*
- *Gradually vary the distance between the two remote controls.*
- *Tap the button on your old remote instead of pressing and holding it during the learning process.*

See the following notes regarding the Learning process:

- *Learned functions override any existing pre-programmed functions on the remote control.*
- *All buttons for the seven Component modes can be learned except for the LIGHT button.*
- *Learned functions are automatically erased when a new function is learned on the same button.*
- *Learned functions are retained even after a different Set-up Code number is programmed into the remote control.*
- *To return to an original pre-programmed function, a learned function must be erased.*

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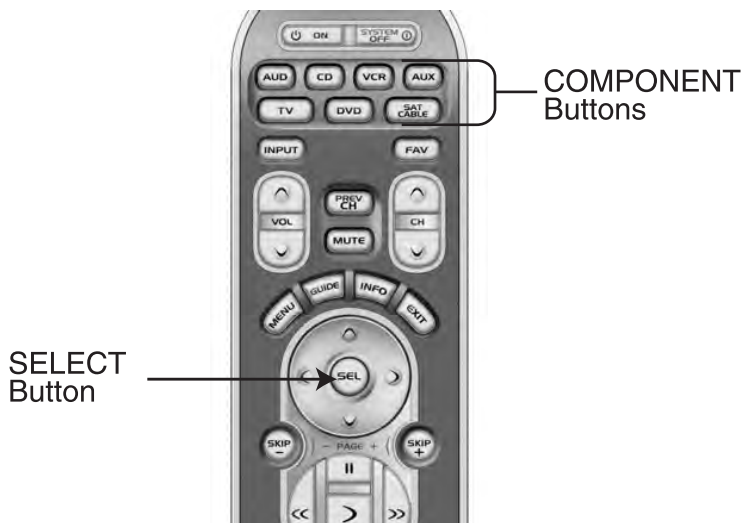
SECTION 4: SimpleSound™ Volume Control

SimpleSound is one of the newest and most exciting features of the R7. It gives you *total* volume control over *ALL* the components in your system, even those that do not have built-in volume control, such as TIVO, DVD and VCR. SimpleSound saves you the hassle and inconvenience of constantly switching between component modes just to control volume.

In a basic system, the sound may come from your TV. In a more advanced system, the sound may come from your audio component such as a Surround Sound Receiver or Home Theatre system. So, first, you should identify what device you want to use in your system for sound.

Now, let's set-up SimpleSound. Here's how:

STEP 1: Press and hold the Component button you want to add volume control to, such as DVD or VCR *and* the SELECT (SEL) button at the same time for about three seconds until the Component LED light turns on.



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IMPORTANT: If you don't press a button within 20 seconds, the LED light will turn off and exit the set-up mode and you will need to start over.

STEP 2: Press the VOLUME UP button and then press either the TV or AUDIO button that you want to use for volume. The Component LED light will blink three times to confirm it is saved. This sets up a group of three buttons (VOLUME UP, VOLUME DOWN and MUTE) in one action!



Repeat Steps 1-2 for all other Components.

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Note: SimpleSound is what is called a Punch Through feature and is not limited to volume control. It can also be applied to other groups of buttons. If you find yourself switching to a particular device frequently to use a group of controls, consider using Punch Through for another group, as listed here. Simply perform the steps above and for step 2, press the first button listed in the group and all buttons will be programmed:

VOLUME: VOLUME UP, VOLUME DOWN AND MUTE

CHANNEL: CHANNEL UP, CHANNEL DOWN AND PREV.
CHANNEL Number (0-9)

VCR/DVD: PLAY, STOP, PAUSE, REWIND, FAST
FORWARD, SKIP+, SKIP-, RECORD

DVD/SAT OSD: MENU, GUIDE, INFO, EXIT, UP, DOWN,
LEFT, RIGHT, SEL

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MacroPower™

Imagine turning on your TV, your DVD player and your surround sound receiver by pressing a single button on your R7! What would normally take three remotes and three button pushes, the R7 can accomplish with the press of one button. We call that MacroPower. Any of the POWER ON or the SYSTEM OFF buttons can be programmed for MacroPower control. To set up MacroPower to these buttons, follow these easy steps:

STEP 1: To program MacroPower commands for the ON button, press the ON button and the MUTE button together and hold them down for about 3 seconds until one of the component button LED lights turns on.



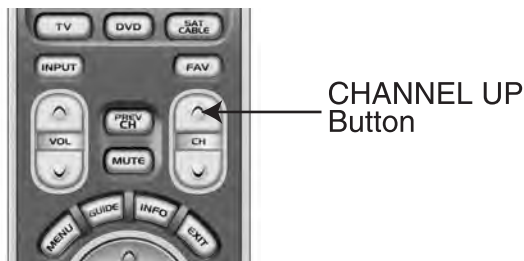
IMPORTANT: If you don't press a button within 20 seconds, the LED light will turn off and exit the set-up mode and you will need to start over.

STEP 2: Press the component button you want to turn on and then the ON button and repeat for all other components in the order you want them to turn on. The LED light will blink once for each command.

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STEP 3: Once you've entered all the Power On commands, press the CHANNEL UP button to save your MacroPower commands and the component button LED light will blink three times to confirm the programming.



SUGGESTION: Most of the components have the same signal to turn the power On and Off. You may want to program MacroPower only in the ON button and save the SYSTEM OFF button to turn components On or Off individually.

Note: If you want to program MacroPower for the SYSTEM OFF button, repeat the same steps used for POWER ON programming.

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AUX Function: Programming a 7th Component

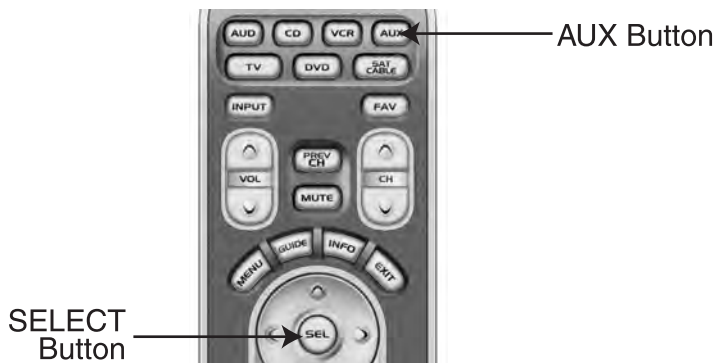
After you've finished customizing the R7's basic programming for six primary components and you did not use AUX, you can take advantage of the AUX function to program a 7th component, such as a second VCR, DVD, or any other audio/video component that you may have in your system. It's very simple. Here's how:

STEP 1: Turn on the component you want to program.

STEP 2: Refer to the pre-programmed code tables on page 34 and write down the code numbers listed for your component. The code numbers are listed by categories of devices, then by brand. See page 33 for a category list.

STEP 3: Press down both the AUX button and the SELECT (SEL) button at the same time and hold them down for 3 seconds until the AUX LED light turns on.

IMPORTANT: If you don't press a button within 20 seconds, the LED light will turn off and exit the set-up mode and you will need to start over.



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STEP 4: Press the component button you want to set-up.

STEP 5: Point the R7 at the component you want to program and enter the 3-digit set-up code listed in the Code Tables. Use the Number buttons 0-9 on the remote to enter the code. The AUX LED light will blink once for each button pressed. Once you enter the correct code number, the component will turn off. If the component does not turn off, press the next code numbers listed for your component until it turns off.

STEP 6: Now, turn on the component and test the the VOLUME and CHANNEL buttons (for TV) or the PLAY and STOP buttons (for VCR and DVD) to make sure that they all work. If any of the functions does not work properly, repeat Step 5 using the next code number listed for your component until you find a perfect match.

STEP 7: Once you've found a correct code, you just have to save it. Press the component button you just programmed, one more time to store the code number. The component LED light will blink three times to confirm that the code was successfully stored.

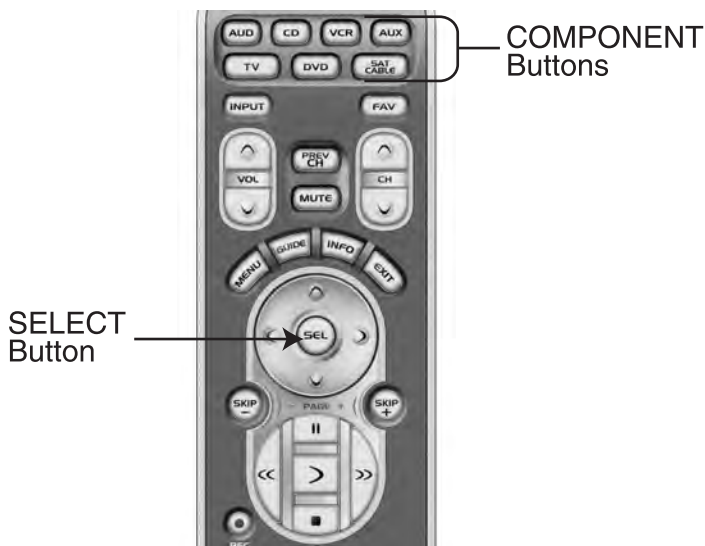
The R7 Remote Control

Finding a Device Button's Set-up Code Number

If you used the Auto-Search Method to program a component, you may not actually know what the correct code number is.

Here is a way for you to identify what that code number is, so you can make a note in the back of this Manual for future reference.

STEP 1: Press and hold the SEL and the desired Component button you would like to verify for approximately three seconds until the Component LED light turns on.



IMPORTANT: If you don't press a button within 20 seconds, the LED light will turn off and exit the set-up mode and you will need to start over.

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STEP 2: Press the INFO button and count the number of times the Component LED light blinks. This number indicates the first digit of the code. Now it will pause for one second and blink again to indicate the number of the second digit. And again, it will pause and blink to indicate the number of the third digit.



10 blinks represents the number 0.

For example: One blink, pause, eight blinks, pause and three blinks indicate code number 183.

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Erasing Commands - Overview

You can erase a single learned command, all learned commands in each component mode, SimpleSound programming, MacroPower commands, or re-set the remote to original factory default settings, if desired.

SECTION 1: Erasing a Single Learned Command

STEP 1: To erase a single command, press and hold both the component button and the ENTER (ENT) button together for about 3 seconds until the component LED light turns on.



COMPONENT Buttons



ENTER (ENT) Button

IMPORTANT: If you don't press a button within 20 seconds, the LED light will turn off and exit the set-up mode and you will need to start over.

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STEP 2: Now, press and hold the button you want to erase for 3 seconds. The component LED light will blink twice to confirm the erasure.

STEP 3: Repeat Step 2 to erase any other buttons in the selected component's mode.

STEP 4: To exit, press and hold both the component button and the ENTER (ENT) button until the component LED light blinks three times.

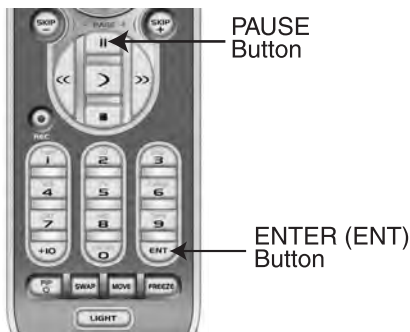
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SECTION 2: Erasing All Learned Commands from One Component Mode

This function allows you to erase all the learned commands from one component. For example, if you want to erase all learned commands on the TV component button because you bought a new TV, the process is very simple.

STEP 1: Press and hold both the desired component button and the ENTER (ENT) button at the same time for about 3 seconds until the component LED light turns on.

IMPORTANT: If you don't press a button within 20 seconds, the LED light will turn off and exit the set-up mode and you will need to start over.



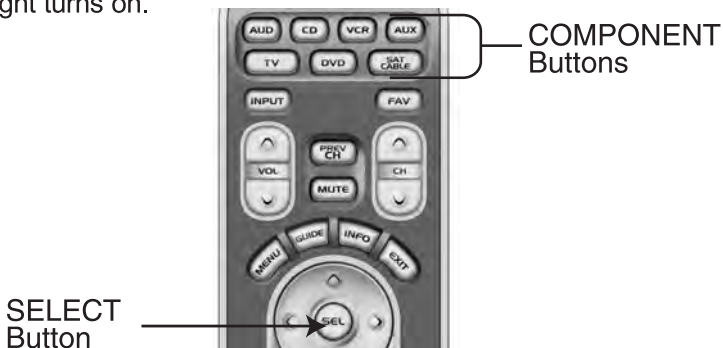
STEP 2: Press and hold both the desired component button you want to erase and the PAUSE button for about three seconds, until the component LED light blinks twice to confirm the erasure.

STEP 3: To exit, press and hold both the component button and the ENTER (ENT) button until the component LED light blinks three times.

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SECTION 3: Erasing SimpleSound Commands

STEP 1: Press and hold the Component button you want to erase volume control from, such as DVD or VCR *and* the SELECT (SEL) button at the same time for about three seconds until the Component LED light turns on.



STEP 2: Press the VOLUME UP button and the same component button from Step 1. The component LED light will blink three times to confirm the erasure.

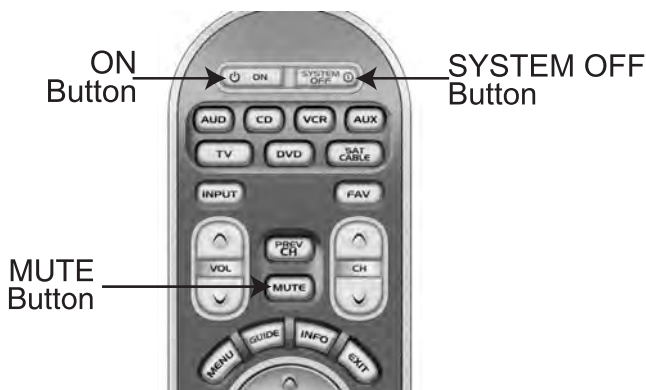


Repeat Steps 1-2 to erase SimpleSound commands from other components.

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SECTION 4: Erasing MacroPower Commands

STEP 1: For erasing MacroPower commands on the POWER ON or SYSTEM OFF button, press and hold either the POWER ON or SYSTEM OFF button and the MUTE button simultaneously for 3 seconds until the component LED light turns on.



IMPORTANT: If you don't press a button within 20 seconds, the LED light will turn off and exit the set-up mode and you will need to start over.

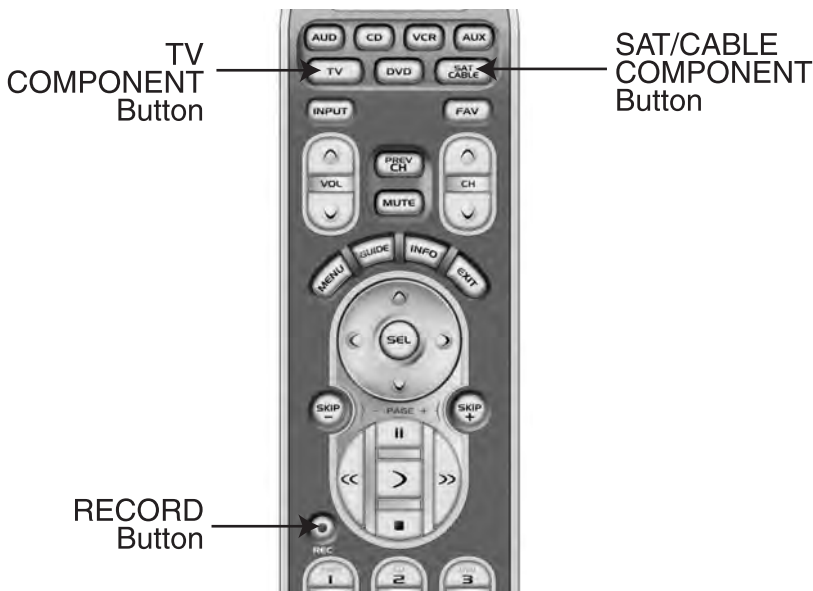
STEP 2: Press the CHANNEL UP button to erase and exit the Erase mode. The component LED light will blink three times to confirm the erasure.

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SECTION 5: Re-setting the Remote to Original Factory Default Settings

If you want to start with a clean slate with the R7, you can re-set your remote to the original factory default settings.

Press and hold both the TV and RECORD buttons for about five seconds until the SAT/CABLE component LED light blinks five times. All added information the remote will be erased and the R7 will return to the original factory default settings.



The R7 Remote Control

Pre-Programmed Code Tables

The R7's Pre-Programmed code library is classified by category (TV, VCR, AUX, etc.). Each category actually includes many types of components. For example, the SAT category includes satellite receivers and digital video recorders like TiVo and Replay. **(Reference the legend below.)**

Within each category, the code numbers are listed in rows by brand (Sony, Panasonic, B & K, etc.). Some brands have more than one three digit code for you to try. Just circle the correct row and refer to it while you setup.

AUDIO	Amps, Preamps and A/V Receivers	pages 34-37
CD	CD Players and Changers	pages 38-40
DVD	DVD Players and DVD Recorders	pages 41-44
AUX	Lighting Controls, Custom Installation Products, Multimedia PC Controls	pages 45-47
CABLE	Cable TV Tuner/Descrambler	pages 48-53
SAT	Satellite Receivers, TiVo, Replay and other DVR Receivers	pages 48-53
TV	TVs, Plasmas, Projectors and Monitors	pages 54-60
VCR	VCRs and TV/VCR Combos	pages 61-65

NOTE: Following each Code Table is a Command Locator. Use the Command Locator to locate additional commands.

AUDIO—Amps, Preamps and A/V Receivers

BRAND	CODE NUMBERS
ADC	007
ADCOM	082 092 225 161 269 355 356
AIWA	018 104 202 203 213 211 188 170
AKAI	189
AMC	125 126 127 281 282
ANGSTROM	142
ANTHEM	335 337
ARCAM	141 418
ATLANTIC TECHNOLOGY	342
AUDIO FILE	071
AUDIO MATRIX	167
AUDIO TECHNICA	134
B & K	096 097
BOSE	070 170 224 347 409 460
BOSTON ACOUSTICS	447
CARVER	006 028 061 071 201 214 226 185 022 077 284
CINEMA SOUND	134
CITATION	148 272
CLARION	026
DELPHI	515
DENON	109 215 230 234 259 330 340
ELAN	057 290
ENLIGHTENED AUDIO	099 098
ESCIENT	368 451
FISHER	047 214 182 297
FLEXTRONICS	378
FOSGATE AUDIONICS	231 342
GE	056
GOLDSTAR	008
HARMAN KARDON	231 233 153 154 118 318
HITACHI	020
INTEGRA	275
JAMO	398
JCPENNEY	216
JENSEN	058
JVC	163 191 114 279 291

AUDIO—Amps, Preamps and A/V Receivers

BRAND	CODE NUMBERS
KENWOOD	026 066 145 192 182 005 280 374
KLH	331
KOSS	216
KRELL	150 072 376 384
KYOCERA	007
LEXICON	120 235 236 237 357 360
LINN	124 377
LUXMAN	137 139 052 165 115 004 009
LXI	056
MAGNAVOX	086 164 152 208
MARANTZ	006 028 031 040 063 185 186 251 265 119 289 296
MCINTOSH	238 286
MERIDIAN	100 012 013
MITSUBISHI	242 243 204
MONDIAL	157 158 042 043 081 112
MYRYAD	276 293
NAD	186 113 283 478 479
NAKAMICHI	111 244 245 172 183 287
NEC	176
NIRO	343
NILES	403
ONKYO	017 046 108 080 209 275
OPTIMUS	026 041
OUTLAW	342
PANASONIC	032 195 219 177 292
PARASOUND	129 130 132 261 294 295 333 334
PHILIPS	249 250 251 063 119
PIONEER	014 039 044 069 168 116 035 078 198 480
POKAUDIO	515
PROCEED	144 268
RCA	010 048 117 156 067 288
REALISTIC	019 056 073 075 095
ROTEL	074 083 085
RUSSOUND	379 391 392
SAMSUNG	016
SANSUI	040 048 110 119 065 228
SANYO	047 059

AUDIO—Amps, Preamps and A/V Receivers

BRAND	CODE NUMBERS
SCOTT	019 091
SHARP	026 094 131 175
SHERWOOD	024 102 106 447
SONY	018 247 248 166 101 184 218 271 369 372 380
SOUNDESIGN	036
SSI	068
SUNFIRE	344 345 346
TEAC	005 019 049 111 212 217
TECHNICS	122 176 193 219 178 177 200 257 262
THETA DIGITAL	136
TOSHIBA	060 087 198 278
YAMAHA	026 253 169 067 173 205 264 232 089 264 274 285 373
ZENITH	143 210

AUDIO COMMAND LOCATIONS

BUTTON NAME	COMMAND	BUTTON NAME	COMMAND
ON	ON	PAUSE	PAUSE
SYSTEM OFF	OFF	REW	REW
VOL+	VOL+	FF	FF
VOL-	VOL-	1/TUNER	TUNER
MUTE	MUTE	2/CD	CD
CH+	PRESET+	3/DVD	DVD
CH-	PRESET-	4/VCR	VCR/V1
PREV CH		5/TV	TV/V2
INPUT	BAND(FM/AM)	6/CABLE	CABLE/V3
FAV	MULTI CH	7/SAT	SAT/V4
MENU	MENU	8/AUX	AUX
GUIDE		9/TAPE	TAPE
INFO	DISPLAY	0/PHONO	PHONO
EXIT	EXIT/RETURN	+10	
UP	UP	ENT	
DOWN	DOWN	PIP ON-OFF	
SEL	SEL/OK	PIP SWAP	
LEFT	LEFT	PIP MOVE	
RIGHT	RIGHT	PIP FREEZE	
PAGE+/SKIP+	DSP+/MODE+		
PAGE-/SKIP-	DSP-/MODE-		
REC	REC		
PLAY	PLAY		
STOP	STOP		

CD—CD Players and Changers

BRAND	CODE NUMBERS
ADCOM	062 042
AIWA	089 170 187
AKAI	202
AMC	231 232
ARCAM	238
AUDIO ACCESS	119 147
AUDIO EASE	165
AUDIO TECHNICA	046
CALIFORNIA AUDIO	103 008
CARVER	185 041 044 050 107 130 134 135 138 139 203 204 167
CREEK	159
DENON	002 123
EMERSON	042
FISHER	050 185 134 008
GENEXXA	010
HARMAN KARDON	033 047 208
HITACHI	042 175
INKEL	130
JCPENNEY	141
JENSEN	158
JVC	004 022 136 163 213 214 242 243
KENWOOD	185 007 023 055 071 072 142 137 254
KRELL	241
KYOCERA	005
LUXMAN	011 028 070 249 252
MAGNAVOX	044 107
MARANTZ	041 044 051 077 107 209 246
MCINTOSH	212 247
MEMOREX	010
MISSION	044 107
MINISUBISHI	179
MONDIAL	147
MYRYAD	244 155
NAD	005 178

CD-CD Players and Changers

BRAND	CODE NUMBERS
NAKAMICHI	217 218
NEC	062
NIKKO	046
NSM	044 107
ONKYO	030 038 039 168 169
OPTIMUS	010 050 081
PANASONIC	103 172 008 068 248
PARASOUND	233 240
PHILIPS	041 044 107 246
PIONEER	010 020 174 175 176
PROCEED	239
PROTON	044 107
QUASAR	103 008
RCA	017 042 150
REALISTIC	042 050 051 187
ROTEL	044 107 161 178 250
SAE	044 107
SANSUI	044 107 128 171 190 125
SANYO	050
SHARP	026 031 051
SHERWOOD	019 051 096 112 115 119 166
SIGNATURE	033
SONY	048 081 097 126 133 177 225 226 164
SOUNDESIGN	251
SUMO	155
SYLVANIA	044 107
SYMPHONIC	052
TANDY	010
TEAC	051 052 140 079
TECHNICS	103 172 184 008 068
THETA DIGITAL	234 235
VICTOR	004 022
WARDS	185 033
YAMAHA	024 046 054 186 183 245

CD COMMAND LOCATIONS

BUTTON NAME	COMMAND	BUTTON NAME	COMMAND
ON	ON	PLAY	PLAY
SYSTEM OFF	OFF	STOP	STOP
VOL+	VOL+	PAUSE	PAUSE
VOL-	VOL-	REW	REW
MUTE	MUTE	FF	FF
CH+	DISC SKIP+	1/TUNER	1
CH-	DISC SKIP-	2/CD	2
PREV CH		3/DVD	3
INPUT	DISC	4/VCR	4
FAV	REPEAT	5/TV	5
MENU	PROGRAM	6/CABLE	6
GUIDE		7/SAT	7
INFO		8/AUX	8
EXIT		9/TAPE	9
UP		0/PHONO	0
DOWN		+10	>10
SEL		ENT	ENTER
LEFT		PIP ON-OFF	
RIGHT		PIP SWAP	
PAGE+/SKIP+	TRACK SKIP+	PIP MOVE	
PAGE-/SKIP-	TRACK SKIP-	PIP FREEZE	
REC			

DVD PLAYERS/RECORDERS/COMBOS

BRAND	CODE NUMBERS
DVD PLAYERS	
AIWA	146
ALPINE	098
APEX DIGITAL	087 111 115
BROKSONIC	130
CINEVISION	091
DENON	007 080 173
DURABRAND	091
DVD 2000	017
EMERSON	091 143
FISHER	147
FUNAI	143
GE	026 027
GOLDSTAR	091
GO VIDEO	137 091 220 221 222
HARMAN KARDON	084 140
HITACHI	101
INTEGRA	142 180
JBL	084
JVC	012
KENWOOD	151
KLH	135
KRELL	104
LEXICON	148
LG	091 057 074
MAGNAVOX	066 096
MARANTZ	083 095
MERIDIAN	153
MICROSOFT	027
MITSUBISHI	017
MYRYAD	102 134

DVD PLAYERS/RECORDERS/COMBOS

BRAND	CODE NUMBERS
NAD	088
NAKAMICHI	103
ONKYO	076 035 180
OPTIMUS	107
ORION	130
PANASONIC	021 042 138 139 144 150
PHILIPS	066 083 095 105 166
PHILIPS-MAGNAVOX	035 066
PIONEER	023 092 099 107 108 131
POLAROID	233
POLK AUDIO	035 066
PROCEED	086
PROSCAN	026 027
RCA	026 027
SAMSUNG	056 070 119 165 170 137 159
SANSUI	154
SANYO	147
SEARS	130
SENSORY SCIENCE	222
SHARP	094
SONY	033 118 145 126 191
SYLVANIA	143
SYMPHONIC	143
TATUNG	102
TEAC	107
TECHNICS	042
TECHWOOD	088
THOMPSON	026 027
TOSHIBA	035 034 130 141 164 188
VENTURER	149
X-BOX	027

DVD PLAYERS/RECORDERS/COMBOS

BRAND	CODE NUMBERS
YAMAHA	042 089 166 195 197
ZENITH	057 074 091
DVD RECORDERS	
GO VIDEO	220 221 222
PANASONIC	139
SENSORY SCIENCE	222
SONY	191
TOSHIBA	188
DVD-TV/DVD Combos	
AIWA	146
FUNAI	143
SAMSUNG	165
SYLVANIA	143
SYMPHONIC	143
TOSHIBA	130
DVD-TV/DVD/VCR Combos	
MAGNAVOX	143
PANASONIC	144
SYLVANIA	143
TOSHIBA	164
DVD/VCR Combos	
GO VIDEO	137
PANASONIC	150
PHILIPS	105 (VCR Functions for VCR 067)
SAMSUNG	137 159
SANSUI	154
SONY	145 191
TOSHIBA	141
ZENITH	091 (VCR Functions for VCR101)

DVD COMMAND LOCATIONS

BUTTON NAME	COMMAND	BUTTON NAME	COMMAND
ON	ON	PLAY	PLAY
SYSTEM OFF	OFF	STOP	STOP
VOL+	VOL+	PAUSE	PAUSE
VOL-	VOL-	REW	REW
MUTE	MUTE	FF	FF
CH+		1/TUNER	1
CH-		2/CD	2
PREV CH	OPEN/HDD	3/DVD	3
INPUT	INPUT/DVD	4/VCR	4
FAV	ZOOM/VCR	5/TV	5
MENU	MENU	6/CABLE	6
GUIDE	SETUP	7/SAT	7
INFO	INFO	8/AUX	8
EXIT	EXIT	9/TAPE	9
UP	UP	0/PHONO	0
DOWN	DOWN	+10	+10
SEL	SEL/OK	ENT	ENTER
LEFT	LEFT	PIP ON-OFF	
RIGHT	RIGHT	PIP SWAP	
PAGE+/SKIP+	SKIP +	PIP MOVE	
PAGE-/SKIP-	SKIP -	PIP FREEZE	
REC	REC		

AUX - Lighting, Media PC

BRAND	CODE NUMBERS
APPLE	401
DELL	261 262
DWIN	080 253
FAROUDJA	184
GATEWAY	261 262
HP	261 262
HUNTERDOUGLAS	219
KEYSPAN	297
LITE-TOUCH	208 257
LUTRON	158 159 077
NILES	160 187
RUSSOUND	081
SIMA	082
SONY	261 262
X-10	183 093
XANTECH	172 188 189

AUX COMMAND LOCATIONS (LIGHT)

BUTTON NAME	COMMAND	BUTTON NAME	COMMAND
ON	ON	PLAY	
SYSTEM OFF	OFF	STOP	
VOL+		PAUSE	
VOL-		REW	
MUTE		FF	
CH+		1/TUNER	1
CH-		2/CD	2
PREV CH		3/DVD	3
INPUT		4/VCR	4
FAV		5/TV	5
MENU		6/CABLE	6
GUIDE		7/SAT	7
INFO		8/AUX	8
EXIT		9/TAPE	9
UP	UP/BRIGHT	0/PHONO	10
DOWN	DOWN/DIM	+10	11
SEL		ENT	12
LEFT		PIP ON-OFF	13
RIGHT		PIP SWAP	14
PAGE+/SKIP+		PIP MOVE	15
PAGE-/SKIP-		PIP FREEZE	16
REC			

AUX COMMAND LOCATIONS (MEDIA PC)

BUTTON NAME	COMMAND	BUTTON NAME	COMMAND
ON	ON	PLAY	PLAY
SYSTEM OFF	OFF	STOP	STOP
VOL+	VOL+	PAUSE	PAUSE
VOL-	VOL-	REW	REW
MUTE	MUTE	FF	FF
CH+	CH/PG+	1/TUNER	1
CH-	CH/PG-	2/CD	2
PREV CH	BACK	3/DVD	3
INPUT	LIVE TV	4/VCR	4
FAV	START/*	5/TV	5
MENU	MENU	6/CABLE	6
GUIDE	GUIDE	7/SAT	7
INFO	INFO	8/AUX	8
EXIT	CLEAR	9/TAPE	9
UP	UP	0/PHONO	0
DOWN	DOWN	+10	
SEL	SEL/ENT	ENT	ENTER
LEFT	LEFT	PIP ON-OFF	TV
RIGHT	RIGHT	PIP SWAP	MUSIC
PAGE+/SKIP+	REPLAY	PIP MOVE	VIDEOS
PAGE-/SKIP-	SKIP	PIP FREEZE	PICTURES
REC	REC		

SAT - Satellite Receivers/Cable Boxes

BRAND	CODE NUMBERS
CABLE BOXES	
ABC	004 103 003 039 042 046 053
ADELPHIA	043 074
ADVANCED NEWHOUSE	043
ALTRIO	043
AMERICAST	099
ARMSTRONG	074
AT&T BROADBAND	074
ATLANTIC BROADBAND	043 074
BELL SOUTH	099
BLUE RIDGE	043 074
BRESNAN	074
BRIGHT HOUSE	043 110
BUCKEYE COMM	074
CABLEVISION	043 074 108
CHARTER	043 074
COGECO	074
COMCAST	043 074 110
COMSAT	074
COX DIGITAL	043 074
EAGLE	020 030 040
EASTERN	057
GEMINI	008
GENERAL INSTRUMENT	074 103 104
GNC	099
GOLDEN CHANNEL	030
HAMLIN	049 050 055
HITACHI	103 055
INSIGHT	074
JERROLD	074 004 103 002 003 008 009 010 069
MAGNAVOX	010 012

SAT - Satellite Receivers/Cable Boxes

BRAND	CODE NUMBERS
MASSILLON	074
MEDIACOM	074
MEMOREX	052
MOTOROLA	074 110 148 111
MOVIE TIME	028
MOXI	111
NCTC	074
NSC	015 028 038 071
OAK	031 037 053
PACE	043 074
PANASONIC	044 047
PARAGON	052
PHILIPS	006 012 013 020 085
PIONEER	043 103 034 051 063 076 105
PULSAR	052
RCA	047
RCN	074
REGAL	049 050
REGENCY	057
RODGERS	043
SAMSUNG	030
SCIENTIFIC ATLANTA	043 003 041 042 045 046
SEREN	043
SERVICE ELECTRIC	074
SHAW	074
SIGECOM	043
SONY	108
SPRUCER	047
STARCOM	002 004 008 009
STARGATE	008 030 104
SUSQUEHANNA	043 074

SAT - Satellite Receivers/Cable Boxes

BRAND	CODE NUMBERS
TIME WARNER	043 074
TOCOM	039 040 056
TOSHIBA	052
UNITED CABLE	004 053
VIDEOTRON	043
VIEWSTAR	012 015
WIDE OPEN WEST	043 099
ZENITH	052 060 093 100
SATELLITE RECEIVERS	
CABLEVISION / VOOM	148
DIRECTV	173
ECHOSTAR / DISH	122 167
EXPRESSVU	122 167
GENERAL ELECTRIC	151 116 150
GENERAL INSTRUMENT	148
GOI	122 167
HITACHI	139 140
HTS	122 167
HUGHES	114 154
JVC	122 167
LG	170
MAGNAVOX	136
MEMOREX	136
MITSUBISHI	114 154
MOTOROLA	148
NEXT LEVEL	148
PANASONIC	142 160
PAYSAT	136
PHILIPS	152 153 156 114 154 136
PROSCAN	151 116 150
RADIO SHACK	148

SAT - Satellite Receivers/Cable Boxes

BRAND	CODE NUMBERS
RCA	151 116 150
SAMSUNG	123 155 163 169 175
SKY	164
SONY	115
STAR CHOICE	148
TOSHIBA	127 114 154 157 158
UNIDEN	136
ZENITH	159
SATELLITE/CABLE DVR RECEIVERS	
ECHOSTAR / DISH	122 167
HUGHES	209
HUMAX	209
JVC	122 167
PHILIPS	201 209
REPLAY NETWORKS	200
SONY	205 206
TIVO	201 209

CABLE BOX COMMAND LOCATIONS

BUTTON NAME	COMMAND	BUTTON NAME	COMMAND
ON	ON	PLAY	PLAY
SYSTEM OFF	OFF	STOP	STOP
VOL+	VOL+	PAUSE	PAUSE
VOL-	VOL-	REW	REW
MUTE	MUTE	FF	FF
CH+	CH+	1/TUNER	1
CH-	CH-	2/CD	2
PREV CH	LAST	3/DVD	3
INPUT	VIDEO/BYPASS	4/VCR	4
FAV	FAV	5/TV	5
MENU	MENU	6/CABLE	6
GUIDE	GUIDE	7/SAT	7
INFO	INFO	8/AUX	8
EXIT	EXIT	9/TAPE	9
UP	UP	0/PHONO	0
DOWN	DOWN	+10	* / PPV
SEL	SEL/OK	ENT	ENTER/MUSIC
LEFT	LEFT	PIP ON-OFF	PIP ON.OFF
RIGHT	RIGHT	PIP SWAP	SWAP/A/DAY-
PAGE+/SKIP+	PAGE+/PIP CH+	PIP MOVE	MOVE/B/DAY+
PAGE-/SKIP-	PAGE-/PIP CH-	PIP FREEZE	LIST/C/HELP
REC	REC		

SATELLITE AND DVR RECEIVER COMMAND LOCATIONS

BUTTON NAME	COMMAND	BUTTON NAME	COMMAND
ON	ON	PLAY	PLAY
SYSTEM OFF	OFF	STOP	STOP
VOL+	VOL+	PAUSE	PAUSE
VOL-	VOL-	REW	REW
MUTE	MUTE	FF	FF
CH+	CH+	1/TUNER	1
CH-	CH-	2/CD	2
PREV CH	LAST	3/DVD	3
INPUT	INPUT	4/VCR	4
FAV	FAV	5/TV	5
MENU	MENU	6/CABLE	6
GUIDE	GUIDE	7/SAT	7
INFO	INFO	8/AUX	8
EXIT	EXIT	9/TAPE	9
UP	UP	0/PHONO	0
DOWN	DOWN	+10	*, (-)
SEL	SEL/OK	ENT	ENTER
LEFT	LEFT	PIP ON-OFF	PIP/REPLAY
RIGHT	RIGHT	PIP SWAP	SWAP/ADVANCE
PAGE+/SKIP+	PG+/THUMBS-UP	PIP MOVE	POSITION/SLOW
PAGE-/SKIP-	PG-/THUMBS-DN	PIP FREEZE	RECOVER/LIVE TV
REC	REC		

TV - TVs, Plasmas, Projectors and Monitors

BRAND	CODE NUMBERS
ABEX	025
ADMIRAL	072 081 161 160
ADVENT	247
ADVENTURA	002
AKAI	197 146 248
A MARK	112 143
AMPRO	167 073 157 183
AMSTRAD	052
ANAM	043 054 056 080 112 131
AOC	197 004 112 058
APEX DIGITAL	006 276
AUDIOVOX	076
BARCO	233
BELCOR	116
BELL&HOWELL	161 072
BLAUPUNKT	088
BROKSONIC	238
BROCKWOOD	116
CAIRN	201
CANDLE	197 002 003 004
CAPEHART	058
CELEBRITY	070
CENTURION	197
CETRONIC	043
CITIZEN	197 002 003 004 043 101 103 143
CLASSIC	043
CLP CLASSIC	161
COLORTYME	116 197
CONCIERGE	073 157 183
CONCERTO	004
CONTEC	043 050 051

TV - TVs, Plasmas, Projectors and Monitors

BRAND	CODE NUMBERS
CORNEA	116
CORONADO	143
CRAIG	043 054
CROWN	043 143
CURTIS MATHES	197 101 004 143
CXC	043
DAEWOO	004 016 043 044 076 103 114 125 127 143
DAYTRON	004 143
DELL	319 320 321
DIMENSIA	161
DREAMVISION	235
DUKANE	163 025
DUMONT	116 073 157 183
DURABRAND	096
DWIN	177 257
DYNASTY	043
DYNATECH	062
EIKI	187
ELECTROBAND	070
ELECTROHOME	143 024 076 196
ELEKTRA	072
EMERSON	028 048 043 155 005 197 004 047 050 051 076 096 143 151 153 154
ENVISION	116 197
ESA	323
FISHER	007 057
FUJITSU	198 246 346
FUNAI	028 043 052
FUTURETECH	043
GATEWAY	242 268
GE	160 144 165 073 197 008 009 034 056 074 130 155 161 004 157 183

TV - TVs, Plasmas, Projectors and Monitors

BRAND	CODE NUMBERS
GIBRALTAR	116 073 157 183
GOLDSTAR	113 116 102 004 106 112 119 127 143
HALL MARK	004
HITACHI	011 163 166 004 009 010 012 023 075 143 158 072
HP	316 327
INFINITY	164
INFOCUS	230 330 333
INSIGNIA	350
INTEQ	073 157 183
JANEIL	002
JBL	164
JCB	070
JCPENNEY	004 024 197 008 009 030 065 101 143 160
JENSEN	013
JVC	038 034 070 083 145 199 210 240 241
KAWASHO	116 070 197
KEC	043
KENWOOD	197 070
KLOSS	002 059
KLOSS NOVABEAM	002
KMC	143
KTV	043 197 143 154
KURAZAI	072
LG	113 116 102 004 106 112 119 127 143 243 284 363
LODGENET	072
LOEWE	164
LOGIK	072
LUXMAN	004
LXI	166 007 015 052 081 160 164
MAGNAVOX	164 059 197 003 060 061 004 063 064 127 022 160 094 239 226
MAJESTIC	161 072

TV - TVs, Plasmas, Projectors and Monitors

BRAND	CODE NUMBERS
MARANTZ	197 164 184
MATSUI	164
MAXENT	242
MEGATRON	116 197 163
MEMOREX	007 072 004
METZ	088
MGA	197 004 024 028 042
MIDLAND	161 073 157 183
MINERVA	088
MINUTZ	008
MITSUBISHI	109 124 024 004 028 040 042 146 191
MONTGOMERY WARD	161 072
MTC	197 004 062 101
NAD	015 025
NEC	132 130 134 197 040 016 024 056 019 236 237 262 272
NET TV	202
NIKEI	043
NIKKO	116 197
NUVISION	351
ONKING	043
ONWA	043
OPTIMUS	025
OPTONICA	019 081
OPTOMA	265 270
ORION	096
PANASONIC	034 056 080 092 164 208
PHILCO	197 003 059 060 064 164 004 024 056 063
PHILIPS	164 005 093 038 197 003 004 059 127 184 206 239 259
PILOT	116
PIONEER	135 025 197 018 023 116 190 234

TV - TVs, Plasmas, Projectors and Monitors

BRAND	CODE NUMBERS
PORTLAND	004 143
PROSCAN	144 160 161 165 167
PROTON	004 131 058 143 171 173 193
PULSAR	116 073 157 183
QUASAR	034 056 092
RADIO SHACK	019 004 143 043 127
RCA	160 165 065 144 161 197 004 024 056 152 023 074 333
REALISTIC	007 019 043 047
ROCTEC	186
RUNCO	168 169 178 179 180 181 182 183 073 157
SAMPO	197 058 004 202
SAMSUNG	050 089 101 105 004 127 143 160 228 229 258
SAMSUX	197
SANSUI	096
SANYO	166 007 020 053 057 082 187
SCEPTRE	276
SCOTCH	116 197
SCOTT	028 043 004 048 143
SEARS	015 030 004 007 028 057 143 094 160 082 165 166
SELECO	189 200 205 227
SHARP	081 019 014 170 028 029 004 022 143 175 251
SHOGUN	116
SIEMENS	088
SIGNATURE	072
SIMPSON	003
SOLE	231 232
SONY	070 139 147 126 185 085 213 277 279
SOUNDESIGN	028 004 003 043
SPECTRICON	112
SSS	004 043

TV - TVs, Plasmas, Projectors and Monitors

BRAND	CODE NUMBERS
SUPRA	116
SUPREMACY	002
SUPREME	070
SVA	328
SYLVANIA	197 003 052 059 060 063 064 164 044 160 127
SYNTAX OLEVIA	161 144 160 376
TANDY	081
TATUNG	056 062
TECHNICS	034 080
TECHWOOD	004
TEKNIKA	002 003 004 024 028 043 072 101 143
TELEFUNKEN	037 046 086 087
TELERENT	072
TERA	172
TMK	004
TOSHIBA	015 138 030 007 040 062 101 325
TOTEVISION	143
UNIVERSAL	008 009
VICTOR	145
VIDEO CONCEPTS	146
VIDIKRON	174 184 188 192
VIDTECH	004
VIEWSONIC	242
VIKING	002
WARDS	004 008 009 019 028 060 061 063 064 072 074 143 164 034
WESTINGHOUSE	076 280
YAMAHA	197 004
YORK	004
YUPITERU	043
ZENITH	073 072 095 103 157 183 243 284
ZONDA	112

TV COMMAND LOCATIONS

BUTTON NAME	COMMAND	BUTTON NAME	COMMAND
ON	ON	PLAY	
SYSTEM OFF	OFF	STOP	
VOL+	VOL+	PAUSE	
VOL-	VOL-	REW	
MUTE	MUTE	FF	
CH+	CH+	1/TUNER	1
CH-	CH-	2/CD	2
PREV CH	LAST	3/DVD	3
INPUT	TV/VCR	4/VCR	4
FAV	FAVORITES	5/TV	5
MENU	MENU	6/CABLE	6
GUIDE	GUIDE	7/SAT	7
INFO	INFO	8/AUX	8
EXIT	EXIT	9/TAPE	9
UP	UP	0/PHONO	0
DOWN	DOWN	+10	+10
SEL	SEL/OK	ENT	ENTER
LEFT	LEFT	PIP ON-OFF	PIP/POP
RIGHT	RIGHT	PIP SWAP	PIP SWAP
PAGE+/SKIP+	PIP CH+/SLEEP	PIP MOVE	PIP MOVE
PAGE-/SKIP-	PIP CH-/CC	PIP FREEZE	PIP FREEZE
REC			

VCR - VCRs and TV/VCR Combos

BRAND	CODE NUMBERS
VCRS	
AIWA	034 161
AKAI	016 146 043 046 124 125
AMPRO	072
ANAM	031
AUDIO DYNAMICS	012 023 039 043
BROOKSONIC	035 037 129
CANON	028 031
CAPEHART	108
CRAIG	003 040 135
CURTIS MATHES	031 041
DAEWOO	111 116 117 119 005 007 010 065 108 110 112
DAYTRON	108
DBX	012 023 039 043
DYNATECH	034 053
ELECTROHOME	059
EMERSON	006 029 035 017 025 027 031 034 036 037 046 101 129 131 138 153 162 116
FISHER	003 010 008 009
FUNAI	034
GE	031 072 147 063 107 109 144
GO VIDEO	132 136 155 040 115
GOLDSTAR	101 106 114 013 020 012 123
HARMAN KARDON	012 045
HITACHI	004 026 150 018 034 043 063 137 160 013
INSTANTREPLAY	031
JCL	031
JCPENNEY	012 013 015 040 066 101
JENSEN	043
JVC	048 043 130 150 055 060 012 031 050 152 166

VCR - VCRs and TV/VCR Combos

BRAND	CODE NUMBERS
KENWOOD	014 048 034 047
LG	101 106 114 013 020 012 123
LLOYD	034
LXI	034 003 009 017 106
MAGIN	040
MAGNAVOX	067 031 034 068 041 156 164
MARANTZ	067 069 012 031 156
MARTA	101
MATSUI	027 030
MEI	031
MEMOREX	101 003 010 014 031 034 053 072 102 134 139
MGA	045 046 059
MINOLTA	013 020
MITSUBISHI	059 061 151 013 020 045 046 051 049 168
MTC	034 040
MULTITECH	024 034
NEC	012 023 039 043 048
NORDMENDE	043
OPTONICA	053 054
ORION	025
PANASONIC	066 070 145 083 133 140 157 163 074 167
PENTAX	013 020 031 063
PHILCO	031 034 067
PHILIPS	031 067 034 101 054 071 156
PILOT	101
PIONEER	021 013 048
PORTLAND	108
PULSAR	072
QUARTZ	002 014
QUASAR	066 145 075

VCR - VCRs and TV/VCR Combos

BRAND	CODE NUMBERS
RADIO SHACK	123
RCA	107 109 144 147 158 041 145 013 020 140 034 040
REALISTIC	003 008 010 014 031 034 040 053 054 101
RICO	058
RUNCO	148
SALORA	014
SAMSUNG	102 104 113 115 112 120 032 040 066 107 109 122 125
SANSUI	022 043 048 135
SANYO	003 010 007 014 134 102
SCOTT	017 037 112 129 131
SEARS	003 008 010 014 081 013 101 009 017 073 112
SHARP	149 054 031 159 165
SHINTOM	024
SIGNATURE	034
SONY	056 057 058 077 052 003 078 076 031 149 154
SOUNDESIGN	034
STS	013
SYLVANIA	031 034 059 067
SYMPHONIC	034
TANDY	010 034
TATUNG	039 043
TEAC	034 039 043
TECHNICS	031 070
TEKNIKA	031 019 034 101
THOMAS	034
TMK	006
TOSHIBA	112 131 079 008 059 047 082 013 042 081
TOTEVISION	040 101
UNITECH	040

VCR - VCRs and TV/VCR Combos

BRAND	CODE NUMBERS
VECTOR RESEARCH	012
VICTOR	048
VIDEO CONCEPTS	012 034 046
VIDEOSONIC	040
WARDS	003 013 017 024 031 034 040 053 054 131
YAMAHA	012 034 039 043
ZENITH	072 080 056 048 101 034 058
TV/VCR Combos	
DAEWOO	005 117
EMERSON	153
FUNAI	034
GOLDSTAR	101 123
HITACHI	034
JCPENNEY	101
LG	101 123
LLOYD	034
MAGNAVOX	034 067
MEMOREX	101
PANASONIC	070 167
PHILIPS	034 067
RADIO SHACK	123
RCA	034
SEARS	101
SONY	057 154
SYLVANIA	067
SYMPHONIC	034
THOMAS	034
ZENITH	034

VCR COMMAND LOCATIONS

BUTTON NAME	COMMAND	BUTTON NAME	COMMAND
ON	ON	PLAY	PLAY
SYSTEM OFF	OFF	STOP	STOP
VOL+	VOL+	PAUSE	PAUSE
VOL-	VOL-	REW	REW
MUTE	MUTE	FF	FF
CH+	CH+/TRK+	1/TUNER	1
CH-	CH-/TRK-	2/CD	2
PREV CH		3/DVD	3
INPUT	TV/VCR	4/VCR	4
FAV		5/TV	5
MENU	MENU	6/CABLE	6
GUIDE		7/SAT	7
INFO		8/AUX	8
EXIT		9/TAPE	9
UP		0/PHONO	0
DOWN		+10	
SEL		ENT	ENTER
LEFT		PIP ON-OFF	
RIGHT		PIP SWAP	
PAGE+/SKIP+		PIP MOVE	
PAGE-/SKIP-		PIP FREEZE	
REC	REC		

The R7 Remote Control

Frequently Asked Questions

If the batteries run out, will I lose my settings?

No. The R7 stores all of your settings in non-volatile FLASH memory. You could remove the batteries for months, replace them at your convenience, and the R7 would still remember your settings.

What is MacroPower?

MacroPower is a very useful way to make a lot of things happen with one button push. For example, in most home theaters, to watch television, the user must turn on the TV, then turn on the Cable Box or the Satellite Receiver, then turn on the Surround Sound system for sound. Instead of pressing all of those buttons one at a time, MacroPower enables you to turn on all of these components, in the sequence you want, with one button push. For more information on why and how you should program MacroPower commands, watch the Quick Setup DVD guide or refer to page 21 in this Manual.

What if my remote control no longer works from a distance?

Replace the batteries with new Alkaline batteries.

Who can I call for more answers?

The Universal Remote Control technical support and customer service staff are ready to answer any questions you might have.

Call us at 1-914-835-4484

Monday - Friday, 9AM to 6PM (EST)

The R7 Remote Control

Warranty

The R7 Remote Control is covered against any manufacturers defects or workmanship for a period of one year from the date of purchase if purchased from an authorized Universal Remote Control dealer. This warranty does not cover the following items:

- Units purchased from unauthorized dealers or companies.
- Damage from misuse, neglect, or acts of nature.
- Products that have been modified or incorporated into other products.
- Products purchased more than 12 months ago.

Specifications

Learning Capability	160 IR commands at standard frequencies (15kHz to 100kHz)
Macro Capability	9 Macros of up to 20 steps each
IR Range (Line of Sight via Infrared)	30-50 feet, depending on the environment
Weight	6.9 oz. (with batteries)
Size	2 1/8" x 1 1/8" x 8 3/4"
Batteries	Two AA Alkaline batteries included

Note

Note



500 Mamaroneck Avenue Harrison, NY 10528 Phone: (914) 835-4484 Fax: (914) 835-4532
www.universalremote.com