

AVEX

R6 Remote Control Owner's Manual



Congratulations!

Congratulations on purchasing Universal Remote Control's AVEX™ R6 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 AVEX R6 can be used with thousands of audio/video components because of the extensive library of codes that have already been programmed into the remote. So... get ready to sit back, relax, and simplify your home entertainment experience.

This Owner's Manual is designed to assist you in programming your AVEX R6 remote to work with your components by guiding you through an easy step-by-step process. Everything you need to know about programming the AVEX R6 is contained in this Manual. AVEX R6 Owner's Manual © 2007 Universal Remote Control, Inc.

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Getting Started - Overview

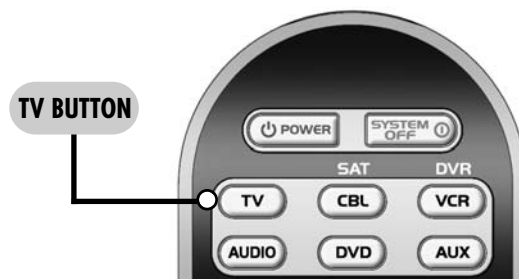
Control up to 6 Components

The AVEX R6 remote control is designed to control up to six different Audio/Video components and operate virtually all brands of AUDIO, TV, DVD, VCR/DVR, SAT/CABLE and AUX (Light, Music Server, etc.) components.

Component Buttons

Once you have programmed the AVEX R6 for all of your components, all you need to do is press a component button and all the buttons on the AVEX R6 will work with that component. For example, when you press the TV component button, all the buttons on your AVEX R6 will operate your TV. If you press the DVD component button, all the buttons on the AVEX R6 will operate your DVD.

Each time you press any of the buttons on the remote, the LED light in the component button will light up to indicate which component you are controlling.



Learning Capability

The AVEX R6 has the ability to 'learn' functions from the original remote controls of other manufacturers, even if they are not in the Pre-programmed database.

Battery Installation

Press the tab and remove the cover of the battery compartment located in the back of your remote. Insert the two AAA batteries (included in the package) making sure to match the positive (+) and negative (-) symbols as shown in the diagram. Place the cover back over the battery compartment.



Low Battery Warning

When the batteries are low and need to be replaced the component LED will quickly blink three times when you press the Power [ON] button.

Couch Mode

The AVEX R6 is designed to automatically turn itself off if a button is pressed for more than 30 seconds. This prevents battery power from being depleted should the remote accidentally slip between the couch cushions.

Special Advanced Features

The AVEX R6 also offers the following special advanced features that can offer you many time-saving conveniences:

MacroPower™ & Other Macro Buttons

MacroPower 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. The AVEX R6 has six Macro buttons that are designed to store up to 20 commands in each button. Pressing any one of the Macro buttons will send out the series of commands that are stored in that button.

'My Favorites' (Favorite Channels)

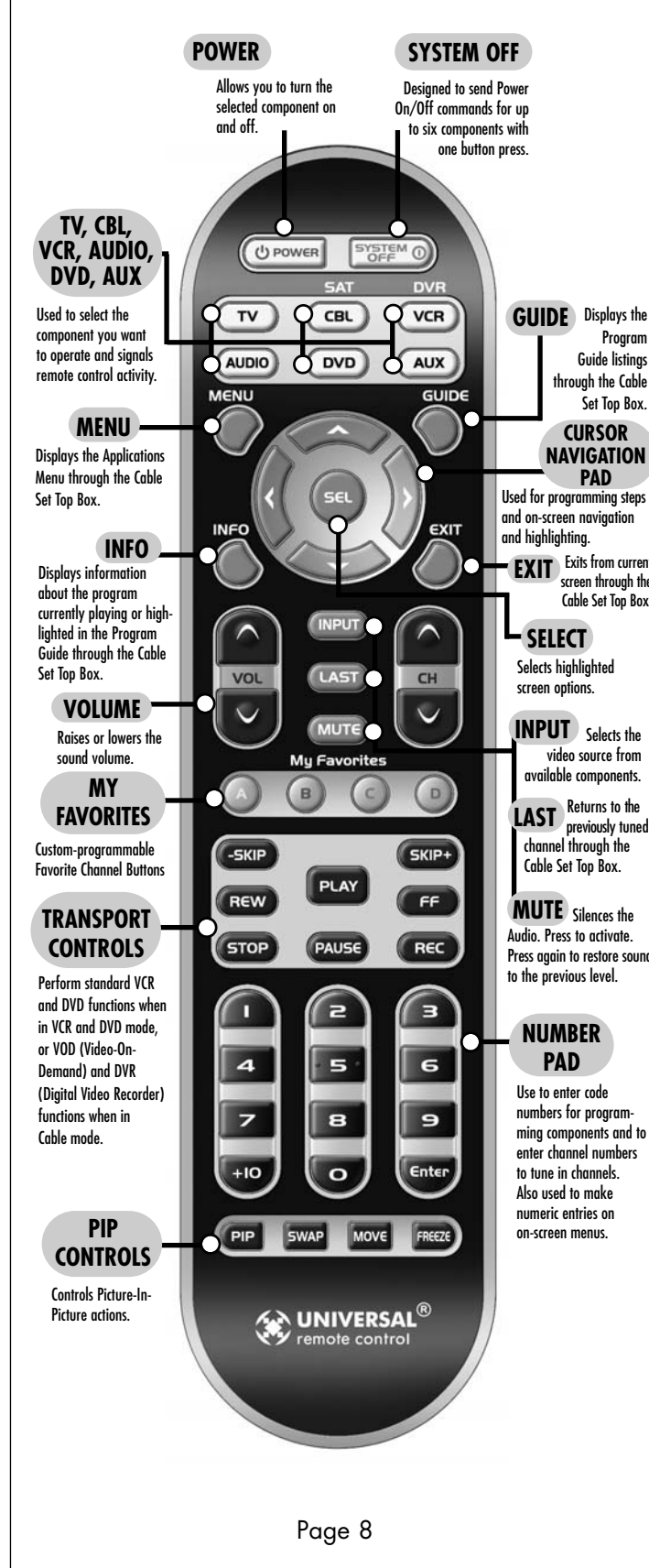
This is one of the most desirable features of the AVEX R6 remote control. Once it's set up, you can select one of four favorite channels with the press of one button – without the need to type in a channel number. So, whether it's CNN or the Food Network, your favorite viewing spot is just one click away.

SimpleSound™ & Other 'Punch Throughs'

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 AVEX R6, 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 control in DVD mode.

SimpleSound is what is called a 'Punch Through' feature and is not limited to volume control. It can also be applied to Channel Control, Transport Control, and OSD Control.

Keypad Layout & Button Functions



Programming AVEX R6 using Pre-Programmed Codes

There are three ways you can program your AVEX R6 using the component brand codes that are pre-programmed into the remote.

- Quick Set-Up Method
- Three-Digit Code Entry Method
- Auto-Search Method

The Quick Set-Up Method is a unique new feature that enables the fastest and easiest set-up by using one-digit codes for up to 10 major brands for each component. The Three-Digit Code Entry Method allows you to set-up the AVEX R6 using 3-digit codes for component brand names. It is also a fast and easy way to program the remote. The Auto-Search Method scans through all the brands in the remote control, one at a time. It should be used when either the Quick Set-Up or Three-Digit Code Entry Methods do not work.

* * *

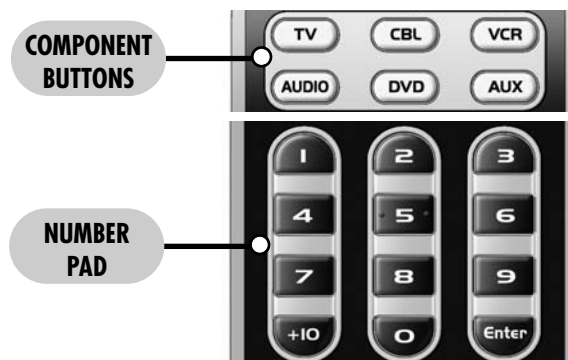
Quick Set-Up Method

STEP 1: Manually or using your old remote, turn on the component you want to program—for example, to program your TV, turn on your TV set.

STEP 2: Point the AVEX R6 toward the component that you want to program (in this case the TV set) and press the component button (in this case the TV button). While keeping the component button pressed, press 1~0, in sequence, using the Number Pad. When the correct number is selected, the remote will send a POWER OFF command and the component will turn off. For example, the Sony Power Code is sent if you press the Number "1" button.

STEP 3: Release the component button to save the code. The component LED light will blink three times to confirm that the code has been stored.

Repeat the above three steps for other components.



Three-Digit Code Set-Up Method

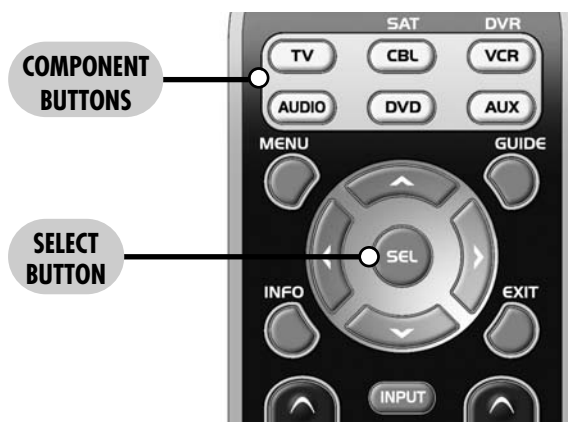
STEP 1: Find the 3-digit code numbers assigned to your brand from the lists in the back of this manual. The codes are listed by component category (i.e., TV, VCR, DVD, etc.), then by brand name. For instance, if you would like to locate a code for a Sony television, first locate the TV category and then look for the Sony brand.

STEP 2: Once you have located the 3-digit codes for each of the components that you wish to operate with your AVEX R6, write them ALL down on a piece of paper. It's important that you write down all the codes listed for your brand because only one code is going to work with your component.

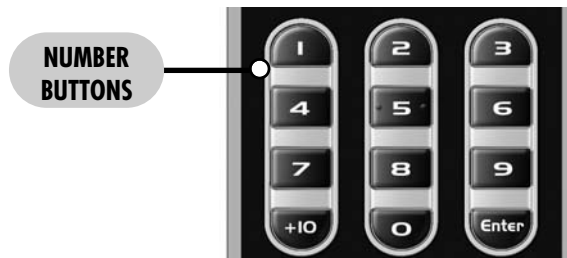
STEP 3: Manually or using your old remote, turn on the component you want to program—for example, to program your TV turn on your TV set.

STEP 4: On the AVEX R6, press the Component button that you want to program (in this case the button that says TV) and the SELECT [SEL] button at the same time. Hold down both buttons for 2 seconds until the TV Component LED light turns on. This signals that you are in programming mode.

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.



STEP 5: Point the AVEX R6 toward the component (in this example the TV) and punch in the first 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.



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, enter the next code number from your list until it does turn off.

STEP 6: Once you've entered the code number and the component has turned off, press the POWER button on the AVEX R6 remote to turn the component back on.

Next test the VOLUME and CHANNEL buttons (or PLAY and STOP buttons for VCR and DVD) to make sure they all work. For example, perhaps your Sony TV turned off with code number 147, but the volume controls did not work properly. In this case, try the next code number listed for that component. Repeat Step 5 using the next code number until you find a perfect match.

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

Program the remaining components by repeating steps 3 through 7.

IMPORTANT: If you have tried all the set-up codes in the list and the component still did not turn off after Step 5, either the Auto-Search Method (page 12) or the Learning Method (page 14) will help you program.

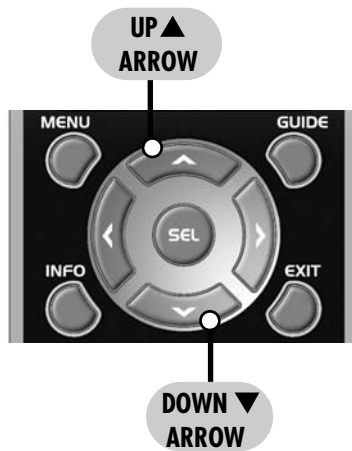
Auto-Search Method

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

STEP 1: Manually or using your old remote, turn on the component you want to program—for example, to program your TV, turn on your TV set.

STEP 2: On the AVEX R6, press the Component button that you want to program (in this case the button that says TV) and the SELECT [SEL] button at the same time. Hold down both buttons for 2 seconds until the TV Component button light turns on. This signals that you are in programming mode.

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.



STEP 3: Point the AVEX R6 remote control toward the component and press the UP ▲ arrow (or DOWN ▼ arrow) button once. Each time the UP or DOWN arrow button is pressed, the code will count up (or down) one code number and send a Power OFF signal. When the correct code is sent out, the component will turn off.

STEP 4: Once you have found the right code number and the component has turned off, press the POWER button on the AVEX R6 remote to turn the component back on.

Next 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. Continue pressing the UP (or DOWN) arrow button until you find a new code that turns off the component and makes the VOLUME or PLAY buttons respond correctly.

STEP 5: Once you have found the right code, you must save it. Press the component button you just programmed (in this case TV) one more time to save the code number. The component LED light will blink three times to confirm that the code was successfully stored. Now when you press the TV component button, all of the buttons will work with your TV.

Repeat the above five steps for other components.

NOTE: Use this method for those components you cannot program with either the Quick Set-Up or 3-digit Code Entry Methods.

IMPORTANT: If you cannot find the right code after 5 minutes of trying the Auto-Search Method, try the Learning Method (page 14).

**PLEASE DO NOT RETURN
THIS PRODUCT TO THE STORE**

PLEASE CONTACT OUR TECHNICAL
SUPPORT CENTER . IF YOU NEED ASSISTANCE

E-MAIL techsupport@UniversalRemote.com or dial
1-800-901-0800 (9:00AM - 6:00PM EST)



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Programming AVEX R6 using the Learning Method

STEP 1: Line up the AVEX R6 to the remote control you want to 'learn' from, head-to-head as shown below. Make sure the heads are one to two inches apart.



STEP 2: On the AVEX R6, press the Component button that you want to program (in this case the button that says TV) and the SELECT [SEL] button at the same time. Hold down both buttons for 2 seconds until the TV Component button light turns on. This signals that you are in programming mode.

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.

STEP 3: Press any button on the AVEX R6 that you want to teach a command to. For example, if you want to teach the MUTE button on the AVEX R6 the TV Mute command from the other remote, first press the MUTE button on the AVEX R6 and the TV component button LED light will blink once indicating that the AVEX R6 is ready to learn the command.

STEP 4: Press and hold the MUTE button on the other remote until the component button LED on the AVEX R6 blinks twice. Now you can continue learning all other buttons from your old remote by pressing the next button on the AVEX R6 and repeating this step.

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

STEP 5: Once the AVEX R6 has learned all the buttons in the selected component mode, press and hold the Component button and SELECT [SEL] buttons at the same time to save the learned functions. The component LED light will blink three times to confirm the programming. Now test all the buttons to make sure they learned correctly.

Repeat Steps 1-5 to program any other component modes.

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 the 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

Here are some additional facts regarding the Learning process:

- Learned functions override any existing pre-programmed functions on the remote control
- 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 to be erased

AUX Function: Programming a 6th Component

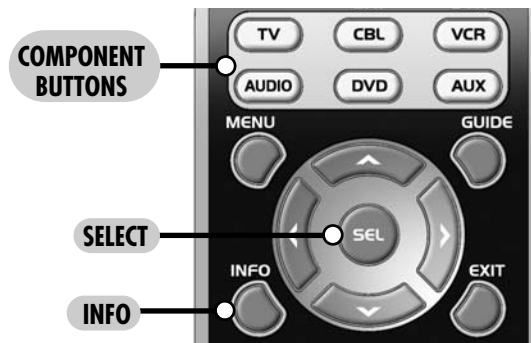
After you've finished programming the AVEX R6 for five primary components and you did not use AUX, you can take advantage of the AUX function to program a 6th component, such as a second TV, DVD, or any other audio/video component that you may have in your system.

Finding a Component's Set-up Code Number

If you used the Auto-Search or Learning Methods to program a component, you may not know the code number you programmed. 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 the component button you would like to verify and the SELECT [SEL] button at the same time for 2 seconds until the selected component LED light turns on.

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.



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. Next it will pause for about one second and begin blinking again to indicate the number of the second digit. Then once again it will pause, then blink, to indicate the number of the third digit.

Example: One blink, pause, eight blinks, pause, three blinks indicates code number 183.

Note that ten (10) blinks represent the number 0.

Programming Special Advanced Features

Programming Multi-Commands to Macro Buttons

The AVEX R6 has six Macro buttons (POWER, SYSTEM OFF, A, B, C, D) that are designed to store up to 20 commands in each button. Pressing any one of the Macro buttons will send out the series of commands that are stored in that particular button.

MacroPower™ Total System On/Off

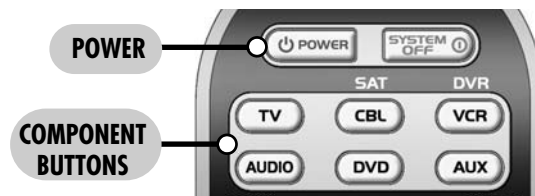
MacroPower makes several devices work together by pressing one button. Imagine the convenience of turning on your TV, your DVD player and your Surround Sound receiver by pressing a single button on your AVEX R6. What could normally take three remotes and three button pushes, the AVEX R6 can accomplish 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 it up, follow these easy steps:

STEP 1: To program MacroPower commands for the Power ON button, press the POWER button and the MUTE button at the same time for 2 seconds until one of the component button LED lights turns on.



IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.

STEP 2: Press the component button you want to turn on and then the POWER button; repeat for all other components in the order you want them to turn on. The component LED lights will blink once each time you press the POWER button.



STEP 3: Once you've entered all the Power On commands, press the CHANNEL UP ▲ button to save your MacroPower commands. The component LED lights will blink three times to confirm that the programming has been successfully saved.



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 POWER 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.

Notes regarding programming multi-commands to Macro buttons:

- You can program up to 20 commands on each Macro button.
- You can program delays in between commands by pressing the PAUSE button. Each press adds a one-half second delay.
- Also, if you add the delay time as the first step of Macro commands, the remote will not send the Macro unless the button is held for two seconds. (This is the Press & Hold Function).
- You can also program macro commands in 'layers' by pressing the STOP button in between commands. (For example, if you press CBL, 009, STOP, 035, STOP, 365, STOP and the CH+ button in Step 2) the remote will send out 009 at the first press of the 'A' button, and then send out 035 at the second press, etc..
- You cannot program the CH+ or PAUSE buttons as macro commands.

Programming 'My Favorites' - Favorite Channel Buttons

In Cable mode, the A, B, C, D buttons are also designed to serve as dedicated Favorite Channel buttons. Each button will access one of your favorite channels with just one button press. Here's how to program Favorite Channels:

STEP 1: Press the CBL button to select the Cable mode.

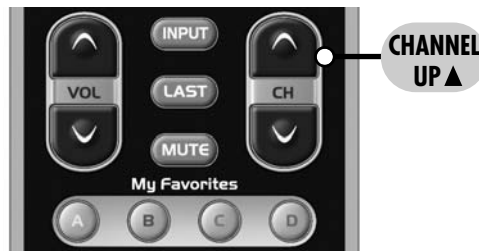
STEP 2: Press the 'A', 'B', 'C' or 'D' button and the MUTE button at the same time for 2 seconds until the CBL component LED turns on.

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.



STEP 3: Using the Number Pad, punch in the Channel number of the Favorite Channel that you want to store in the Macro button. The Cable component LED light will blink once for each button pressed.

STEP 4: Press the CHANNEL UP button to store the commands entered. The CBL component LED will blink three times to confirm the programming.



SimpleSound™ Total System Volume Control

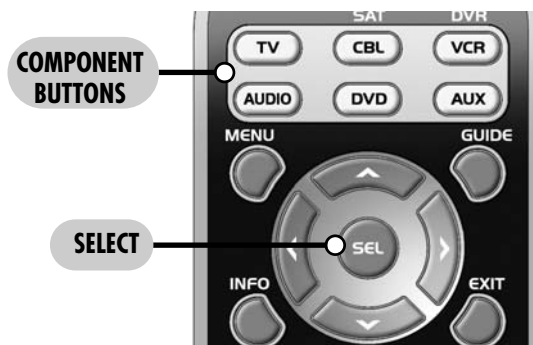
SimpleSound is one of the most exciting features of the AVEX R6. It gives you total volume control over ALL the components in your system, even those that do not have built-in volume control, such as TIVO, DVD and VCR. SimpleSound saves you the hassle and inconvenience of constantly switching between component modes just to control volume.

First you should identify which device in your system will be used to deliver sound. In a basic system, the sound may come from your TV speaker. In a more advanced system, the sound may come from your audio components (such as a Surround Sound Receiver or Home Theatre system).

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

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

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.



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



Repeat Steps 1-2 for all other components.

Note: SimpleSound is what's technically referred to as 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 component mode frequently to access a particular control, consider using Punch Through.

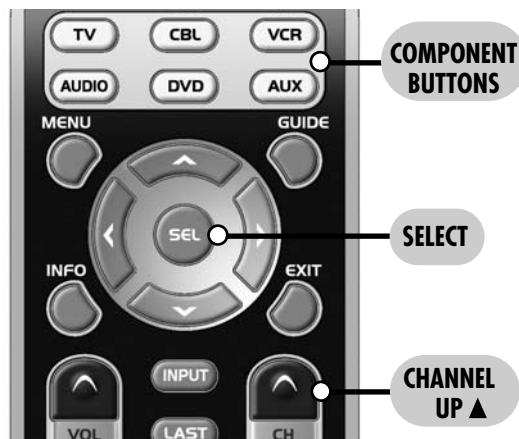
Channel Control 'Punch Through'

This 'punch through' enables you to program the AVEX R6 so that either the Cable or TV Channel Controls (CHANNEL UP, DOWN, LAST, CHANNEL NUMBERS 0-9, +10 and ENTER) will also operate in other component modes on the remote control.

STEP 1: Press and hold the component button you want to add channel control to, such as DVD or VCR, and the SELECT [SEL] button at the same time for two seconds until the Component LED light turns on.

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.

STEP 2: Press the CHANNEL UP button. The component LED light will blink once.



STEP 3: Press either the TV or CBL button that you want to use as the source of channel control. The component LED will blink three times to confirm it is saved.

Transport Control 'Punch Through'

This 'punch through' enables you to program the AVEX R6 so that VCR or DVD Transport Controls (PLAY, STOP, FF, REW, PAUSE, SKIP and RECORD) will also operate in other component modes on the remote control.

STEP 1: Press and hold the component button you want to add Transport Control to, such as CBL or TV, and the SELECT [SEL] button at the same time for two seconds until the Component LED light turns on.

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.

STEP 2: Press the PLAY button. The component LED light will blink once.



STEP 3: Press either the DVD or VCR button that you want to use as the source of Transport Control. The component LED will blink three times to confirm it is saved.

OSD (On-Screen Display) Control 'Punch Through'

This 'punch through' enables you to program the AVEX R6 so that CBL or DVD OSD Controls (MENU, GUIDE, INFO, EXIT, SEL and 4 Cursor Controls) will also operate in other component modes on the remote control.

STEP 1: Press and hold the component button you want to add OSD Control to, such as TV or VCR, and the SELECT [SEL] button at the same time for two seconds until the Component LED light turns on.

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.

STEP 2: Press the MENU button. The component LED will blink once.



STEP 3: Press either the CBL or DVD button that you want to use as the source of OSD Control. The component LED will blink three times to confirm it is saved.

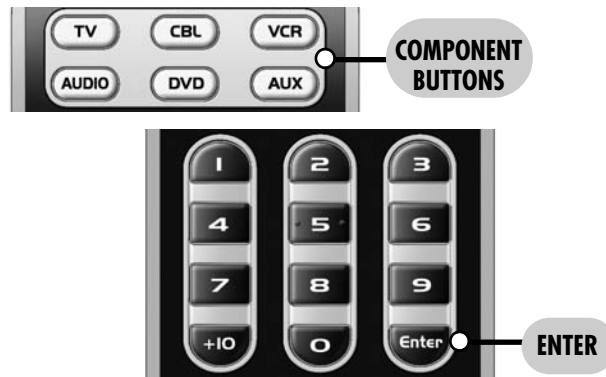
Erasing Commands -- Overview

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.

Erasing a Single Learned Command from One Component

STEP 1: Press the component button where the learned command is stored and the ENTER buttons at the same time for two seconds until the component LED light turns on.

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.



STEP 2: Press and hold the button you want to erase for two 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 mode.

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

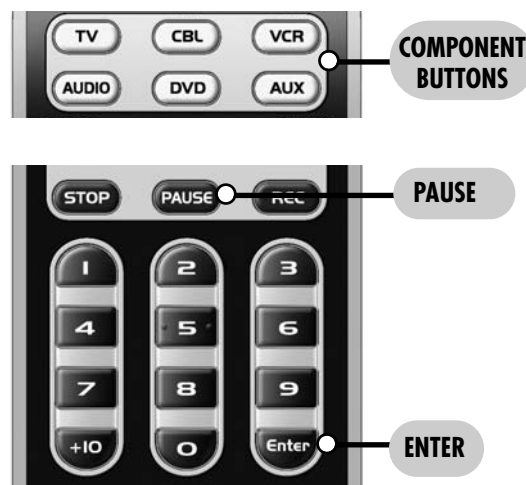
Erasing All Learned Commands from One Component

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 the component button where all the learned commands are stored and the ENTER button at the same time for 2 seconds until the component LED turns on.

IMPORTANT: You have 30 seconds to perform the next step while you are in programming mode. If you do not press a button within 30 seconds, the component LED light will turn off. The remote will exit the programming mode and you will have to start over.

STEP 2: Press and hold both the component button you want to erase and the PAUSE button at the same time for two seconds, until the component LED light blinks twice to confirm the erasure.



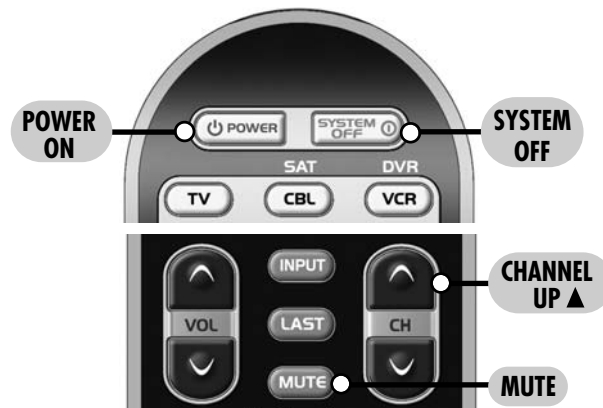
STEP 3: To exit Erase mode, press and hold both the component button and the ENTER (ENT) button at the same time until the component LED light blinks three times.

Erasing MacroPower & Other Macro Commands

STEP 1: To erase 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 two seconds until the current status component LED turns on.

IMPORTANT: If you don't proceed to the next step within 30 seconds, the LED will turn off and exit set-up mode and you will need to start over.)

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

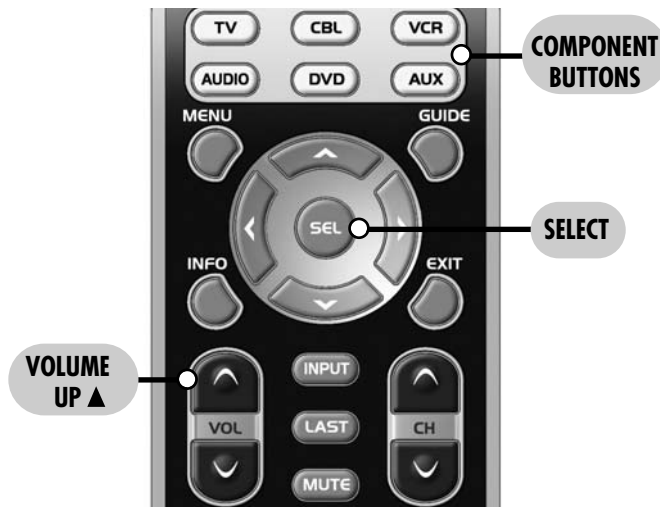


NOTE: To erase other Macros, simply press the appropriate button in Step 1 in combination with the MUTE button.

Erasing SimpleSound & Other 'Punch Through' 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 two 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.

NOTE: To erase other 'punch through' commands, simply press the following buttons in place of VOLUME UP in Step 2:

- For Channel Control, press: CHANNEL UP
- For Transport Control, press: PLAY
- For OSD Control, press: MENU

Factory Reset

You can reset your AVEX R6 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 programming and set-up codes that you have entered into the remote will be erased and the AVEX R6 will return to the original factory default settings.

Warning

This procedure will erase all programming and set-up codes that you have entered into the remote.



Pre-Programmed Code Tables

The AVEX R6 Pre-Programmed code library is classified by category (TV, VCR, DVD, etc.).

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.

Circle the correct row and refer to it while you perform setup operations.

CABLE/SAT	Cable Set top boxes and satellite receivers	32
TV	TVs, Plasmas, Projectors and Monitors	33-34
DVR/VCR	VCRs, DVRs & Combo Units	35-36
DVD	DVD Players and Recorders	37
AUDIO	Amps, Preamps and A/V Receivers	38
AUX	iPod, Media PC, Gaming System, Lighting Controls	39

CABLE/SAT

Brand Code Numbers

CABLE Boxes		SAMSUNG	163 169 175
ABC	004 042	SONY	115
ADELPHIA	043 110	STAR CHOICE	148
ADVANCED NEWHOUSE	043	TOSHIBA	127 114
ALTRIO	043	VOOM	148
AMERICAST	099		
ARMSTONG	110		
AT&T BROADBAND	110		
ATLANTIC BROADBAND	043 110		
BELL SOUTH	099		
BLUE RIDGE	043 110		
BRESNAN	110		
BRIGHT HOUSE	043 110		
BUCKEYE COMM	110		
CABLEVISION	043 110 108		
CHARTER	043 110		
COGECO	110		
COMCAST	043 110		
COMSAT	110		
COX DIGITAL	043 110		
DIRECTOR	110		
EAGLE	030		
GENERAL INSTRUMENT	110 004		
GNC	099		
GOLDEN CHANNEL	030		
INSIGHT	110		
JERROLD	110 004		
MASSILLON	110		
MEDIACOM	110		
MOTOROLA	110 148 111		
MOXI	111		
NCTC	110		
OAK	031		
PACE	043 110		
PANASONIC	044 047		
PHILIPS	085		
PIONEER	043 034 105		
RCA	047		
RCN	110		
RODGERS	043		
SAMSUNG	030		
SCIENTIFIC ATLANTA	001 042		
SEREN	043		
SERVICE ELECTRIC	110		
SHAW	110		
SIGECOM	043		
SONY	108		
SPRUCER	047		
STARCOM	004		
STARGATE	030		
SUSQUEHANNA	043 110		
TIME WARNER	043 110		
TORX	004		
UNITED CABLE	004		
VIDEOTRON	043		
WIDE OPEN WEST	043 099		
SATELLITE Receivers			
CABLEVISION	148		
DIRECTV	173		
DISH	122		
ECHOSTAR	122		
EXPRESSVU	122		
GE	116		
GENERAL INSTRUMENT	148		
GOI	122		
HITACHI	114		
HTS	122		
HUGHES	114		
JVC	122		
LG	170		
MITSUBISHI	114		
NEXT LEVEL	148		
PANASONIC	142		
PHILIPS	006 156 114		
PROSCAN	116		
RADIOSHACK	148		
RCA	116		

TV

Brand Code Numbers

ABEX	025	INFINITY	164
ADMIRAL	072 251 333	INFOCUS	333 330
ADVENT	247	INTEQ	073
ADVENTURA	002	INSIGNIA	350 399 400 052 164 403
AIKO	103	JANEIL	002
ALERON	028	JBL	164
AKAI	116 146 248 281 404 405	JCB	001
A MARK	112 143	JCPENNEY	363 024 116 008 009 030 065 258 143 333
AMERICA ACTION	043	JENSEN	013
AMPRO	073	JVC	038 034 001 083 199 210
AMSTRAD	052	KAWASHO	116 001
ANAM	043 054 056 080 112	KEC	043
AOC	116 363 112 058	KENWOOD	116 001
APEX DIGITAL	006	KLOSS	002 059
AUDIOVOX	076	KLOSS NOVABEAM	002
BELCOR	116	KMC	143
BELL&HOWELL	333 072	KTV	043 116 143 154
BRADFORD	043	KURAZAI	072
BROKSONIC	238	LG	363 113 116 102 363 106 112 127 143
BROCKWOOD	116	LODGENET	072
CANDLE	116 002 003 363	LOEWE	164
CAPEHART	058	LOGIK	072
CELEBRITY	001	LUXMAN	363
CENTURION	116	LXI	166 007 138 052 251 333 164
CETRONIC	043	MAGNAVOX	164 059 116 003 060 061 363 127 022 333 094 226 390
CITIZEN	116 002 003 363 043 258 103 143	MAJESTIC	333 072
CLARION	043	MARANTZ	116 164
CLASSIC	043	MATSUI	164
CLP CLASSIC	333	MATSUSHITA	080
COLORTYME	116	MAXENT	242
CONCIERGE	073	MEGATRON	116 011
CONCERTO	363	MEMOREX	007 072 363
CONTEC	043 050 051	MGA	116 363 024 028 042
CORNEA	116	MIDLAND	333 073
CORONADO	143	MINTEK	282 362
CRAIG	043 054	MINUTZ	008
CROSLEY	164	MITSUBISHI	124 109 024 363 028 040 042 146
CROWN	043 143	MONTGOMERY WARD	333 072
CURTIS MATHES	116 258 363 143	MOTOROLA	081
CXC	043	MTC	116 363 258
DAEWOO	363 016 043 044 076 103 114 125 127 143	MULTITECH	043
DAYTRON	363 143	NAD	138 025
DELL	320 164 363	NEC	272 132 134 116 040 016 024 056 019 262
DIMENSIA	333	NET TV	242
DUKANE	011 025	NIKEI	043
DUMONT	116 073	NIKKO	116
DURABRAND	096	NTC	103
DWIN	257	NUVISION	351
DYNASTY	043	ONKING	043
EIKI	187	ONWA	043
ELECTROBAND	001	OPTIMUS	025
ELECTROHOME	143 024 076 196	OPTONICA	019 251
ELEKTRA	072	OPTOMA	265
EMERSON	028 048 043 155 005 116 363 047 050 051 076 096 143 153 154	ORION	096
ENVISION	116	PANASONIC	080 034 056 164 208
ESA	323	PHILCO	116 003 059 060 164 363 024 056
FISHER	007 057	PHILIPS	164 005 093 038 116 003 363 059 127 206
FUJITSU	246 198	PILOT	116
FUNAI	028 043 052	PIONEER	234 025 018 023 116 272 393
FUTURETECH	043	POLAROID	388
GATEWAY	242 268	PORTLAND	363 143
GE	073 116 008 009 034 056 074 155 333 363	PRISM	034
GEM	391	PROSCAN	333
GIBRALTAR	116 073	PROTON	363 112 058 143 171 172
GOLDSTAR	113 116 102 004 106 112 127 143	PROTRON	392 398
GRUNPY	028 043	PULSAR	116 073
HALL MARK	363	QUASAR	034 056
HARLEY DAVIDSON	028	RADIO SHACK	019 363 143 043 127
HARVARD	043	RCA	333 065 116 363 024 056 152 023 074
HAVERMY	081	REALISTIC	007 019 043 047
HELLO KITTY	076	RUNCO	072 182 073 395 416
HIMITSU	043	SAMPO	116 058 363 242
HISENSE	419	SAMSUNG	258 050 089 105 363 127 143 333 228 229
HITACHI	011 166 363 009 010 012 023 075 143 158 072	SAMSUX	116
HP	378 316 327	SANSEI	076
		SANSUI	096
		SANYO	166 007 020 053 057 082 18

TV

Brand Code Numbers

SCEPTRE	276
SCOTCH	116
SCOTT	028 043 363 048 143
SEARS	138 030 363 007 028 057 143 094 333 082 166
SELECO	205 011
SHARP	251 019 014 028 029 363 022 143 175
SHENG CHIA	081
SHOGUN	116
SIGNATURE	072
SIMPSON	003
SONY	001
SOUNDESIGN	028 363 003 043
SPECTRICON	112
SQUAREVIEW	052
STARLITE	043
SSS	363 043
SUPRA	116
SUPRE MACY	002
SUPREME	001
SVA	328
SYLVANIA	116 003 052 059 060 164 044 333 127
SYNTAX OLEVIA	333 363
TANDY	251
TATUNG	056
TECHNICS	034 080
TECHNOL ACE	028
TECHWOOD	363
TEKNIKA	002 003 363 024 028 043 072 258 143
TELEFUNKEN	037 046
TELERENT	072
TERA	172
TMK	363
TNCI	073
TOSHIBA	138 030 007 040 258 325
TOTEVISION	143
TYS	096
UNIVERSAL	008 009
VICTOR	038
VIDEO CONCEPTS	146
VIDIKRON	174 164 188 192
VIDTECH	363
VIEWSONIC	242 389
VIKING	002
VIZIO	386 387
WARDS	363 008 009 019 028 060 061 072 074 143 164 034
WAYCON	015
WESTINGHOUSE	076 276
YAMAHA	116 363
YORK	363
YUPITERU	043
ZENITH	363 073 072 095 103
ZONDA	112

DVR/VCR

Brand Code Numbers

ADMIRAL	025 053	ORION	025
ADVENTURA	034	PANASONIC	167 070 145 163PENTAX 013 145
AIKO	117	PHILCO	45 034 067
AIWA	034 161	PHILIPS	067 145 034 101 071
AKAI	016 146 043 124 125	PILOT	101
AMERICA ACTION	117	PIONEER	021 013 048
AMERICAN HIGH	031	PORTLAND	108
AMPRO	072	PROFITRONIC	040
ANAM	145	PROTEC	024
ASHA	040	PULSAR	072
AUDIO DYNAMICS	012 023 039 043	QUARTZ	002
AUDIOVOX	101	RADIO SHACK	123
BEAUMARK	040	RADIX	101
BROOKSONIC	035 037 129	RANDEX	101
CALIX	101	RCA	144 147 145 013 034 102
CANON	028 145	REALISTIC	003 008 010 145 034 102 053 101
CAPEHART	108	RICO	058
CCE	024 117	RUNCO	148
CITIZEN	101 117	SAMSUNG	115 102 113 112 144 147 125
COLT	024	SANKY	053
CRAIG	003 102 135	SANSUI	022 043 048 135
CURTIS MATHES	145	SANYO	003 010 102
CYBERNEX	040	SCOTT	017 037 112 129 131
DAEWOO	111 116 117 005 010 108 110 112	SEARS	003 008 010 013 101 009 017 073 112
DAYTRON	108	SHARP	149 145 165
DBX	012 023 039 043	SHINTOM	024
DYNATECH	034 053	SHOGUN	040
ELECTROHOME	059	SIGNATURE	034
ELECTROPHONIC	101	SINGER	024
EMERSON	006 029 035 017 025 027 145 034 036 037 101 129 131 153 162 116	SONY	056 057 058 003 145 149 154
FISHER	003 010 008 009	SOUNDESIGN	034
FUJI	031	STS	013
FUNAI	034	SYLVANIA	145 034 059 067
GARRARD	034	SYMPHONIC	034
GE	145 072 147 144	TANDY	010 034
GO VIDEO	132 136 155 102 115	TATUNG	039 043
GOLDSTAR	101 114 013 012 123	TEAC	034 039 043
GRADIENTE	034	TECHNICS	145 070
HARLEY DAVIDSON	034	TEKNIKA	145 019 034 101
HARMAN KARDON	012	THOMAS	034
HARWOOD	024	TMK	006
HITACHI	013 026 150 034 043 160	TOSHIBA	112 131 008 059 013
HQ	034	TOTEVISION	102 101
INSTANTREPLAY	145	UNITECH	102
JCL	145	VECTOR RESEARCH	012
JCPENNEY	012 013 015 102 101	VICTOR	048
JENSEN	043	VIDEO CONCEPTS	012 034
JVC	048 043 130 150 012 145	VIDEOSONIC	102
KEC	101	VILLAIN	034
KENWOOD	048 034	WARDS	003 013 017 024 145 034 102 053 131
KLH	024	WESTINGHOUSE	024 025
KODAK	145 101	XR-1000	024 145 034
LG	101 114 013 012 123	YAMAHA	012 034 039 043
LLOYD	034	ZENITH	072 048 101 034 058
LOGIK	024		
LXI	034 003 009 017	TV/VCR Combos	
MAGIN	102	AMERICA ACTION	117
MAGNAVOX	067 145 034 164	DAEWOO	005 117
MARANTZ	067 012 145	EMERSON	153
MARTA	101	FUNAI	034
MATSUI	027 030	GOLDSTAR	101 123
MATSUSHITA	145	HARLEY DAVIDSON	034
MEI	145	HITACHI	034
MEMOREX	101 003 010 145 034 053 072 102 139	JCPENNEY	101
MGN TECHNOLOGY	040	LG	101 123
MINOLTA	013	LLOYD	034
MITSUBISHI	059 061 151 013 051	MAGNAVOX	034 067
MOTOROLA	145 053	MEMOREX	101
MTC	034 102	PANASONIC	070 167
MULTITECH	024 034	PHILIPS	034 067 145
NEC	012 023 039 043 048	RADIO SHACK	123
NIKKO	101	RCA	034 144
NOBLEX	040	SAMSUNG	102
NORDMENDE	043	SEARS	101
OLYMPUS	031	SONY	057 154 058
OPTIMUS	101	SYLVANIA	067
OPTONICA	053	SYMPHONIC	034
		THOMAS	034
		ZENITH	034

DVR/VCR

Brand Code Numbers

DVR Receivers

HUGHES	001
HUMAX	001
PHILIPS	001
RCA	809
REPLAY NETWORKS	775
SONY	804 805
TIVO	001
TOSHIBA	001

DVD

Brand Code Numbers

AIWA	146
AKAI	281
ALLEGRO	091
ALPINE	098
APEX DIGITAL	087 111 115
BLAUPUNKT	111
BROKSONIC	130
CINEVISION	091
COBY	260
CYBERHOME	271
DENON	173 138 080
DURABRAND	091
DVD 2000	017
EMERSON	091 143
ENTERPRISE	074
FISHER	147
FUNAI	143
GE	027
GOLDSTAR	091
GO VIDEO	137 091 220 221 222
GREENHILL	111
HARMAN KARDON	084 140
HITACHI	101
HITEKER	087
ILO	268
INITIAL	111
INTEGRA	142 180 280
JBL	084
JVC	012
KENWOOD	151
KISS	279
KLH	135
KRELL	104
LITEON	264 265
LEXICON	148
LG	091 057 074
MAGNAVOX	001 096
MARANTZ	001 095
MALATA	267
MERIDIAN	153
MICROSOFT	027 206
MINTEK	111 282
MITSUBISHI	017
MYRYAD	102 134
NAD	088
NAKAMICHI	103
NESA	111
ONKYO	076 035 180
OPTIMUS	023
OPPO	266
ORION	130
PANASONIC	138 144 150
PHILIPS	001 095
PHILIPS MAGNAVOX	035 001
PIONEER	023 131
POLAROID	233
POLK AUDIO	035 001
PROSCAN	027
RCA	027
RIO	091
RJTECH	269
SAMSUNG	170 165 137 159
SANSUI	154
SANYO	147
SEARS	130
SENSORY SCIENCE	222
SHARP	094
SHINSONIC	033
SONIC BLUE	091
SONY	002 033 145 191
SYLVANIA	143
SYMPHONIC	143
TATUNG	102
TEAC	023 270
TECHNICS	138
TECHWOOD	088
THETA DIGITAL	023
THOMPSON	027
TOSHIBA	035 130 141 164 188
YAMAHA	138 089 001 197
ZENITH	057 074 091

DVD Recorders	
GO VIDEO	220 221 222
CYBERHOME	271
ILO	268
KISS	279
LITEON	265
PANASONIC	138
SENSORY SCIENCE	222
SONY	191
TOSHIBA	188 273

TV/DVD Combos	
AKAI	281
AIWA	146
FUNAI	143
MINTEK	282
SAMSUNG	165
SYLVANIA	143
SYMPHONIC	143
TOSHIBA	130

TV/DVD/VCR Combos	
BRAND	CODE NUMBERS
MAGNAVOX	143
PANASONIC	144
SYLVANIA	143
TOSHIBA	164

DVD/VCR Combos	
GO VIDEO	137
PANASONIC	150
PHILIPS	001 (VCR Functions for VCR 067)
SAMSUNG	137 159
SANSUI	154
SONY	145
TOSHIBA	141
ZENITH	091 (VCR Functions for VCR101)

AUDIO

Brand Code Numbers

ADCOM	082 092 225 161 269 356	THETA DIGITAL	136
AIWA	170 018 104 202 203 213 211 188	TOSHIBA	060 087 198 278
AKAI	189	XM SATELLITE RADIO	515
ANTHEM	335 337	YAMAHA	205 026 253 169 067 173 264 232
ARCAM	141 077		089 274
ATLANTIC TECHNOLOGY	342	ZENITH	143 210
AUDIO FILE	071		
B & K	096 097	SATELLITE Radios	
BOSE	409 460 347 070 170 224	DELPHI	515
BOSTON ACOUSTICS	447	KENWOOD	550
CARVER	006 028 061 071 201 214 226 185 013 077 284	POLKAUDIO	515
CITATION	148	SIRIUS	555
CLARION	026	SONY	380
DELPHI	515	XM SATELLITE RADIO	515
DENON	001 109 215 230 234 330		
ELAN	057 290		
ENLIGHTENED AUDIO	099 098		
ESCIENT	451		
FISHER	214 182		
FLEXTRONICS	378		
FOSGATE AUDIONICS	148 342		
GOLDSTAR	008		
HARMAN KARDON	148 233 077 154 118 318		
HITACHI	020		
INSIGNIA	589		
INTEGRA	275 017 046 108 080 209		
JAMO	398		
JCPENNEY	216		
JVC	163 191 114 279 291		
KENWOOD	026 066 145 192 182 005 280 374		
KLH	331		
KOSS	216 573		
KRELL	072 384		
LEXICON	357 360 120 235 236 237		
LINN	124 377		
LUXMAN	009 139 052 165 115 004		
MAGNAVOX	086 164 152 208		
MARANTZ	006 028 031 040 063 185 186 265 289 492		
MCINTOSH	238 286		
MERIDIAN	100 012 013		
MITSUBISHI	242 204		
MONDIAL	157 158 042 043 081 112		
MYRYAD	077		
NAD	186 113		
NAKAMICHI	040 244 245 172 183 287		
NEC	176		
NIRO	343		
NILES	403		
ONKYO	275 017 046 108 080 209		
OPTIMUS	026 041		
OUTLAW	342		
PANASONIC	032 195 219 177 292		
PARASOUND	129 130 132 261 294 295 333 334		
PHILIPS	249 250 063		
PIONEER	480 014 039 044 069 168 116 035 078 198		
POLKAUDIO	515		
PROCEED	144 268		
RCA	010 048 117 156 067 288		
REALISTIC	019 073 075 095		
ROTEL	083 074 085		
SAMSUNG	016		
SANSUI	040 048 110 063 065 228		
SANYO	214		
SCOTT	019		
SHARP	026 094 175		
SHERWOOD	024 102 106 447		
SIRIUS	555		
SONY	002 018 247 248 166 101 184 218 271 380		
SOUNDESIGN	036		
SUNFIRE	344 345 182		
TEAC	005 019 049 040 212 217		
TECHNICS	122 176 193 219 178 177 200 257 262		

AUX

Brand Code Numbers

iPod Controls

APPLE / iPod	901 912
BOSE	909
KENSINGTON	906

MEDIA PC Controls

DELL	001
GATEWAY	001
HP	001
KEYSPAN	797
SONY	001
TOSHIBA	001
WINBOOK	001

GAMING SYSTEM Controls

MICROSOFT / XBOX	908 607
SONY/PS2	914

LIGHTING Controls

LITE-TOUCH	708 757
LUTRON	658 659 577
X-10	683 593
XANTECH	688 689

Frequently Asked Questions

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

No. The AVEX R6 stores all of your settings in non-volatile FLASH memory. You could remove the batteries for months, replace them at your convenience, and the AVEX R6 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, refer to page 17 in this Manual.

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

Replace the batteries with new Alkaline batteries.

Who can I contact for more answers?

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

E-Mail us at techsupport@universalremote.com

Visit our website www.universalremote.com

**Call us at (914)-835-4484 Monday - Friday,
9AM to 6PM (EST) USA Limited Warranty**

USA Limited Warranty

UNIVERSAL REMOTE CONTROL, INC. warrants this product against defects in material or workmanship for a period of one (1) year and as set forth below. Universal Remote Control will, at its sole option, repair the product using new or comparable rebuilt parts, or exchange the product for a comparable new or rebuilt product.

This warranty does apply to the following:

- Units purchased from unauthorized resellers.
- Units purchased second-hand (used).
- Units installed or deployed for rental or commercial use.
- Damage caused by 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

IR frequencies (15kHz to 100kHz)

Macro Capability

6 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 AAA Alkaline batteries included

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