

APPENDIX I  
: USER'S MANUAL

**omega**  
MX-650



Owner's  
Manual

 **Universal Remote Control**

## Thank You!

*Thank you for purchasing the Omega™ Pre-Programmed and Learning Remote Control. This manual is designed to assist you step-by-step as you setup the Omega to replace all of your remote controls and automate your home entertainment system.*

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## The Omega

### Getting Started

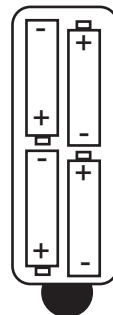
#### Congratulations!

You've purchased one of the most advanced and easy to setup control systems available. The Omega's built-in library includes thousands of different brands and models of remote controls. In most systems, all you have to do to setup the Omega is enter which brands and models you own. If you own a component too new to be in the library, the Omega uses advanced learning technology to quickly set each Omega button, one at a time. Setting up your Omega to replace all your existing remote controls can be done in a few minutes. Basic Setup is described on pages 5 to 13.

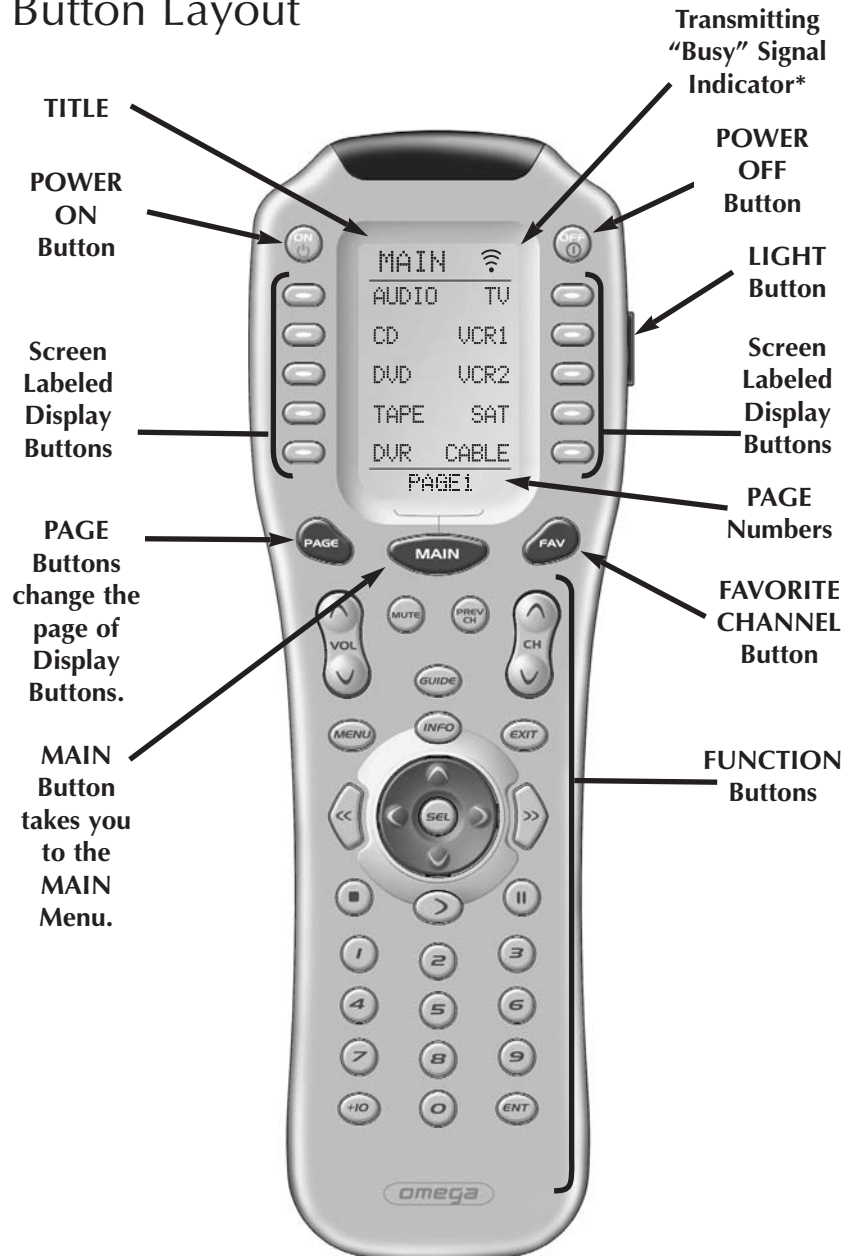
The Omega's exciting advanced features automate and customize operation in many ways. You could use Macro Setup to power on all of your components and start the show with the press of one button! With the Omega's unique Favorite Channel capability, you can tune in a channel with the press of one button instead of entering the entire channel number. Any of the button names on the display can be edited as you like. It is best to delay any Advanced Setup (described on pages 14 to 36) until after you finish Basic Setup.

#### Battery Installation

Remove the battery compartment cover by pressing up the cover lock. Insert four AAA batteries into the battery compartment as shown in the diagram.



## Button Layout



\*Note: When a command, macro or favorite channel is being transmitted, an icon will appear in the top right corner of the display. While the Omega is "busy", it will ignore a button push.

## The Omega

### Selecting a New DEVICE Changes All Button Commands Instantly

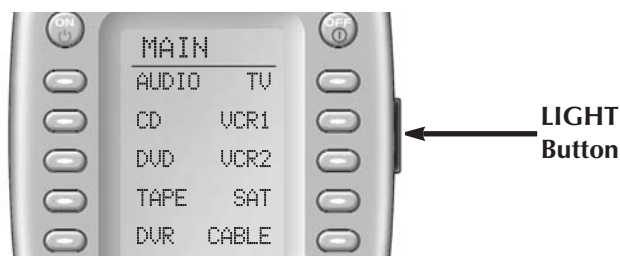
The Omega can operate twenty different devices even though it is only one remote control. Let's try it now! Press the MAIN button, then press the TV DEVICE button.



The top of the screen changes from MAIN to TV. Now all of the buttons change their function to operate a TV. Press the PAGE button. Watch the labels of the display buttons change with each press. There are four pages of display buttons already labeled for TV operation. To operate another component (e.g., VCR, DVD etc.), press the MAIN button to return to the MAIN menu. The MAIN menu displays ten of your Devices on the screen. Simply press one of the screen-labeled Device buttons to operate another device. If you don't see the device name you want, then use the PAGE buttons to display the remaining ten devices on page 2 of the MAIN menu.

### Light Button

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



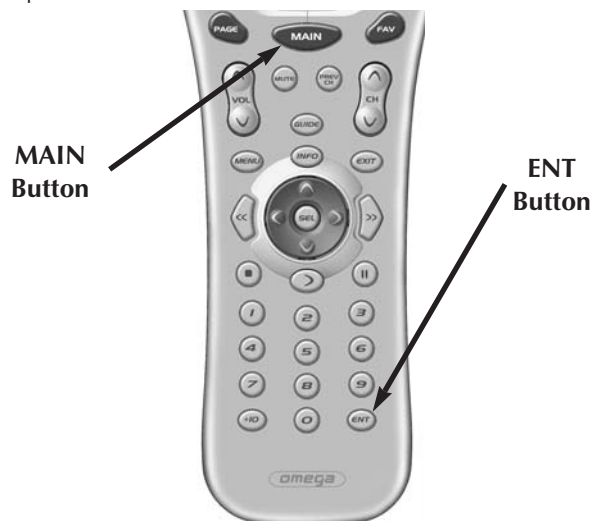
## Basic Setup

You can start setting up your Omega using either the Pre-Programmed Method or the Learning Method. However, all the buttons of the Omega are setup at once with the Pre-Programmed Method, so it is usually faster than the one-button-at-a-time Learning Method.

## Pre-Programmed Method

- 1 Power on the A/V component you wish to setup, so that you can test codes by sending power off commands.
- 2 Refer to the pre-programmed code tables on pages 37 - 52 and write down the code numbers listed for your A/V component. The code numbers are listed by categories of devices, then by brand. See page 37 for a category list. Code tables with model numbers are available at [www.universalremote.com](http://www.universalremote.com) in the MX-650 area.
- 3 Press and hold both the MAIN and ENT (Enter) buttons for approximately three seconds. The top of the display will show "SETUP". You are in SETUP mode now.

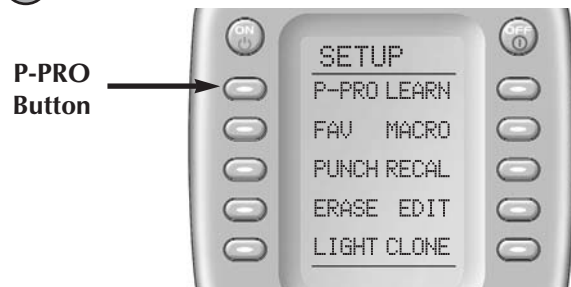
**Note:** You have 30 seconds to perform a step while you are in SETUP mode. If you don't press a button within that time, the Omega will time out and return to normal operation.





## The Omega

- 4 Press the P-PRO button to select the Pre-Programmed Method.



The display changes so that you can select which Device button to setup.



- 5 Press the device button you'd like to setup.



The bottom of the display will now flash "FROM TABLE".

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- 6 In this step you select which code table to use. Thus, you can program a device named "TV" with codes from the CABLE code tables and a device named "VIDEO" with codes from the TV code table.

If you don't see the code table you need, press the PAGE buttons to reveal the other page of code table categories, then select the code table you want to use.



**Note:** Each name that appears in the display may include several types of components. For example, the AUX category includes many types of custom installation devices. See page 37 for a list of component types each Code Table contains.

- 7 Point the Omega at the component, then enter the first three digit code number from your notes using the numbered buttons. After you enter each three digit number, look at the component to see if it turned off.



Continue to enter code numbers until the component turns off.

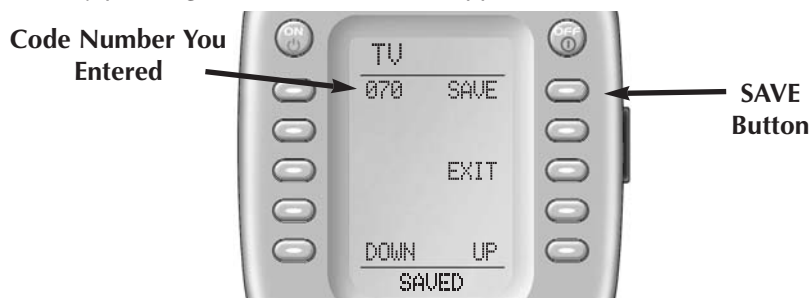
*For Example: I have a Sony TV. I found the code numbers 070, 139, 147, 126, 185, 194 and 085 under Sony in the TV TABLE. Using the numbered buttons on the Omega, I entered 070 and looked at the TV. It didn't turn off, so I entered 139, then 147 and so on, until I found the code that powered off the TV.*

## The Omega

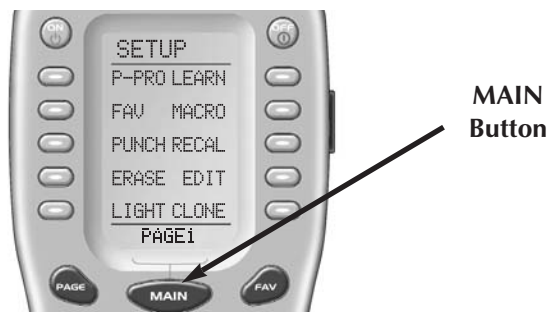
**Note:** If a component fails to turn off after you have entered all of the code numbers listed for your brand, your component might actually be manufactured by another brand. You can scan through the other brands in the table using the UP and DOWN buttons to change the code number displayed, then tapping either the Power ON, OFF or any other button to see if the component responds to any command. Alternatively, you can opt to use the Learning Method on Page 9 if you can't find a code set in the built-in database.



- 8 When the component turns off, save the code number you entered by pressing the SAVE button that appears on the screen.



- 9 Exit SETUP mode by pressing the MAIN button two times. When the display shows "MAIN", you are back in normal operating mode.



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- Repeat steps one through nine for each of your devices. Test all the commands you've programmed. If you are missing any commands, use the learning method, described next:

### Learning Method

The Omega can learn commands from your old remote controls one-button-at-a-time on any button of any device, on the MAIN or FAV LCD buttons or on the MAIN hard buttons, by following these simple steps:

- Line-up the Omega with your old remote control, head-to-head, one or two inches apart.



- On the Omega, press and hold the MAIN and ENT (Enter) buttons at the same time for approximately three seconds. The top of the display will show "SETUP". You are in SETUP mode now.

**Note:** You have 30 seconds to perform a step while you are in SETUP mode. If you don't press a button within that time, the Omega will time out and return to normal operation.

- Press the LEARN button.



The top of the screen will change to "LEARN".



## The Omega

- 4 The display will show a list of the first ten devices. If you would like to teach a command to a device on Page 2, press the PAGE button. Select the device you would like to teach commands to by pressing the Device button.

Press the Page button to display the other ten Device names.



First ten Device Names

- 5 You've selected the Device you want, now select any button you want to teach a command to (if it is on another page, press the page button).



Press any Button.

**Note:** The only buttons you can't teach IR commands are the PAGE, MAIN and FAV buttons.

- 6 Once you press a button, the top of the display will change from "LEARN" to "READY".



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- 7 Press and hold the button you want on your old remote control until the display changes to either "GOOD" or "FAILED".

If the "GOOD" label appears on top of the display, you were successful. Now, press the next button you wish to teach. Keep repeating steps 6 through 7 until you have learned all the buttons you want.



If the "FAILED" label appears on top of the display, try to teach the same button in Omega once again by repeating steps 6-7.

- 8 Continue to teach any commands from any of your remote controls by repeating steps 5-7 (to go back to step five, press MAIN once).
- 9 Once you completed teaching all the buttons, return to normal operation by pressing the MAIN button twice. Test all your new commands. If any of them don't work, try learning again using these notes:

*Move to another room. Plasma TVs, sunlight, halogen or quartz lighting can interfere with the learning process.*

*Although the old remote control seems to work fine, change the batteries to fresh alkaline batteries.*

*Vary the distance between the remote controls gradually. Try 1/4", 1", 2" and so on, up to 4 feet.*

*Tap the button on the original remote control instead of pressing and holding it during the learning process.*

## The Omega

### Volume Control Punch Through

In most home entertainment systems, the sound volume is only controlled by one device. In some systems, it is the TV speakers that make the sound, so you would use the TV device on the Omega to raise and lower the volume. In another system, it might be a surround sound receiver and speakers that control the sound, so you would use the Omega's AUDIO device to adjust the volume. Constantly switching the Omega to TV or AUDIO to adjust the volume is inconvenient in daily life.

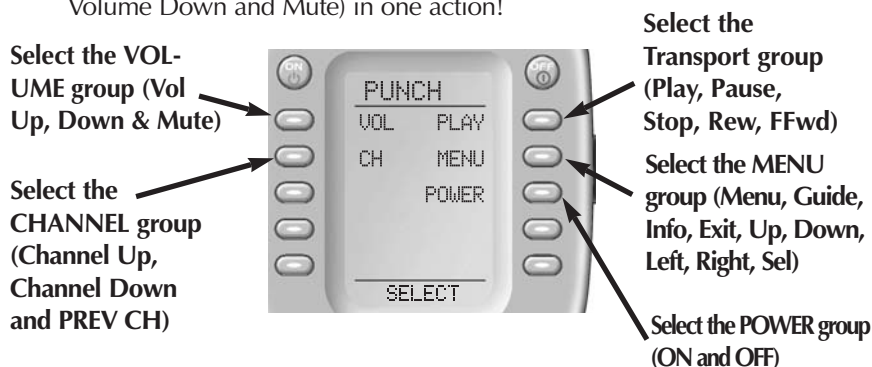
You can use Punch Through to set the Omega's volume buttons to always control the sound in your system. That way when the Omega is set to VCR or DVD, the volume up, down and mute buttons will work perfectly without switching back to AUDIO or TV. Here's how:

- 1 Enter Setup mode by pressing and holding both MAIN and ENT for three seconds. The top of the display show you are in SETUP mode now.

**Note:** You have 30 seconds for each step, otherwise the Omega will time out automatically.

- 2 Press the PUNCH button.

- 3 Press the VOL button. The display confirms by displaying "VOL" at the top of the screen. This sets up the group of three buttons (Volume Up, Volume Down and Mute) in one action!



The bottom of the display flashes "PUNCH TO".

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- 4 Press the device button for the device that doesn't have volume control commands yet (i.e., DVD). This is the device you are going to PUNCH TO for the volume and mute commands.

Press the Page button to display the other ten Device names.



Select the Device you want to "Punch To"

**Note:** If you wish to PUNCH to the MAIN device, press the POWER OFF button at this time.

- 5 The bottom of the display will then flash "PUNCH FROM". Now you select the device that has the volume commands you want (i.e., TV for systems using the TV speakers, AUDIO for systems with surround sound receivers). The bottom of the display will flash "SAVED".
- 6 Repeat steps 3-5 until all your devices operate the volume perfectly. Press the MAIN button twice to return to normal operating mode and test your Punch Through settings.

**Note:** The Punch Through feature is not limited to volume and can also be applied to channel or other functions. 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:

**POWER** - Power On and Power Off

**MENU** - Menu, Guide, Info, Exit and the four cursor buttons.

**VOL** - Volume Up, Volume Down and Mute

**CH** - Channel Up, Channel Down, Previous Channel, all of the numeric

**PLAY** - Play, Stop, Pause, Rewind and Fast Forward



## Advanced Operation

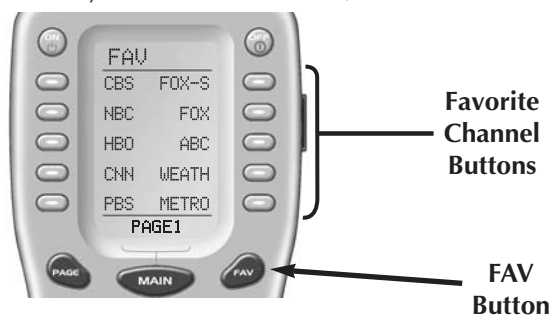
### Setting Backlight Options

You can adjust the amount of time that the Omega backlight stays on by entering the SETUP mode, then pressing the LIGHT button on the display. Then enter the amount of time you would like the light to stay on using the number pad (0-99 seconds). After making your selection, press the SAVE button.

If you don't want backlighting at all (this extends battery life), press the ON button that appears on the screen. The ON will change to OFF. Press the SAVE button. Exit the setup mode by pressing the MAIN button.

### The FAV Button

When you press the FAV button, the display changes to a list of your favorite TV channels. Each button can be set to instantly select the channel on your TV. There are five pages of ten favorite channel buttons for a total of 50. Simply touch the PAGE or the FAV button to display the other pages of favorite channels. To return to the last device you viewed, press MAIN once (a second press will take you to the MAIN menu).



To setup your Favorite Channel buttons go to page 21.

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### Adjusting Contrast

You can make the text darker by pressing both the MAIN and cursor UP buttons at the same time. To make the text appear lighter, press both the MAIN and cursor DOWN buttons at the same time.



Contrast set low. Contrast set high.

### Transmitting (Busy Signal) Icon

When a command is being transmitted, an icon will appear in the top right corner of the display. It is a useful aid when setting up Macros and FAVs, since it flashes with every step of a sequence of commands.



## The Omega

### Advanced Setup

After you've finished all your basic setup, you can choose to make operation easier by customizing the Omega just the way you want, using the Advanced Setup features described in this section.

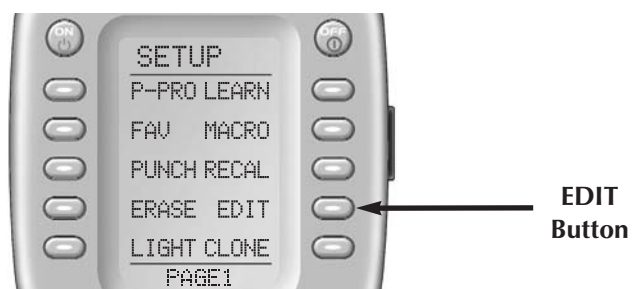
#### Editing Button Labels

You can change the name of any of the display buttons (including Favorite Channels) by following these steps:

- 1 Press and hold both the MAIN and ENT (Enter) buttons for approximately three seconds. The top of the display will show "SETUP". You are in SETUP mode now.

**Note:** You have 30 seconds to perform a step while you are in SETUP mode. If you don't press a button within that time, the Omega will time out and return to normal operation.

- 2 Press the EDIT button.



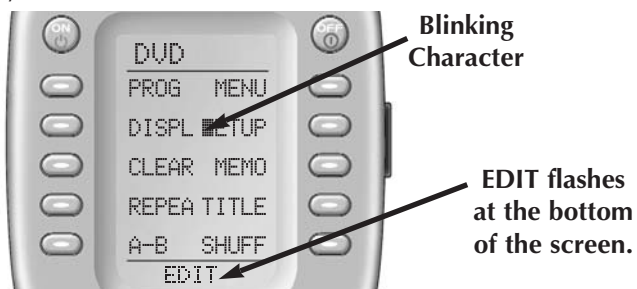
- 3 The display changes to the EDIT menu. Press the TEXT button.



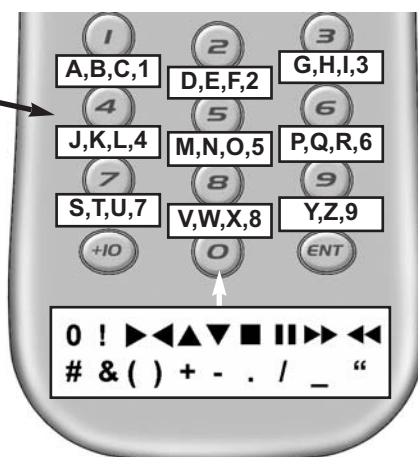
Note: The screen displays the list of devices and "EDIT" will appear at the top of the screen.

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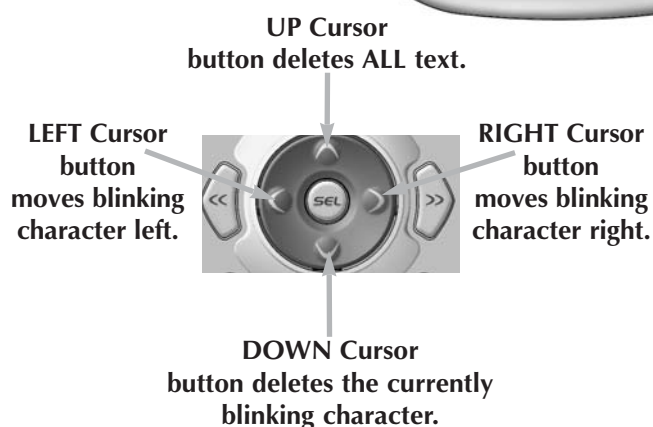
- 4 Navigate to the device and page where there is a button label you want to EDIT, selecting between the FAV, MAIN, DEVICE, then using the PAGE button. Press the button you wish to edit. The first character of your button label blinks.



- 5 Change the character by using any of the number keys. Each press of the same number button selects the next character of that number's group, as shown here.



Once the character you want appears, move to the next space by pressing the RIGHT cursor button.



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- 6 When you are finished editing the button, press the button you edited and "SAVED" will flash at the bottom of the display.
- 7 To change any other button labels on the same device, press the next button, then repeat steps 5-7. If you wish to edit a button on another device, press the MAIN button once, then repeat Steps 3-7.
- 8 Once you've finished editing buttons, press the MAIN button four times to return to normal operation.

### Edit the MAIN Menu Title or a MAIN Menu Device Label

You can change the title of the MAIN Menu or a MAIN Menu device label by following these steps after you've entered TEXT Edit mode (described in the steps one through four in the preceding pages).

- 1 Once you've entered TEXT Edit mode, the top of the screen displays EDIT and the first ten devices of the MAIN Menu. There are five pages you can access via the Page UP or DOWN buttons. When the top of the screen says EDIT, pressing a device button jumps to the pages for that device so that you can edit a device's LCD buttons normally. However, if you continue to tap the Page button, the top of the screen will change from EDIT to MAIN. While it says MAIN, there are two pages of LCD buttons. The first two list the Devices of the MAIN Menu and enable you to change the device names when pressed. The last page titled MAIN has only one entry for the LCD buttons; "MAIN". When you press the corresponding hard button, you can relabel the MAIN title to the room the Omega controls.
- 2 Select the title to edit by pressing the adjacent hard button.
- 3 Edit the text (described on steps 4 and 5 on page 17).
- 4 Press the button you edited to save the changes. Here's an example:

*The MAIN Menu title has been changed to DEN, so whenever the MAIN button is pressed, the user is reminded that this is the DEN remote.*



*Each of the MAIN menu device buttons has been custom labeled for the activities the user likes to use in the DEN. Unused devices are renamed with spaces and the pages of the unused devices are hidden so that an accidental press of a blank button does nothing.*

## Macro Button Setup

Imagine turning on your TV, your DVD player and your surround sound receiver by pressing a single button on your Omega! What would normally take three remotes and three button pushes, the Omega can accomplish with the press of one button. We call that a "Macro". Any of the Display buttons, the Power On or the Power Off buttons (on any Device or Page) can be set to be Macro buttons!

To setup a macro button, follow these easy steps:

- 1 Enter the SETUP mode by pressing and holding both MAIN and ENT for three seconds.  
**Note:** You have 30 seconds for each step, otherwise the Omega will time out automatically.
- 2 Press the MACRO button. The top of the display will show "MACRO". The bottom of the display will flash "SELECT".
- 3 Navigate to the Device and Page where there is a button you would like to set as a Macro button using the MAIN, DEVICE, and PAGE buttons.

### Advanced Options:

If you wish to set one of the DEVICE buttons as a macro, on step 3, tap the Page button until the top of the display changes to MAIN. Using the PAGE button you can navigate to MAIN page 1 or page 2 before going on to Step 4.

Another option for DEVICE button macros is to only send the macro if the button is pressed and held. This is setup by entering a delay as the first step of the macro. The amount of delay determines how long the user must press the button before the macro is sent. The advantage of this option is that a normal press of the DEVICE button will simply switch devices without issuing the macro.

- 4 Press the button you want to set as a Macro button. The top of the screen will display the label of the button you selected. At the bottom of the screen it displays "STEP0", indicating that no macro steps have been entered yet.

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- 5 Navigate to the Device and Page that has a button you want in your macro using the MAIN, DEVICE and PAGE buttons. Then press the button with the command you want. Whenever a button is pressed, another Macro step is counted and displayed at the bottom of the screen.

*Don't worry about the number of steps. Each macro button can store up to 190 steps, so you are not likely to run out of steps!*

**Note:** You can program delays in between commands by pressing the PAUSE button. Each press adds half a second to the delay.

- 6 Press the Channel UP button to SAVE your macro. The screen returns to the SETUP menu.
- 7 Press the MAIN button twice to return to normal operation.

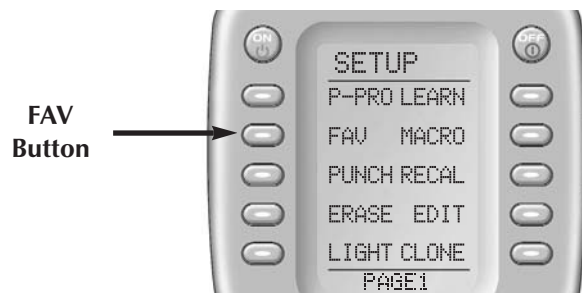
## Favorite Channel Setup

Imagine surfing all your favorite channels, without ever typing in a channel number. By simply setting up each of the favorite channel buttons, you can make TV, cable or satellite operation fun and easy. To setup a Favorite Channel button, follow these steps:

- 1 Enter SETUP mode by pressing and holding both MAIN and ENT for three seconds.

**Note:** You have 30 seconds for each step, otherwise the Omega will time out automatically.

- 2 Press the FAV display button.



The top of the display will show "FAV". The bottom of the display will flash "SELECT".

- 3 Use the PAGE or FAV buttons until you can see the name (i.e., ABC, CBS, NBC) of the favorite channel you wish to setup.
- 4 Press the favorite channel button you wish to setup. The top of the screen changes to show the channel name. The bottom of the screen displays "STEP0", indicating that you have not entered the channel number yet.
- 5 Press either the TV, SAT or CABLE Device button (select the device you use to enter channel numbers).
- 6 Press each of the number buttons for the channel.

**Note:** Some brands of television (for example: SONY) require an ENT(Enter) command after the channel numbers for the favorite macro to work correctly.



## The Omega

**Note:** If a number is repeated when setting the channel (for example, channel "33" or "522") it is usually best to set a half second delay in between the identical numbers by pressing the PAUSE button. Each press of the PAUSE button increases the delay by a half second.



*Use the PAUSE Button to set delays between steps, each press of the pause button increases the delay by a half second.*

- 7 Press the Channel UP button to SAVE your macro. The screen returns to the SETUP menu.
- 8 Press the MAIN button twice to return to normal operation.

## Erasing

You can erase an individual button with a learned command, a macro or a favorite channel. You can erase an entire Device's learned command or macro buttons. You can also erase ALL your learned commands on all devices or all your macros or favorite channels everywhere. If you really want a fresh start, it is possible to reset everything to the factory default condition.

### Erasing Learned Buttons, Macros or Favs

- 1 Enter SETUP mode by pressing and holding both MAIN and ENT for three seconds.

**Note:** You have 30 seconds for each step, otherwise the Omega will time out automatically.

- 2 Press the ERASE button.
- 3 Press either the LEARN, MACRO or FAV button. The following screen appears:



**ALL** — If you press ALL, the Omega displays a SURE? button. After the SURE button is pressed, all the buttons will be erased.

**DEVICE**— If you press DEVICE, a list of Devices will appear. Press the device button that you wish to erase. The bottom of the screen will flash ERASE twice, then ERASED.

**KEY**— If you press KEY, you'll have to navigate to the Device and Page you want using the MAIN, DEVICE and PAGE buttons. Press a button to erase it. The bottom of the display will flash ERASE twice, then ERASED.

- 4 To return to normal operating mode, press the MAIN button four times.

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### Erasing the Entire Omega

To erase EVERYTHING, press and hold both the MAIN and the STOP buttons for 15 seconds. After 15 seconds, the RESET screen appears. Press the SURE button to erase all of your settings and return to the factory default setup.

**ALL Button** erases all settings.



**PROG Button** erases three digit codes, Page, Text and Punch Through settings.

### Cloning One Omega to Another

If you own two or more Omega, you can copy and transfer all the setup from one Omega to another. Just follow these easy steps:

- 1 Enter SETUP mode by pressing and holding both MAIN and ENT for three seconds.

**Note:** You have 30 seconds for each step, otherwise the Omega will time out automatically.

- 2 Press the CLONE button.
- 3 Align the two Omega head-to-head, about an inch apart.



- 4 Press the RECV display button on the new Omega you would like to setup by cloning.
- 5 Press the SEND display button on the Omega you previously setup.
- 6 Press the START button on the new Omega and then press the START button on the Omega you previously setup.

**Note:** Cloning typically takes about 40 seconds.

After completion, the cloned Omega will flash "GOOD".

- 7 Return to normal operation by pressing the MAIN button twice.

## Recalling Pre-Programmed Settings

If you didn't write down the code numbers you setup your Omega with, you can recall them via this simple process:

- 1 Enter SETUP mode by pressing and holding both MAIN and ENT for three seconds.

**Note:** You have 30 seconds for each step, otherwise the Omega will time out automatically.

- 2 Press the RECAL button. The display changes to the first page of the four recall screens. Press the PAGE button to see the other pages.



- 3 Write down the code numbers as they appear.
- 4 Return to normal operation by pressing the MAIN button twice.

## The Omega

### Utilizing Optional RF Base Stations

You can use the Omega as you would your other remote controls. It transmits very powerful line-of-sight output using infrared light commands (invisible to the naked eye). When you point the Omega at the components, expect the range to be between 30 and 50 feet. When the remote is not pointed in the general direction of the components, the range will vary (depending on reflective surfaces, lighting, etc.).

However, the Omega also sends radio signals in every direction. By purchasing the MRF-100 or the addressable MRF-250 or MRF-300 base stations, you can operate your equipment with the Omega 50 to 100 feet away (through walls, doors, cabinets, inside or outside). Since the RF Base Station picks up the Omega's radio signals from any direction, regardless of distance, the Omega *doesn't have to be pointed!*

#### Using MRF-250 or MRF-300 Addressable Base Stations

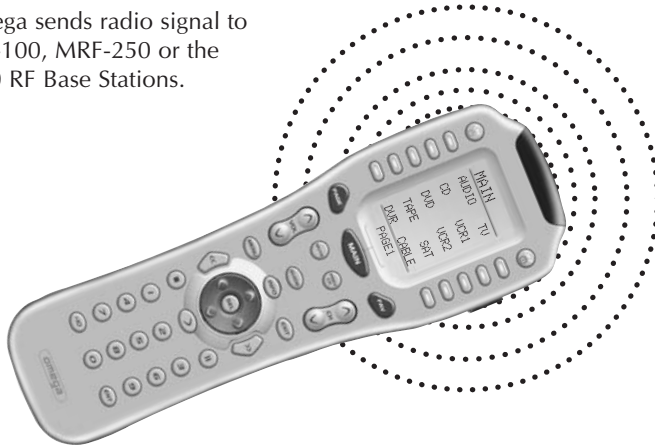
By installing an MRF-250 or MRF-300 base station you gain freedom from interference from a nearby room, house or condo where someone else might be using an RF remote control. Addressable base stations are assigned one of 15 unique ID#'s. This allows multiple equipment locations in one house to be controlled by any Omega. In operation it's simple: when you select a device located in the Den, the Omega only talks to the base station in the Den. When you select a device located in the Family Room, the Omega only talks to it!

When used with an MRF-250 or MRF-300 base station, the Omega can be programmed to control identical components, for example, a media room array of TV's. The intelligent routing of the MRF-250 or the MRF-300 base station will send your commands only to the TV you want to control. The other identical TV's will not receive commands. Of course, if your system utilizes identical satellite receivers, cable boxes, VCR's or disc changers you can utilize IR routing just as easily for them. If you have more than six identical components, up to 15 addressable MRF-250's or MRF-300's can be installed to control them (thus allowing up to 90 identical components in one house).

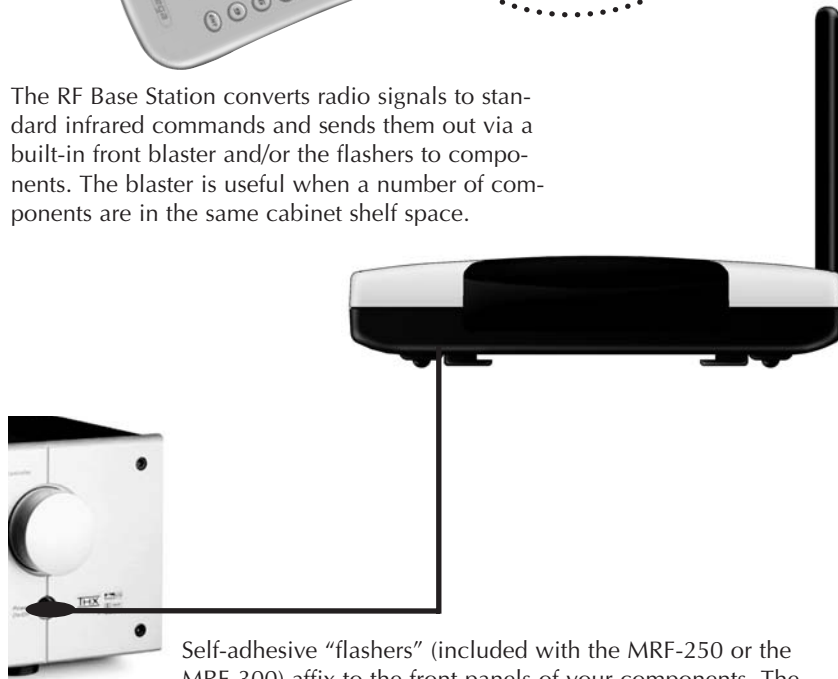
**Note:** The Omega's radio signals will not control components directly. Components that came with "no pointing" radio remote controls cannot be operated by the Omega unless the component can be switched to standard infrared control via its internal menus. Some remote control ceiling fans are radio only and cannot be operated by the Omega.

## Universal Remote Control, Inc.

The Omega sends radio signal to the MRF-100, MRF-250 or the MRF-300 RF Base Stations.



The RF Base Station converts radio signals to standard infrared commands and sends them out via a built-in front blaster and/or the flashers to components. The blaster is useful when a number of components are in the same cabinet shelf space.



Self-adhesive "flashers" (included with the MRF-250 or the MRF-300) affix to the front panels of your components. The flashers relay infrared commands to components out-of-sight of the front blaster. The flashers plug into the rear flasher line output jacks. Each flasher has a 10' cable to easily reach components on nearby shelves.

## The Omega

### RF Settings Overview

The Omega is factory set to ID#0. Although this will work with any base station set to ID#0, it does not allow any emitter or blaster configuration. Before changing any emitter or blaster settings, you must reset the ID# to an address other than 0.

By setting the RF addresses for each device you can operate identical devices (like a stack of satellite receivers, cable boxes, or an array of identical TV sets). You do this by assigning a valid ID#, then selecting a particular IR Emitter Output via EMITT settings. To ensure that the identical components are not affected by line of sight commands, you set the IR/RF for the device to RF Only.

Many components with on-screen GUI's (guides, menus etc.) are extremely sensitive to IR overload/saturation. The best way of positioning emitters for these devices is to set the IR/RF setting to RF only and to set the EMITT to a specific line output, not the default setting of ALL.

Here are the factory default RF settings of the Omega:

**IR/RF (Type of Signal)** - All devices are factory set to send both an IR line of sight signal and an omnidirectional RF signal.

**ID# (Base Station Address)** - All devices are factory set with ID #0.

**EMITT (IR Emitter Line Output)** - All devices are factory set to output IR commands through ALL IR Emitter Line Outputs.

**BLAST (Base Station Front Panel Blaster)** - The blaster is factory set to be on.

**Testing for Interference** - When ID#0 is set on the bottom of the base station, the STATUS LED will flicker if interference is present. Once the base station is moved to a location where the LED does not flicker, the ID# can be changed to one of the valid addresses (1-9 or A-F).

### Changing the RF Settings

- 1 Enter SETUP mode by pressing and holding both MAIN and ENT for three seconds.

**Note:** You have 30 seconds for each step, otherwise the Omega will time out automatically.

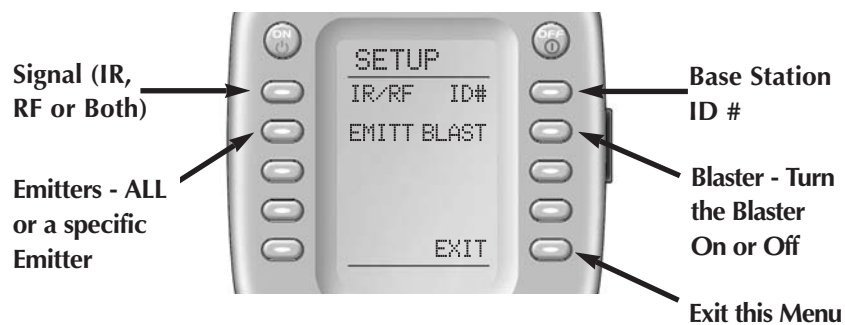
- 2 Press the PAGE button until page two of Setup is displayed (RF is the only choice on Page 2).

## Universal Remote Control, Inc.

- 3 Press the RF button.



- 4 The RF Settings Menu appears. See the notes on the following pages for more info on each option. Make your selection by pressing the button you want:



- 5 After you've made a new setting and SAVED your change, use the EXIT button to return to the Setup menu. Use the MAIN button to return to normal operation.

### IR/RF Signal Setting

You can set the signal to be IR line-of-sight only, RF only or IR and RF simultaneously. Additionally, you can set the signal the same way for ALL ten of your devices OR you can set the signal differently for each device (the plasma TV could be set to be IR line-of-sight only, while the DVD player and the Satellite receiver are set to be RF only). A good reason to set the signal to RF only is to prevent too much IR being sent to a sensitive component from two arrivals at the front panel (one directly from the Omega, one from the RF base station). A good reason to set the signal to IR only is that another room has an MRF-100 base station (no RF address) so it will receive commands from the Omega unless it is set to IR only.



## The Omega

- 1 From the RF Settings Menu, select IR/RF.
- 2 Decide whether you are changing the Signal for all devices or just one of the devices of the Omega.



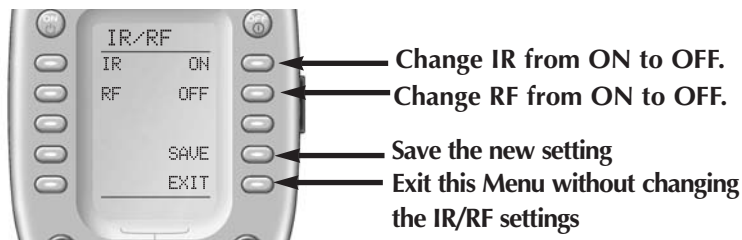
Select ALL to change the signal settings to ALL devices in the Omega. Then, go to Step 4.

Select DEVIC to change the signal settings to just one of the devices in the Omega. Then, go to Step 3.

- 3 The display changes to a list of the names of your devices. If you have two pages of devices, pressing either of the page buttons will display the other page. Select the device you would like to change IR/RF settings, then go to Step 4.



- 4 Select the new setting by pressing the desired button, then press SAVE to save your new setting and return to the RF settings menu.



## Universal Remote Control, Inc.

### ID # - Setting Base Station Address

When you are installing a system within 100 feet of another equipment location in the same home OR near a home, condo, yacht or motor home that might potentially have an RF remote control of any kind, it is recommended that you use an addressable base station and set the address as described here.

You can operate up to 15 different equipment locations, each with an MRF-250 or MRF-300 assigned a unique Receiver ID#. You program each or all of your Omega devices to the appropriate equipment location by assigning the corresponding ID# in the RF Settings Menus.

- 1 From the RF Settings Menu, select ID#.
- 2 Decide whether you are changing the ID# for all devices or just one of the devices of the Omega.



Select ALL to change the ID# for ALL devices in the Omega. Then, go to Step 4.

Select DEVIC to change the ID# for just one of the devices in the Omega. Then, go to Step 3.

- 3 The display changes to a list of the names of your devices. If you have two pages of devices, pressing either of the page buttons will display the other page. Select the device you would like to change the ID#, then go to Step 4.



## The Omega

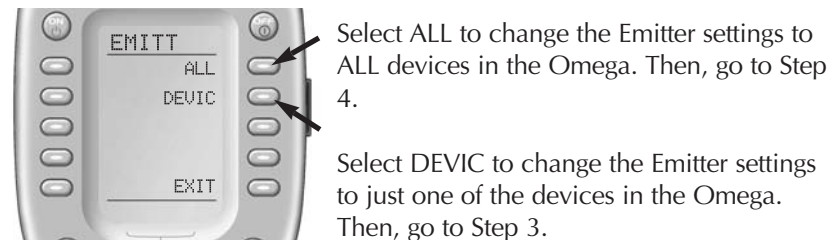
- 4 Select the new setting by pressing the desired button, then press SAVE to save your new setting and return to the RF settings menu.



### EMITT - Setting IR Emitter Outputs

The MRF-250 and MRF-300 Base Stations enable you to route or steer the IR commands from any Device to any or all of the IR Line Outputs. This allows you to control identical devices using the exact same IR commands (such as an array of television sets in a media room or a stack of identical satellite receivers installed in a central location with one satellite receiver dedicated to each room with a television). Each button push (or macro step) is routed to the specific IR Line Output you've assigned to a device. In the factory set default settings, the Omega is set to route IR commands from any device to ALL IR Line Outputs simultaneously. To change the Omega default settings follow these steps:

- 1 From the RF Settings Menu, select EMITT.
- 2 Decide whether you are changing the Emitter settings for all devices or just one of the devices of the Omega.

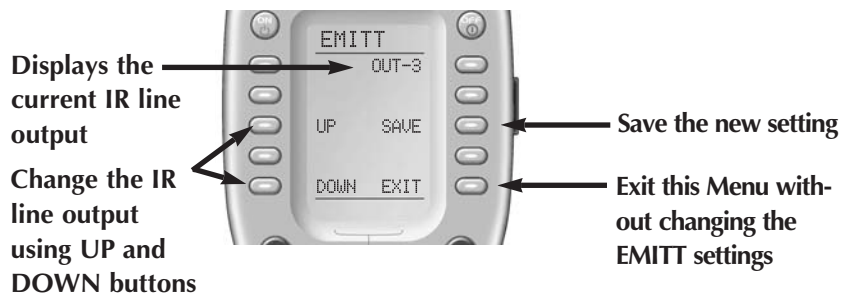


## Universal Remote Control, Inc.

- 3 The display changes to a list of the names of your devices. If you have two pages of devices, pressing either of the page buttons will display the other page. Select the device you would like to change the Emitter settings, then go to Step 4.



- 4 Select the new setting by pressing the desired button, then press SAVE to save your new setting and return to the RF settings menu.



### BLAST - Setting the Front Panel Blaster On or Off

The MRF-250 and MRF-300 Base Stations have a configurable front panel high power IR LED or “blaster” for controlling components in the same cabinet space without emitters attached to their front panel. The front panel blaster can overpower or saturate the sensors of some A/V components, so if intermittent operation occurs, the blaster should be turned off.

The blaster is incompatible with a stack of identical components, since all components will receive IR commands at once, no matter what device is selected. Turn off the front panel blaster by following the steps described on the next page:

## The Omega

1 From the RF Settings Menu, select BLAST.

2 Decide whether you are changing the Blaster for all devices or just one of the devices of the Omega.



Select ALL to change the blaster settings to ALL devices in the Omega. Then, go to Step 4.

Select DEVIC to change the blaster settings to just one of the devices in the Omega. Then, go to Step 3.

3 The display changes to a list of the names of your devices. If you have two pages of devices, pressing either of the page buttons will display the other page. Select the device you would like to change IR/RF settings, then go to Step 4.

Page Button displays the other page of devices.



Select a device

4 Select the new setting by pressing the desired button, then press SAVE to save your new setting and return to the RF settings menu.



Changes the current front panel BLASTER setting

Save the new setting

Exit this Menu without changing the EMITT settings

## Universal Remote Control, Inc.

### Pre-Programmed Code Tables

The Omega's Pre-Programmed code library is divided into categories (TV, VCR, AUX, etc.). Each category actually includes many types of components. For example, the VCR category includes TV/VCR combo units.

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 (step-by-step instructions for using Pre-Programmed codes are found on page 5).

<b>TV</b>	TVs, Plasmas, Projectors and Monitors	Pages 38-40
<b>CABLE</b>	Cable TV Descramblers/Tuners	Pages 40-42
<b>DVD</b>	DVD Players, TV/DVD Combos, TV/DVD/VCR Combos, DVD/VCR Combos, DVD Recorders, and Laser Disc Players	Pages 42-45
<b>VCR</b>	VCRs and TV/VCR Combos	Pages 45-47
<b>AUDIO</b>	Amps, Preamps and A/V Receivers and XM Radios	Pages 47-50
<b>SAT</b>	Satellite Receiver	Pages 50-51
<b>CD</b>	CD Players and Changers	Pages 51-53
<b>DVR</b>	Digital Video Recorders (TiVo, Replay)	Page 53
<b>LIGHT</b>	Lighting Systems	Pages 53
<b>AUX</b>	Multimedia PCS, Xbox, iPod and Custom Installation Products	Pages 54-55
<b>WEBTV</b>	Internet Browsers for TV	Page 55
<b>TAPE</b>	Tape, Cassette and Reel to Reel recorders	Page 55-56

## TV - TVs, Plasmas, Projectors and Monitors

BRAND	CODE NUMBERS
ADMIRAL	072 081 161 160
ADVENT	247
AKAI	197 146 248
AMARK	112 143
AMPRO	073 167 157 183
AMSTRAD	052
ANAM	043 054 056 080 112 131
AOC	197 004 112 058
APEX DIGITAL	006 310
AUDIOVOX	076 103 273
BARCO	233
BLAUPUNKT	088
BOXLIGHT	266
BROKSONIC	238
CAIRN	201
CANDLE	197 002 003 004
CAPEHART	058
CETRONIC	043
CITIZEN	197 002 003 004 043 101 103 143
CLASSIC	043
CONCERTO	004
CONTEC	043 050 051
CORONADO	143
CRAIG	043 054
CROWN	043 143
CURTIS MATHES	197 101 004 143
CXC	043
DAEWOO	004 016 043 044 076 103 114 125 127 143 269
DAYTRON	004 143
DELL	319 320 321
DIBOSS	329
DREAMVISION	235 312 313 314 343 344 345
DWIN	177 226 257
DYNASTY	043
DYNATECH	062
EIKI	187
ELECTROHOME	024 076 143 196
EMERSON	197 004 005 028 043 047 048 050 051 076 096 143 151 153 154 155
EPSON	324
ESA	323
FISHER	007 057
FUJITSU	198 223 219 246 299 346 396
FUNAI	028 043 052
FUTURETECH	043
GATEWAY	242 268
GE	197 008 009 034 056 073 074 130 144 155 160 161 165 004 091 157 183
GOLDSTAR	004 102 106 112 113 116 119 127 143
GRUNDIG	220 083
HALL MARK	004
HANNSPREE	381
HITACHI	004 009 010 011 012 023 075 143 158 163 166 072 221 250 311 361 380
HP	316 327 378 379
HYUNDAI	337 338
INFINITY	164
INFOCUS	230 330 331 332 333 252
INSIGNIA	350 399 400 401 402 403
JBL	164

## TV - TVs, Plasmas, Projectors and Monitors

BRAND	CODE NUMBERS
JCPENNEY	197 004 008 009 024 030 065 101 143 156 160
JENSEN	013
JVC	034 038 070 083 145 199 210 240 241 244 245 317 318
KEC	043
KENWOOD	197 070
KLOSS	002 059
KMC	143
KNOLL SYSTEMS	230
KTV	197 043 143 154
LG	363 364 365 243 284 283 286
LODGENET	072
LOEWE	222 223 224 164 322
LOGIK	072
LUXMAN	004
LXI	166 007 015 052 081 160 164
MAGNAVOX	197 003 004 022 059 060 061 063 064 127 160 164 094 226
MARANTZ	197 164 184
MATSUI	164
MAXENT	242
MEMOREX	007 072 004
METZ	088
MGA	197 004 024 028 042
MINERVA	088
MITSUBISHI	004 024 028 040 042 109 124 146 191 225 267 300 348
MTC	197 004 062 101
NAD	015 025
NEC	132 130 134 197 040 016 024 056 019 236 237 262 272 281
NIKEI	043
NUVISION	351
ONKING	043
ONWA	043
OPTOMA	249 265 270 360
OPTONICA	019 081
ORION	096
PANASONIC	034 056 080 092 164 208 261 296 295 297 298 377 383
PHILCO	197 003 024 056 059 060 063 064 164 004
PHILIPS	197 003 004 005 038 059 093 164 127 184 206 259 260 264 274 294
PHILIPS/MAGNAVOX	239
PIONEER	197 018 023 025 116 135 190 203 204 209 234 237 334 335 336 374 385 393 397
POLAROID	352 353 354 355 356 357 358 388
PORTLAND	004 143
PROSCAN	144 160 161 165 167
PROTON	004 058 131 143 171 173 193 392
PROTRON	392 398
QUASAR	034 056 092
RADIO SHACK	019 043 143 004 127
RCA	160 161 165 065 156 144 197 004 023 024 056 074 152 333
REALISTIC	007 019 043 047
ROCTEC	186
RUNCO	168 169 178 179 180 181 182 183 073 157 340 341 342 395
SAMPO	197 058 004 202
SAMSUNG	258 275 309 375 384 004 050 089 101 105 127 143 160 211 228 229 253 254
SANYO	166 007 020 053 057 082 187 266 347
SCEPTRE	276
SCOTT	004 028 043 048 143



## TV - TVs, Plasmas, Projectors and Monitors

BRAND	CODE NUMBERS
SEARS	015 030 004 007 028 057 143 094 160 082 165 166
SELECO	189 200 212 227 205
SHARP	170 081 019 028 029 014 004 022 143 175 214 251 306 307 308 326
SHERWOOD	349
SIEMENS	088
SIGNATURE	072
SIM2	205 200 313
SOLE	231 232
SONY	277 278 279 070 085 139 147 126 185 194 207 213
SOUNDESIGN	004 028 003 043
SPECTRICON	112
SSS	004 043
SUPRE MACY	002
SVA	328
SYLVANIA	197 003 059 060 063 064 164 044 160 127 052
SYMPHONIC	052
SYNTAX OLEVIA	376 394
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
THOMPSON	215
TMK	004
TOSHIBA	287 288 289 290 291 292 293 315 237 325 382 007 015 030 040 062 101 138 216 230
TOTEVISION	143
UNIVERSAL	008 009
VIDEO CONCEPTS	146
VIDIKRON	174 184 188 192 340 342
VIDTECH	004
VIEWSONIC	271 242 389 390
VIZIO	386 387
WARDS	004 008 009 019 028 060 061 063 064 072 074 143 164 034
WESTINGHOUSE	076 280
WINBOOK	339
YAMAHA	197 004 370 371 372 373
YORK	004
YUPITERU	043
ZENITH	072 073 095 103 157 183 217 243 282 283 284 285 286
ZONDA	112

### CABLE - Cable TV Descramblers/Tuners

ABC	103 003 004 039 042 046 053
ADELPHIA	043 074
ADVANCED NEWHOUSE	043
ALTRIO	043
AMERICAST	099
ANTRONIX	014
ARCHER	005 007 014
ARMSTRONG	074
AT&T BROADBAND	074

## CABLE - Cable TV Descramblers/Tuners

BRAND	CODE NUMBERS
ATLANTIC BROADBAND	043 074
BELL SOUTH	099
BLUE RIDGE	043 074
BRESNAN	074
BRIGHT HOUSE	043 110
BUCKEYE COMM	074
CABLEVISION	108 043 074
CENTURION	092
CENTURY	007
CHARTER	043 074
CITIZEN	007
COGECO	074
COMBANO	080 081
COMCAST	110 043 074
COMSAT	074
COMTRONICS	030
COX DIGITAL CABLE	043 074
DIGICABLE	101
EAGLE	020 030 040
EASTERN	057 066
ELECTRICORD	032
GEMINI	008 054
GE	072
GENERAL INSTRUMENT	103 002 003 004 008 009 010 069 074 104
GNC	099
GOLDEN CHANNEL	030
HAMLIN	049 050 055
HITACHI	103 055
INSIGHT	074
JERROLD	103 002 003 004 008 009 010 069 074 104 109 110
M-NET	037
MAGNAVOX	010 012 064 079 094
MASSILLON	074
MEDIA ONE	107
MEDICOM	074
MEMOREX	052
MOTOROLA	103 002 003 004 008 009 010 069 074 104 109 110 111
MOVIE TIME	028 032
MOXI	111
NCTC	074
NOVAPLEX	092
NSC	015 028 038 071
OAK	031 037 053
PACE	043 074
PANASONIC	044 047
PARAGON	052
PHILIPS	006 012 013 020 085
PIONEER	103 034 051 063 076 105 043
PRUCER	059
PTS	011 071 074
PULSAR	052
RCA	047
RCN	074
RECOTON	098
REGAL	049 050
REGENCY	057
RODGERS	043

## CABLE - Cable TV Descramblers/Tuners

BRAND	CODE NUMBERS
SAMSUNG	030
SCIENTIFIC ATLANTA	003 011 041 042 043 045 046
SEREN	043
SERVICE ELECTRIC	074
SHAW	074
SIGECOM	043
SIGNAL	030
SIGNATURE	103
SL MARX	030
SONY	108
SPRUCER	047 078
STARCOM	002 004 008 009
STARGATE	008 030 097 104
SUSQUEHANNA	043 074
TADIRAN	030
TIMELESS	030
TIME WARNER	043 074
TOCOM	039 040 056
TOSHIBA	052
UNIKA	007 014
UNITED CABLE	004 053
UNIVERSAL	005 007 014 032 035
VIDEOTRON	043
VIEWSTAR	012 015 018 086 087 088 089
WIDE OPEN WEST	043 099
ZENITH	052 060 093 100

## DVD-DVD Players

ADCOM	157
AIWA	136 146
ALPINE	098
APEX DIGITAL	087 111 112 115 116
ARCAM	122
CALIFORNIA AUDIO	021 124
CAMBRIDGE AUDIO	215 216
CARY AUDIO DESIGN	174
CINEVISION	219
CLASSE	167
COBY	258
CYBER HOME	133 227
DAEWOO	132
DENON	007 080 138 173 181
GATEWAY	175
GE	026 027
GRADIENTE	021
GRUNDIG	083
GO VIDEO	137 091 217 218 219 220 221 222 224
HARMAN KARDON	084 140
HITACHI	101
FUNAI	143
ILO	268
INSIGNIA	143
INTEGRA	142 180 192 280
JVC	012 168 203 212 257
KENWOOD	123 151

## DVD-DVD Players

BRAND	CODE NUMBERS
KISS	179 279
KLH	135
KRELL	104
LECSON	126
LEXICON	148
LG	091 057 074
LITEON	264 265
MAGNAVOX	096 066 143
MALATA	267
MARANTZ	083 105 201 202
MCINTOSH	125
MEMOREX	163
MERIDIAN	153
MINTEK	111
MITSUBISHI	017
MYRYAD	134 102
NAIM	226
NAD	088 155
NAKAMICHI	103
ONKYO	076 035 180
OPPO	266
PANASONIC	021 042 138 139 144 150 198 199 205 259
PHILIPS	066 095 105 166 176
PIONEER	023 092 099 107 108 131 162 172 178 213 232 272
POLAROID	233 234 235 236 237
PRIMARE	193 194
PROCEED	086
PROSCAN	026 027
RCA	026 027
RJTECH	269
ROTEL	204
SAMSUNG	056 070 119 137 159 165 170 200 254
SANSUI	154
SANYO	147
SENSORY SCIENCE	217 222 223
SHARP	094
SHERWOOD	245 246 247 248 249 250
SONY	033 118 126 145 160 189 190 191 238 239 240 241 242 243 251 252 253 261 262 263
SYLVANIA	143
SYMPHONIC	143
TAG MCLAREN	156
TEAC	270
THETA DIGITAL	023
THOMPSON	026 027
THULE	177
TOSHIBA	035 034 128 141 130 164 183 184 185 186 187 188 214
VENTURER	149
VINC	161
YAMAHA	042 089 066 158 166 195 196 197
ZENITH	057 074 091 182
DVD-TV/DVD Combos	
AIWA	146
FUNAI	143
INSIGNIA	143

## DVD-TV/DVD Combos

BRAND	CODE NUMBERS
SAMSUNG	165
SYLVANIA	143
SYMPHONIC	143
TOSHIBA	130

## DVD-TV/DVD/VCR Combos

MAGNAVOX	143
PANASONIC	144
SYLVANIA	143
TOSHIBA	164

## DVD-DVD/VCR Combos

GO VIDEO	137 218
PANASONIC	150
PHILIPS	105 (VCR Functions for VCR 067)
POLAROID	234
SAMSUNG	137 159
SANSUI	154
SONY	145
TOSHIBA	141
ZENITH	091 (VCR Functions for VCR171)

## DVD-DVD Recorders

GATEWAY	175
GO VIDEO	220 221 222
ILO	268
KISS	279
LITEON	265
PANASONIC	139
SENSORY SCIENCE	222
SONY	191
TOSHIBA	188

## DVD - Laser Disc Players

DENON	206 207
FUNAI	120
KENWOOD	152 013
MAGNAVOX	032 121
MARANTZ	211
MITSUBISHI	121
NAD	121
OPTIMUS	049 013
PANASONIC	113
PHILIPS	032
PIONEER	106 117 121
RADIO SHACK	120
RCA	002
REALISTIC	049
RUNCO	127

## DVD - Laser Disc Players

BRAND	CODE NUMBERS
SANYO	075
SHARP	152 013
SONY	053 110
TECHNICS	113
THETA DIGITAL	032
TOSHIBA	152 106
YAMAHA	043 129
<b>VCR - VCRs</b>	
AIWA	034 161 169
AKAI	016 043 046 124 125 142 146
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	005 007 010 065 108 110 111 112 116 117 119
DAYTRON	108
DBX	012 023 039 043
DYNATECH	034 053
ELECTROHOME	059
EMERSON	005 006 017 025 027 029 031 034 035 036 037 046 101 116 129 131 138 153 162
FISHER	003 008 009 010
FUNAI	034
GE	031 063 072 107 109 144 147
GO VIDEO	132 136 155 040 115
GOLDSTAR	012 013 020 101 106 114 123
HARMAN KARDON	012 045
HITACHI	004 018 026 034 043 063 137 150 160 013
INSTANTREPLAY	031
JCL	031
JCPENNEY	012 013 015 040 066 101
JENSEN	043
JVC	012 031 043 048 050 055 060 130 150 152 166 172 173
KENWOOD	014 048 034 047
LG	171
LLOYD	034
LXI	003 009 017 034 106
MAGIN	040
MAGNAVOX	031 034 041 067 068 156 164
MARANTZ	012 031 067 069 156
MARTA	101
MATSUI	027 030
MEI	031
MEMOREX	003 010 014 031 034 053 072 101 102 134 139
MGA	045 046 059
MINOLTA	013 020
MITSUBISHI	013 020 045 046 051 059 061 142 151 049 168
MTC	034 040
MULTITECH	024 034
NEC	012 023 039 043 048

## VCR - VCRs

BRAND	CODE NUMBERS
NORDMENDE	043
OPTONICA	053 054
ORION	025
PANASONIC	066 070 083 133 140 145 157 163 074 167
PENTAX	013 020 031 063
PHILCO	031 034 067
PHILIPS	031 034 054 067 071 101 156
PILOT	101
PIONEER	013 021 048
PORTLAND	108
PULSAR	072
QUARTZ	002 014
QUASAR	066 145 075
RADIO SHACK	123
RCA	013 020 041 107 109 140 144 145 147 034 040 158
REALISTIC	003 008 010 014 031 034 040 053 054 101
RICO	058
RUNCO	148
SALORA	014
SAMSUNG	032 040 066 102 104 107 109 112 113 115 120 122 125
SANSUI	022 043 048 135
SANYO	003 007 010 014 134 102
SCOTT	017 037 112 129 131
SEARS	003 008 009 010 013 014 081 101 017 073 112
SHARP	031 054 149 159 165
SHINTOM	024
SIGNATURE	034
SONY	003 031 052 056 057 058 076 077 078 149 154
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	019 031 034 101
THOMAS	034
TMK	006
TOSHIBA	008 013 042 047 059 079 082 112 131 081 170
TOTEVISION	040 101
UNITECH	040
VECTOR RESEARCH	012
VICTOR	048
VIDEO CONCEPTS	012 034 046 141
VIDEOSONIC	040
WARDS	003 013 017 024 031 034 040 053 054 131
YAMAHA	012 034 039 043
ZENITH	034 048 056 058 072 080 101 171
<b>VCR - TV/VCR Combos</b>	
DAEWOO	005 117
EMERSON	153
FUNAI	034
GOLDSTAR	101 123

## VCR - TV/VCR Combos

BRAND	CODE NUMBERS
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

## AUDIO - Amps, Preamps and A/V Receivers

ADC	007
ADCOM	082 092 225 161 269 355 356 366
AIWA	018 104 170 202 203 213 211 188
AKAI	138 189
AMC	038 125 126 127 128 258 281 282
AMEND	054
AMX	196
ANGSTROM	142
ANTEX ELECTRONICS	588
ANTHEM	335 336 337 338 339
ARAGON	157 158 042 043 081 112
ARCAM	141 325 418 419 504
ATLANTIC TECHNOLOGY	342
AUDIO ACCESS	147
AUDIO ALCHEMY	135
AUDIO CONTROL	448 572
AUDIO DESIGN ASSOCIATES	194 221 011
AUDIO EASE	021 196 207
AUDIO FILE	071
AUDIO MATRIX	167
AUDIO RESEARCH	399 406 423 424 425 426
AUDIO SOURCE	273
AUDIO TECHNICA	134
B & K	096 097 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315
BOSE	070 170 224 347 409 459 460 532 548
BOSTON ACOUSTICS	447
BRYSTON	023 551
CAMBRIDGE AUDIO	522 523 524 525
CARVER	006 027 028 061 071 201 214 226 180 185 022 029 077 284
CARY AUDIO DESIGN	443 519
CASIO	076
CHIRO	140
CINEMA SOUND	034 134
CITATION	148 272
CLASSE	410 411 484 537 538
CLARION	026



## AUDIO - Amps, Preamps and A/V Receivers

BRAND	CODE NUMBERS
COLORADO VNET	539
COMPAQ	382
CURTIS MATHES	076
DELPHI	415 515
DENON	002 034 109 215 229 230 027 037 234 259 316 330 340 341 349 350 353 396 400 401 402 422 444 564 568 569
EIGER	149
ELAN	057 290 371 468 469 470 471 472 473 474 475 476 477 481 482 483 508 509
EAD	099 098 466 467
ESCIENT	368 381 393 451 452 453 454
FANFARE	352
FISHER	047 214 180 182 297
FLEXTRONICS	378
FOSGATE	062 231 342
GE	056 260
GOLDSTAR	008
HAFLER	174
HARMAN KARDON	231 233 254 153 154 118 121 227 277 317 318 329 365
HITACHI	020
IMERGE	371
INKEL	197
INSIGNIA	589
INTEGRA	354 371 438 439 440 441 442 486 487 586
JAMO	398
JBL	263
JCPENNEY	076 216
JEFF ROWLAND	206
JENSEN	058
JVC	240 163 191 114 266 279 291 389 390
KEF	530
KENWOOD	026 066 145 146 181 190 197 192 182 199 151 222 180 005 280 319 320 367 374 412 413 414 420 517 550
KINERGETICS	220 140
KLH	331
KLIPSCH	157 158 042 043 081 112
KNOLL	531
KOSS	216 573
KRELL	150 072 321 376 384 497 498 499 500
KYOCERA	007
LEXICON	120 235 236 237 324 357 358 359 360 361 362 363 364
LINN	124 377
LUXMAN	137 139 052 165 115 004 009
LXI	076 056
MAGNAVOX	086 164 152 208
MARANTZ	006 028 031 040 063 185 186 251 265 119 289 326 327 328 385 488 489 490 491 492 493 563
MARK LEVINSON	322
MCINTOSH	238 286 496
MCS	076
MERIDIAN	100 012 013
MICRO LAB	394
MICROMEGA	119
MITSUBISHI	242 243 204
MONDIAL	157 158 042 043 081 112
MOTOROLA	386
MUSICAL FIDELITY	407 408

## AUDIO - Amps, Preamps and A/V Receivers

BRAND	CODE NUMBERS
MYRYAD	276 293 455 456 457
NAD	186 113 283 478 479
NAIM	533 534 535
NAKAMICHI	111 244 245 172 183 287 323 450
NEC	176
NILES	403
NIRO	343
NUVO	404 405
ONKYO	017 046 064 107 108 187 079 080 090 179 209 270 275 438 439 440 441 442 486 487 536 552 586
OPTIMUS	026 041 138
OUTLAW	342
PANASONIC	032 195 219 177 292 383 516
PARASOUND	129 130 132 261 294 295 333 334 553 554
PASS LABS	431
PHAST	196
PHILIPS	249 250 251 063 119 296
PIONEER	014 033 039 044 045 050 069 159 168 116 035 078 198 397 480 513 518 520 521 542 543 544 545 546 547
PLINIUS	458
POLKAUDIO	029 514
PRIMARE	461 462 463 464 465
PROCEED	144 268
QUAD	526
RCA	010 048 117 156 067 288
REALISTIC	019 056 073 075 095
REQUEST	351 511
ROKU	506 507
REVOX	162
ROTEL	074 083 085 501 502 503
RUSSOUND	379 391 392 445 446 527 528 529
SAMSUNG	016 571
SANSUI	040 048 110 119 065 228
SANYO	047 059
SCOTT	019 091
SEARS	076
SHARP	026 051 094 131 175 181
SHERWOOD	024 038 055 102 103 105 106 051 030 388 447 562
SIMAUDIO	449
SLIM DEVICES	512
SONY	018 084 093 223 247 248 160 166 015 101 184 218 271 353 369 372 380 395 417 421 574 575 576 577
SOUNDESIGN	036
SOUNDSTREAM	084 088
SOUNDMATTERS	375
SSI	068
STS	007
SUGDEN	430
SUMO	171
SUNFIRE	344 345 346 494 495
TAEKWANG	138
TAG MCLAREN	387
TEAC	005 019 049 111 212 217
TECHNICS	122 176 193 219 178 177 200 257 262
THETA DIGITAL	136
THULE	505
TOSHIBA	060 087 198 278 510

**AUDIO - Amps, Preamps and AV Receivers**

BRAND	CODE NUMBERS
TURTLE BEACH	416
WARDS	180
XANTECH	508 509
YAMAHA	026 253 169 067 173 205 264 232 089 274 285 332 373 427 428 429 432 433 434 435 436 437 540 541 557 558 559 560 561 565 566 567 578 579 580 581 582 583
YBA	485
ZENITH	143 210

**AUDIO - XM Radios & Tuners**

AIWA	170
BOSE	170 532
DELPHI	415 515
FANFARE	352
KENWOOD	550
POLKAUDIO	514
SONY	380

**SAT - Satellite Receivers**

ALPHASTAR	123
AMPLICA	050
BIRDVIEW	129 113 051 126
BSR	053
CABLEVISION	148
CAPETRONICS	053
CHANNEL MASTER	013 014 015 018 036 055
CHAPARRAL	008 009 012 077
CITOH	054
CURTIS MATHES	050
DISH NETWORK	122 167 168 184 185 186 187 188
DIRECTV	173
DRAKE	005 006 007 010 011 112 116 141 052
DREAM MULTIMEDIA	191
DX ANTENNA	024 046 056 076
ECHOSTAR	038 040 057 058 093 094 095 096 097 098 099 100 122 167 168 184 185 186 187 188
ELECTROHOME	089
EURO PLUS	114
EUROSAT	114
EXPRESSVU	122
FORCE	176
FORTEC STAR	177 178
FUJITSU	017 021 022 027 133 134
GE	151 106 150
GENERAL INSTRUMENT	003 004 016 029 031 059 101 148
GOI	122
HITACHI	139 140
HOME CABLE	080 044 029
HOUSTON TRACKER	033 037 039 104 057 051
HTS	122
HUGHES	068 154 161 162 165 166
HYTEK	053
HYUNDAI	149

## SAT - Satellite Receivers

BRAND	CODE NUMBERS
ICR	023
JANIEL	060 147
JERROLD	148
JVC	122
KATHREIN	108
LEGEND	057
LG	170
LUTRON	132
LUXOR	144 062
MACOM	010 059 063 064 065
MARANTZ	152 153
MEMOREX	057
MITSUBISHI	068 154
MOTOROLA	148 171
NEXT LEVEL	148
NEXTWAVE	028 124 125
NORSAT	069 070
PACE	143
PANASONIC	142 060 160
PANSAT	121 172
PERSONAL CABLE	117
PHILIPS	071 152 153 068 154 156
PL	023 026
PRESIDENT	019 102
PRIMESTAR	110 030
PROSAT	072
PROSCAN	151 106 150
RADIOSHACK	148
RCA	151 106 150
REALISTIC	043 074
SAMSUNG	155 123 163 169 175
SATELLITE SERVICE	028 035 047 085
SKY	164 171 174
SONY	103 104
STARCAST	041
STAR CHOICE	148
SUPERGUIDE	020 124 125
TEECOM	023 026 075 087 088 090 107 130 137
TOSHIBA	002 127 157 158 068 154
TOWN & COUNTRY	023 026
UNIDEN	016 025 042 043 044 045 048 049 078 079 080 086 101 135 136
VIEWSTAR	115
VOOM	148
WINEGARD	128 146
ZENITH	081 082 083 084 091 120 159
<b>CD - CD Players and Changers</b>	
ADCOM	062 042
AIWA	059 012 065 088 089 105 122 170 187
AKAI	085 195 202
AMC	231 232
AMEND	118
ARCAM	238
AUDIO ACCESS	119 147
AUDIO EASE	165

## CD - CD Players and Changers

BRAND	CODE NUMBERS
AUDIO TECHNICA	046
BSR	037 057
CALIFORNIA AUDIO	103 008
CAPETRONIC	063
CARRERA	057 080
CARVER	185 041 044 050 086 107 130 134 135 138 139 203 204 167
CASIO	111 182
CARY AUDIO DESIGN	261 262
CLASSE	267
CLARINETTE	182
CREEK	159
CROWN	035
DENON	002 123
EMERSON	042 069 102
FISHER	050 185 134 008
FRABA	111
GENEXXA	010 069 102
GOLDSTAR	080
HAITAI	093
HARMAN KARDON	018 033 047 208 272
HITACHI	042 175
INKEL	130 143 144
INTEGRA	030 273
JCPENNEY	014 061 092 141
JENSEN	158
JVC	004 022 136 163 213 214 242 243
KENWOOD	185 007 023 055 071 072 142 137 254
KOSS	061
KRELL	241
KYOCERA	005
LOTTE	102
LUXMAN	011 028 070 076 249 252
LXI	059
MAGNAVOX	044 107
MARANTZ	027 041 044 051 077 107 209 246 274
MCINTOSH	212 247
MCS	014 073 092
MEMOREX	010
MISSION	044 107
MITSUBISHI	179
MITSUMI	153
MODULAIRE	182
MONDIAL	147
MUSICAL FIDELITY	258
MYRYAD	244 265
NAD	006 005 067 178
NAIM	271
NAKAMICHI	217 218 219 095
NEC	014 062
NIKKO	046
NSM	044 107
ONKYO	030 038 039 168 169 273
OPTIMUS	010 050 057 058 081 082 083 085 093 195
PANASONIC	103 201 172 008 068 248
PARASOUND	233 240
PHILIPS	041 044 107 246 253
PIONEER	010 020 025 056 174 175 176 257 263

## CD - CD Players and Changers

BRAND	CODE NUMBERS
PRIMARE	266
PROCEED	239
PROTON	044 107 228
QUAD	269
QUASAR	103 008
RADIO SHACK	182
RCA	017 042 150
REALISTIC	042 050 051 102 181 182 187
ROTEL	044 107 161 178 250
SAE	044 107
SANSUI	044 069 107 128 171 190 125
SANYO	050
SCOTT	069 102
SHARP	026 031 051 066
SHERWOOD	003 019 051 096 112 115 119 166
SIGNATURE	033
SONY	048 081 097 126 133 177 225 226 164 259 260
SOUNDESIGN	251
SUGDEN	264
SUMO	155
SYLVANIA	044 107
SYMPHONIC	052 181
TAEKWANG	195 085
TANDY	010
TEAC	015 034 036 051 052 101 131 140 079
TECHNICS	060 103 200 172 184 008 068
TECHWOOD	076
THETA DIGITAL	234 235 270
TOSHIBA	006 067 091 160 148
VECTOR RESEARCH	080
VICTOR	004 022 114 124
WARDS	185 033
YAMAHA	024 046 054 186 183 245
YORX	182

## DVR - Digital Video Recorders (TiVo, Replay)

DIRECTV	117
HUGHES	108 117
HUMAX	118
PHILIPS	108 090 117
PIONEER	117
RCA	109
REPLAY TV	075
SONY	104 105
TIVO	090 117 118

## LIGHT - Lighting Systems

X-10	093 183 257
LITE TOUCH	208 212
LIGHTOLIER CONTROLS	307
LUTRON	077 158 159 306
RAKO	301 302 303 304 305
XANTECH	188 189

## AUX - Custom Installation Products

BRAND	CODE NUMBERS
3M	152
ADS TECH	404
AHANIX	260
AIWA	164
APPLE	412 401
ARCHER	155
AURORA	300
AUTON	191
AURORA MULTIMEDIA	220
BEDIENUNGSANLEITUNG	221
BOSE	409
CALYPSO	491 492 493 494
CE LABS	298
CELADON	211
CRESTRON	213 214 215 216 217 218
DA LITE	269
DDI	403
DELL	261 262 263 264 265 266 267 268
DMX	156
DRAPER SCREEN	204
DREAMVISION	097
DVDO	299
DWIN	080 253
EVERQUEST	206
EXTRON	151
FAROUJJA	184 254
FUJI	209
GATEWAY	261 262 263 264 265 266 267 268
HAUPPAUGE	294 295
HP	261 262 263 264 265 266 267 268 252
HUNTER DOUGLAS	219
IOGEAR	407
JERROLD	153
JVC	185
KALEIDESCAPE	259
KENSINGTON	406
KENMORE	251
KENWOOD	185
KEY DIGITAL	273 274 275
KEYSPAN	297
LG	296
LINKSYS	270
MAKITA	186 201
MICROSOFT	408 107 261 262 263 264 265 266 267 268 252
MINDPATH	205
NILES	160 187 272
NSM	161
PIANO DISC	085
PINNACLE	405
POLK AUDIO	162
PRIMARE	402
RCA	258
RUSSOUND	081
SCIENTIFIC ATLANTA	156 163
SIMA	082
SOLO ELECTRONICS	207
SOMFY	078 079 411

## AUX - Custom Installation Products

BRAND	CODE NUMBERS
SONY	164 165 166 271 261 262 263 264 265 266 267 268 414
STARCOM	153
TOSHIBA	261 262 263 264 265 266 267 268
TURBOSCAN	167
VELODYNE	203 413
WINBOOK	261 262 263 264 265 266 267 268
WURLITZER	410
XANTECH	168 169 170 171 172 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293

### AUX - Media PC Controls

DELL	261 262 263 264 265 266 267 268
GATEWAY	261 262 263 264 265 266 267 268
HAUPPAUGE	294 295
HP	261 262 263 264 265 266 267 268 252
KEYSPAN	297
MICROSOFT	261 262 263 264 265 266 267 268 252
SONY	261 262 263 264 265 266 267 268
TOSHIBA	261 262 263 264 265 266 267 268
WINBOOK	261 262 263 264 265 266 267 268

### AUX - XBox Controls

MICROSOFT/XBOX	408 107
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### AUX - iPod Controls

APPLE/iPod	412 401
BOSE	409
KENSINGTON	406

### WEBTV - Internet Browsers for TV

ECHOSTAR	106
MITSUBISHI	102
SONY	096
PHILIPS/MAGNAVOX	095

### TAPE - Tape, Cassette and Reel to Reel recorders

AIWA	015 071 100 114
CARVER	006 008 027 024 036 137
DENON	105 227 229
FISHER	064
GOLDSTAR	011
HARMAN KARDON	233
JVC	106 116 239 240
KENWOOD	005 013 023 026 064 145 146 181 190
LINN	124
LUXMAN	035 137 139
MAGNAVOX	027





## Frequently Asked Questions

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

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

### **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)*

## Warranty

The Omega 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. Units purchased from online auction sites or other unauthorized resellers have no warranty. This warranty does not cover the following items:

- 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.
- Units purchased from unauthorized dealers or companies.

## Specifications

Learning Capability - 1585 IR commands

Macro Capability - 913 Macros of up to 190 steps each

Range - Line of Sight via Infrared): 30-50 feet,

- Radio frequency): 50 to 100 feet

Note: Both line of sight and RF range vary, depending upon the environment

RF Frequency: 418MHz

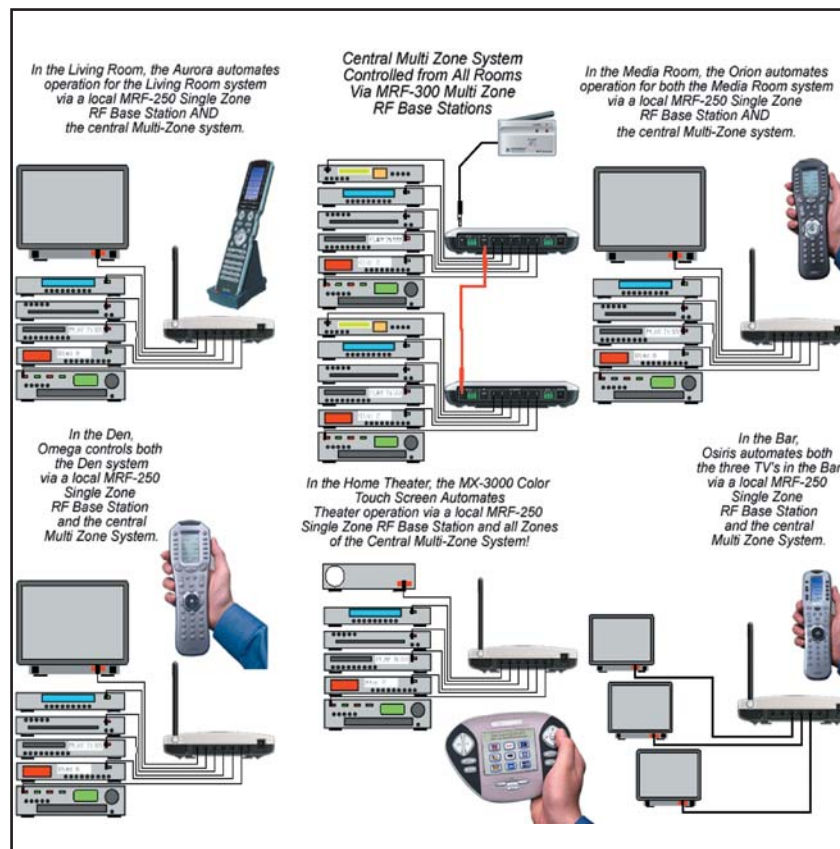
Weight: 8 oz. (with batteries)

Size: 8.5" x 2 7/16" x 1"

Batteries: Four AAA Alkaline batteries included

LCD Size: approximately 7/8" x 1-7/8"

# The Complete Control™ Remote Control System



## Universal Remote Control

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

OCE-0031B  
Rev03

# Information To The User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Warning

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.



Universal Remote Control, Inc.  
500 Mamaroneck Avenue, Harrison, NY 10528  
Phone: (914) 835-4484 Fax: (914) 835-4532