

Universal Remote Control

OWNER'S MANUAL

simply the MOST powerful™

RF30



MasterControl™

Congratulations!

Congratulations on purchasing Universal Remote Control's MASTERCONTROL™ RF30 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 RF30 can be used with thousands of audio/video Components because of the extensive code library pre-programmed into the remote. And, the RF30's impressive lineup of special advanced features can automate and customize the operation of your system in many ways. So... get ready to sit back, relax and

simplify your home entertainment experience.

The Quick Setup DVD Program Guide supplied with the RF30 will assist you in programming your remote by guiding you through an easy step-by-step process. This Owner's Manual is designed as a companion reference source to the DVD Guide, should you need to refer back to a particular section, or review certain instruction detail not covered in the DVD. However, if you are unable to watch the DVD Guide for some reason, everything you need to know about programming the RF30 is contained in this Manual.

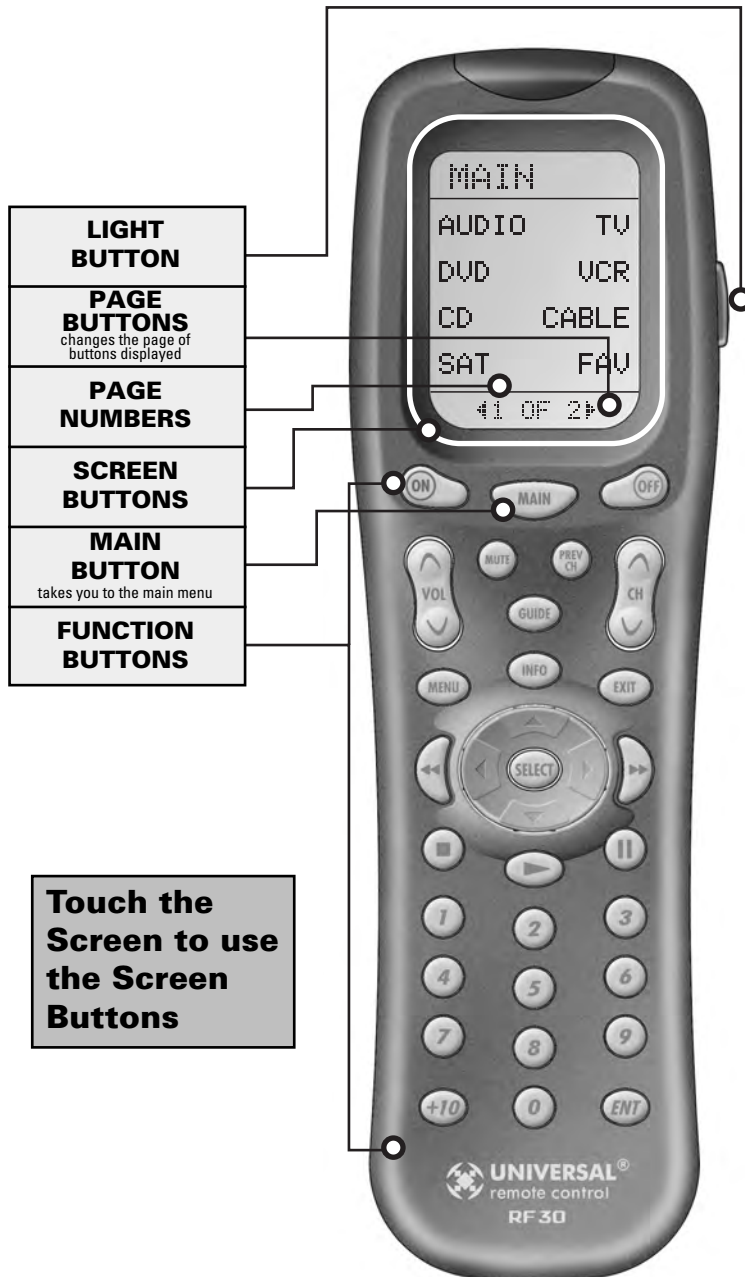


500 Mamaroneck Avenue, Harrison, NY 10528
Phone: (914) 835-4484 Fax: (914) 835-4532

MASTERCONTROL™ RF30 Owner's Manual
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Getting Started-Overview

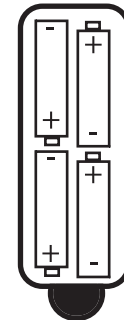
This is what MASTERCONTROL™ RF30 is all about!

The RF30 is designed to operate up to 15 different Audio/Video Components and is pre-programmed to operate virtually all brands of TV, VCR, DVD and CD Players, Cable Set Top Boxes, Satellite Receivers, TiVo and other DVRs, Audio Components, Tape Decks, Multimedia PCs, XM Radio, Ipod, X-Box, Lighting Controls and other custom installation products. It also offers an impressive lineup of special features designed to provide you with many time-saving conveniences and enhance your overall entertainment experience. However, we strongly recommend that you fully complete all of the Basic Setup steps before proceeding to customize your RF30 with any of the special advanced features.

Battery Installation

The very first step is to insert the four AAA batteries that are included in the package into the battery compartment located in the back of the remote. Just press the tab and lift off the cover. Please be sure to insert the batteries correctly as you see in the diagram. Remember, there is a positive and negative end to each battery and you can

tell by the + (positive) and – (negative) symbols. Once the batteries are correctly installed, replace the cover. Now you're ready to start!



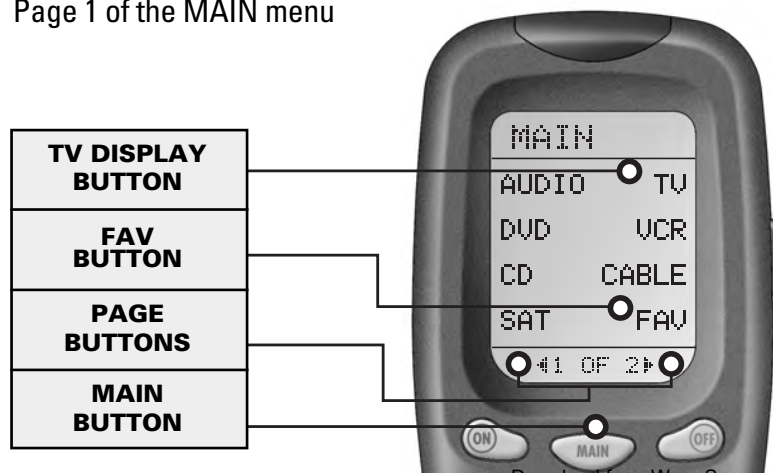
Activating Component Commands – Simple, Easy, Intuitive

Once you've programmed RF30 for your Components, all you have to do to operate a specific Component is first, press the MAIN button. This will display Page 1 of the MAIN menu on the LCD touch screen. Page 1 of the MAIN menu displays seven Components, plus FAV (Favorite Channel). Then, simply select the Component you want to operate by pressing the desired Component display button on the LCD Touch Screen. As an example, if you press the TV display button, the display label at the top of the screen will change from MAIN to TV, and all the buttons on RF30 will work your TV. To operate another Component, simply press the MAIN button again to return to Page 1 of the MAIN menu

and select the next Component you want to operate.

If you don't see the Component you want to control on Page 1 of the MAIN menu, just use the PAGE (◀) (▶) display buttons at the bottom of the screen to bring up Page 2 of the MAIN menu which displays an additional eight Components.

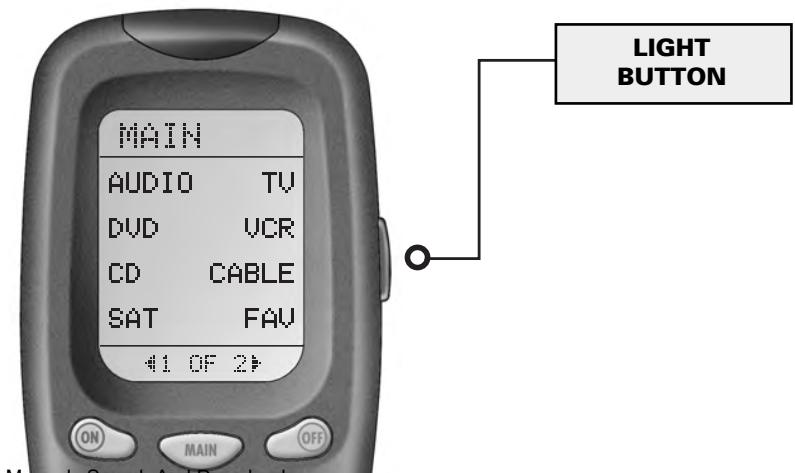
Each Component is provided with four pages of pre-labeled command display buttons (or space for additional command display buttons). Once again, simply use the PAGE (◀) (▶) display buttons to take you to the next command page, or return you to the previous command page.



Light Button

The fully backlit keypad makes the RF30 easy to use in the dark or dim lighting conditions. Simply press the LIGHT button to backlight all the keypad buttons and LCD touch screen. To turn off the backlight, press the LIGHT button again, or just wait ten seconds (the backlight automatically shuts itself off). Lights out!

Try it out!



Basic Setup - Overview

There are two ways to program the RF30:

- **The Pre-Programmed Code Method**
- **The Learning Method**

The Pre-Programmed Code Method allows you to set up all the buttons at once, so it's the fastest and easiest of the two methods. The Learning Method allows you to transfer functions from other remotes (old or new), one button at a time.

Pre-Programmed Code Method

STEP 1:

The pre-programmed 3-digit codes are found in the back of this Manual on page 44. The codes are listed by Component category (i.e., TV, VCR, DVD, etc.), then by brand name. For instance, if you want to locate a code for a Sony TV, first locate the TV category, and then look for the Sony brand.

Once you have located the 3-digit code (or in some cases, several code numbers) for the Component that you want to operate with your RF30, write them ALL down on a piece of note paper. It's important that you write down all the codes because only one code is going to work for you.

STEP 2:

Now, turn on the Component you want to program... let's say your TV to start. Look up your TV's manufacturer setup code from your reference list.



STEP 3:

Press and hold the MAIN and ENT (Enter) buttons at the same time for approximately 3 seconds, until the word "SETUP" is displayed at the top of the LCD touch screen. This signals that you are now in setup mode.

IMPORTANT:
You now have 30 seconds to perform the next step while you are in SETUP mode. If you don't press a button within 30 seconds, SETUP will disappear from the screen, signaling that you have exited setup mode and you will need to start over.

**MAIN
BUTTON**

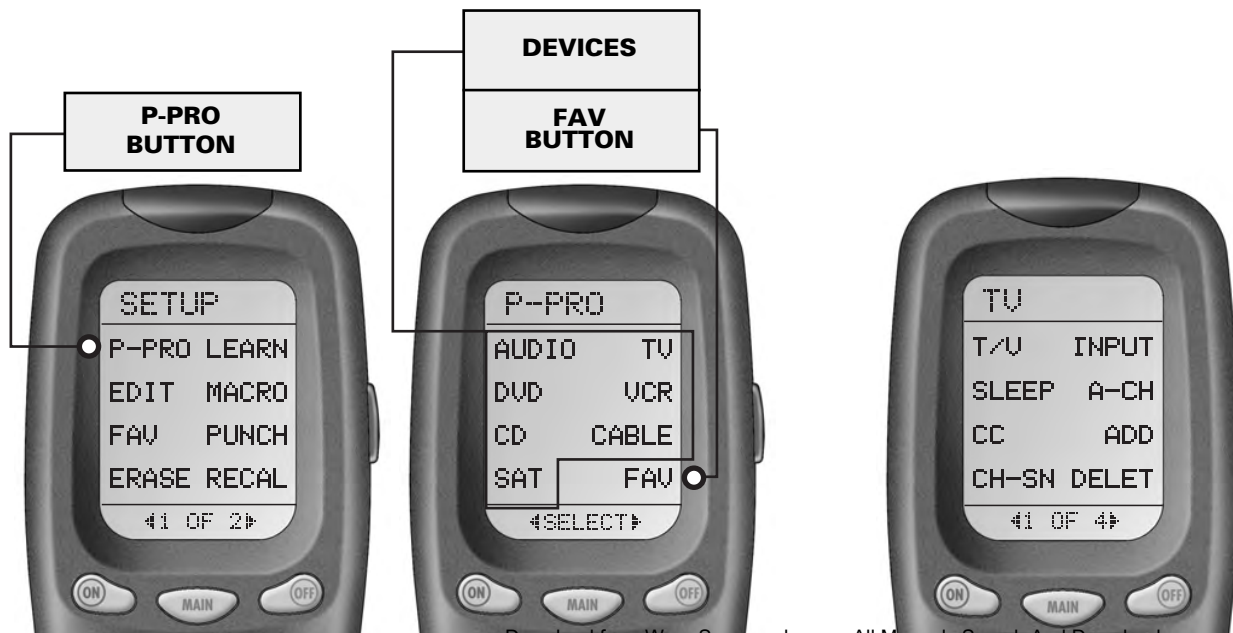
**ENTER
BUTTON**

STEP 4:

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

The screen will then display the seven Components (and FAV) on Page 1 of the MAIN menu.

To display Page 2 of the MAIN menu that lists an additional eight Components, simply press the (◀or▶) Page buttons at the bottom of the screen.

**STEP 5:**

Press the Component button you want to program. For example: If you want to setup the TV Component button, press the TV Component button. The display at the bottom of the LCD screen will flash "FROM - TABLE".

STEP 6:

In this step you verify the type of component you plan to operate with this component button. For example: If you plan to operate the TV component with the TV button, simply press the TV button once again. However, if for example you are setting up AUX to operate a second DVD Player, you would first need to press AUX in Step 5, and then DVD in Step 6.

NOTE:

If the Component fails to turn off after you have entered all the code numbers listed for your brand, you can scan through all the other code numbers that are pre-loaded into the RF30 for that Component (in this case TV) by using the UP or DOWN buttons on the screen. (There is a chance that your Component was actually manufactured by another brand.) However, most of the code tables are so large that it is usually faster to use the Learning Method on Page 15.

STEP 7:

Point the RF30 toward the Component you want to program, (in this example, TV), and punch in the 3-digit code that you wrote down for that specific Component. Use the Number buttons 0-9 on the remote to punch in the code. If the 3-digit code number that you just punched in is correct, the Component will turn off. If the Component does not turn off, continue entering code numbers from your list until the Component turns off. Some brands have several possible code numbers.

**NUMBER
BUTTONS****STEP 8:**

When the Component turns off, press the ON button to turn the Component back on. Now you can test the Volume and Channel buttons (for TV), or PLAY and STOP (for VCR and DVD) to make sure they all work. If any of the buttons do not work properly, you need to

**UP & DOWN
BUTTONS**

find a new correct code. For example, maybe your Sony TV turned off with code number 147, but the volume controls did not work properly. If this is the case, try the next code number listed for that Component until you find a perfect match.

**ON
BUTTON****VOLUME
BUTTONS****CHANNEL
BUTTONS****PLAY
BUTTON****STOP
BUTTON**

STEP 9:

Once you have found the right code, save the code number by pressing the SAVE button that appears on the LCD screen. The LCD screen will blink "SAVED" two times, signaling that the code number has been successfully saved.

STEP 10:

Exit SETUP mode by pressing the MAIN button two times. When the LCD screen displays MAIN, you are back in normal operating mode.

NOW, PROGRAM THE REST OF YOUR COMPONENTS BY REPEATING STEPS 1 THROUGH 9. IN MOST SYSTEMS, YOU CAN FINISH BASIC SETUP IN JUST A FEW MINUTES AND PUT ALL YOUR OLD REMOTES AWAY.

IF YOU ARE STILL MISSING COMMANDS TO CONTROL ANY OF YOUR COMPONENTS, USE THE LEARNING METHOD ON PAGE 15.



Learning Method

The RF30 can actually 'learn' commands from other remote controls (old or new), one-button-at-a-time, so it will never become obsolete. RF30 is the last remote you'll ever need! Just follow these simple steps:



STEP 1:

Line-up the RF30 with the other remote control, head-to-head, one or two inches apart.

STEP 2:

On the RF30, press and hold the MAIN and ENT (Enter) buttons at the same time for approximately three seconds, until the word "SETUP" is displayed at the top of the LCD touch screen. This signals you are now in SETUP mode.

IMPORTANT:

You now have 30 seconds to perform the next step while you are in SETUP mode. If you don't press a button within 30 seconds, SETUP will disappear from the screen, signaling that you have exited setup mode and you will need to start over.

MAIN
BUTTON

ENTER
BUTTON



STEP 3:

Press the LEARN button on the LCD screen. The top of the screen will change to "LEARN" and display the seven Components (and FAV) from Page 1 of the MAIN menu.

To display Page 2 of the MAIN menu that lists an additional eight Components, simply press the (◀ or ▶) Page buttons at the bottom of the screen.

STEP 4:

Select the Component you want to teach commands to by pressing that Component button on the LCD screen (in this example, TV). The top of the screen will change to "TV".

NOTE: If you want to teach any command to a Component button, press the Component button once the top of the screen displays "MAIN", by pressing the PAGE button. The top of the screen will change to "READY". Then go to STEP 6.



LEARN
BUTTON

STEP 5:

Press any button on the RF30 that you want to teach a command to. The top of the screen will change to "READY" and the bottom of the screen will display the button you pressed.



NOTE: If you don't see the display button you would like to teach on the LCD screen, use the (◀ or ▶) PAGE buttons at the bottom of the screen. The only buttons you can't teach are the PAGE and MAIN buttons.

STEP 6:

Press and hold the button on the other remote control that you want to 'teach' to the RF30 until the LCD display on the RF30 changes to either "GOOD" or "FAILED". If the "GOOD" label appears on top of the display and "SAVED" flashes on the bottom, you were successful. If the "FAILED" label appears on top of the display, try 'teaching' the same button to the RF30 once again by repeating STEPS 5 and 6.

**STEP 7:**

Now, continue to teach the RF30 any other commands from your old remotes by repeating STEPS 4 through 6 (to go back to STEP 4, simply press MAIN once).

STEP 8:

Once you have completed teaching all the button commands to the RF30, return to normal operation by pressing the MAIN button twice.

Test all your new commands. If any of them don't work, try the Learning Method again, following these suggestions:

- Move to another room. Plasma TVs, sunlight, halogen or quartz lighting can interfere with the learning process.
- Even though the old remote seems to be working fine, put in fresh alkaline batteries.
- Gradually vary the distance between the remote controls.

Try 1", 2" and so on, up to 4 feet.

- Try tapping the button on your old remote instead of pressing and holding it during the learning process.

Some additional Information regarding the Learning Process:

- Learned functions override any existing pre-programmed functions on the remote control.
- All buttons can be learned except for the PAGE, MAIN and LIGHT buttons.
- Learned functions are automatically erased when a new function is learned on the same button.
- Learned functions are retained even after a different Setup Code Number is programmed into the remote.
- To return to an original pre-programmed function, a learned function must be erased.

Transmitting (Busy Signal) Icon

When a command is being transmitted, an icon will appear in the upper right corner of the LCD screen. This indicates that a signal is being sent. This is particularly useful when setting up Macros and FAVs, since it flashes with every step of a sequence of commands.



CHILD LOCK FEATURE

This 'child-lock' feature prevents the unauthorized use of the remote control by children. It blocks all operations of the remote control.

To Activate:

Press the +10 and ENT (Enter) buttons simultaneously for 3 seconds. The bottom of the LCD will blink "LOCKED" three times and then display "LOCKED".

To Return to Normal Operation:

Press the +10 and ENT (Enter) buttons simultaneously again for 3 seconds. The LCD will display the last use mode.

Customizing Your RF30 with Special Advanced Features

After you've finished all your basic setup, you can choose to make operation easier by customizing the RF30 just the way you want, using the Special Advanced Setup Features described in this section.

Customizing the LCD Touch Screen

You can easily edit or change the name of any of the display buttons (including Favorite Channels) on the LCD screen by following these steps:

STEP 1:

Press and hold the MAIN and ENT (Enter) buttons at the same time for approximately 3 seconds, until the word "SETUP" is displayed at the top of the LCD touch screen. This signals that you are now in setup mode.

IMPORTANT: You now have 30 seconds to perform the next step while you are in SETUP mode. If you don't press a button within 30 seconds, SETUP will disappear from the screen, signaling that you have exited setup mode and you will need to start over.

STEP 2:

Press the EDIT button. The LCD display will change to the EDIT menu.

STEP 3:

Press the TEXT button. The screen will display the list of Components and "EDIT" will appear at the top of the screen.

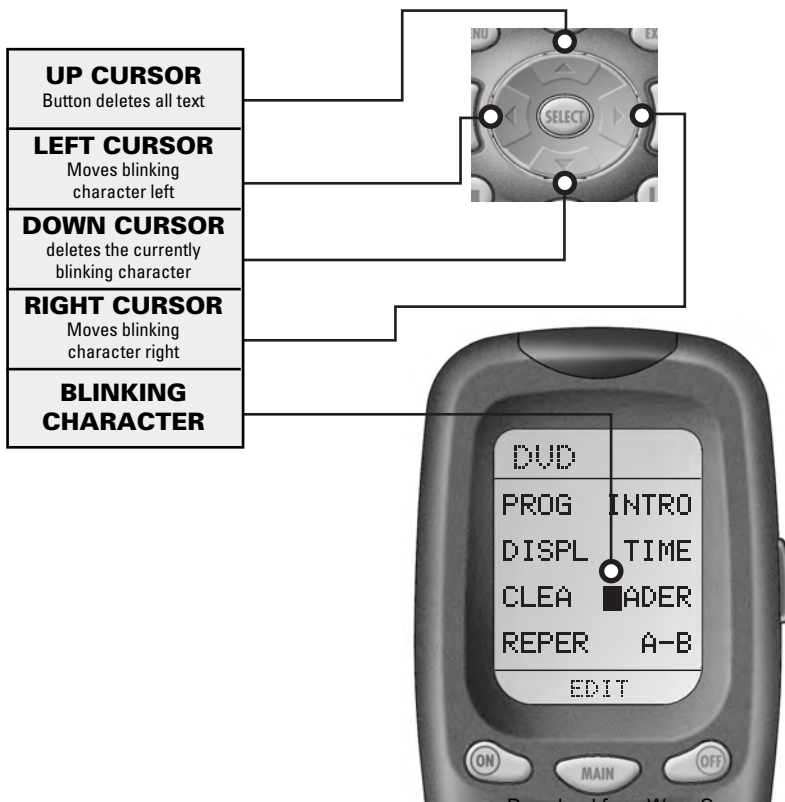
STEP 4:

Navigate to the Component and page where there is a button label you want to EDIT, selecting between the FAV, MAIN, COMPONENT; then using the PAGE button.

NOTE: If you wish to change the name of a Component button, press the Page (▶) button twice. The top of the display will change to MAIN, and you can navigate to MAIN page 1 or page 2 before going on to Step 5.

STEP 5:

Press the button you wish to edit. The first character space of your button label will start to blink.

**STEP 6:**

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 in the diagram below.

**STEP 7:**

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

STEP 8:

When you are finished editing the button, press the button you edited and "SAVED" will flash at the bottom of the display.

To change any other button labels on the same Component, press the next button, then repeat steps 6-8. If you wish to edit a button on another Component, press the MAIN button once, then repeat Steps 4-8.

STEP 9:

Once you've finished editing buttons, press the MAIN button four times to return to normal operation.

Favorite Channel Setup

This is one of RF30's most desirable features. Once it's set up, you can select up to 40 favorite channels with the press of a button - without the need to remember or type in a channel number. Let the channel surfing begin!

To access Favorite Channel listings, press the MAIN button to bring up Page 1 of the MAIN menu. Then press the FAV (Favorite Channel) button on the LCD touch screen. The screen changes to a list of favorite TV channels. Each button can be set to instantly select the channel on your TV. There are five pages of eight favorite channel buttons for a total of 40. Simply touch the PAGE buttons to display the other pages of favorite channels.

To setup a Favorite Channel button, follow these steps:

STEP 1:

Press and hold the MAIN and ENT (Enter) buttons at the same time for approximately 3 seconds, until the word "SETUP" is displayed at the top of the LCD touch screen. This signals that you are now in setup mode.

IMPORTANT: You now have 30 seconds to perform the next step while you are in SETUP mode. If you don't press a button within 30 seconds, SETUP will disappear from the screen, signaling that you have exited setup mode and you will need to start over.

STEP 2:

Press the FAV display button.

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

STEP 3:

Use the Page buttons until you locate the name (i.e., ABC, CBS, NBC) of the favorite channel you want to setup.

STEP 4:

Press the favorite channel button you want to setup. The top of the screen will change to show the channel name. The bottom of the screen displays "STEP0", indicating that you have not entered the channel number yet.

STEP 5:

Press either the TV, SAT or CABLE Component button (select the Component you use to enter channel numbers).

STEP 6:

Press each of the number buttons for the channel.

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 (II) PAUSE button. Each press of the PAUSE button increases the delay by a half second.



STEP 7:

Press the LIGHT button after you enter the channel number. A new screen appears displaying SAVE, UNDO or EXIT.

STEP 8:

To save the channel you entered, press the SAVE button. The UNDO button lets you erase the last entry. The EXIT button erases all entries for this button.

STEP 9:

When you are finished setting up Favorite Channel buttons, press the MAIN button twice to return to normal operation.

**SAVE
BUTTON**



MacroPower™ Setup

MacroPower™ is a unique feature that enables you to turn all of your Components ON or OFF, at the same time, simply with the press of one button. We call that a "Macro". What would normally take multiple remotes and button pushes, the RF30 can accomplish with the press of one button. In addition to the Power ON or OFF buttons, any of the Display buttons (on any Component or Page) can be set to be Macro buttons as well. Feel the power!

To setup a Power ON macro button that will turn ON several components at the same time (for example, TV, VCR and CABLE), follow these easy steps:

STEP 1:

Press and hold the MAIN and ENT (Enter) buttons at the same time for approximately 3 seconds, until the word "SETUP" is displayed at the top of the LCD touch screen. This signals that you are now in setup mode.

IMPORTANT: You now have 30 seconds to perform the next step while you are in SETUP mode. If you don't press a button within 30 seconds, SETUP will disappear from the screen, signaling that you have exited setup mode and you will need to start over.

STEP 2:

Press the MACRO button on the LCD screen. The top of the screen will display "MACRO". The bottom of the display will flash "SELECT".

STEP 3:

Press the ON button. "ON" will display at the top of the LCD screen. "STEP0" will display at the bottom of the screen indicating that no macro steps have been entered yet.

STEP 4:

Press the first component button you want the Macro to turn on (in this example, TV) and "TV" will display at the top of the screen and "STEP 1" at the bottom.

STEP 5:

Then, press the ON button to confirm the command and "STEP 2" will display at the bottom of the screen. (NOTE: Whenever a button is pressed, another Macro step is counted and displayed at the bottom of the screen.)

STEP 6:

Now, press the MAIN button to return to the Main Component listing. ("STEP 3" will display at the bottom of the screen.)

STEP 7:

Press the second component that you want the Macro to turn on (in this example, VCR) and "VCR" will display at the top of the screen. ("STEP 4" will display at the bottom of the screen.)

STEP 8:

Then, press the ON button to confirm the command. ("STEP 5" will display at the bottom of the screen.)

STEP 9:

Now, press the MAIN button to return to the Main Component listing. ("STEP 6" will display at the bottom of the screen.)

STEP 10:

Press the third component that you want the Macro to turn on (in this example, CABLE) and "CABLE" will display at the top of the screen. ("STEP 7" will display at the bottom of the screen.)

STEP 11:

Then, press the ON button to confirm the command. ("STEP 8" will display at the bottom of the screen.)

NOTE: 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!

You can also program delays in between commands by pressing the (II) PAUSE button. Each press adds half a second to the delay.

STEP 12:

Press the LIGHT button to end your macro. A new screen will appear:

STEP 13:

If you are satisfied with your macro, press SAVE. The UNDO button lets you erase the last step. The EXIT button erases all the macro steps.

STEP 14:

Press the MAIN button twice to return to normal operation.



Advanced Macro Options:

SETTING UP A POWER OFF MACRO:

Simply follow the same steps as outlined above, except press the OFF button in place of the ON button.

SETTING A COMPONENT BUTTON AS MACRO:

If you wish to set one of the Component buttons as a macro, in STEP 3, press the Page (▶) button twice. The top of the display will change to MAIN, and you can navigate to MAIN page 1 or page 2. Press the Component button you want to set as a Macro button. The top of the screen will display the button label you selected. Select the Component and Page that has a button you want in your Macro using the MAIN, Component and Page buttons. Simply press the button(s) with the command(s) you want in your Macro. Then complete and save the Macro by following STEPs 12 and 13 as outlined above.

PROGRAMMING A "RESS & HOLD" MACRO:

Another option for Component 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 COMPONENT button will simply switch Components without sending the macro command.

SimpleSound™ Setup & Other 'Punch Throughs'

SimpleSound™ is a dynamic feature that gives you total volume control over all the Components in your system, even those without 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. With SimpleSound™, you can set the RF30's volume control buttons to always control the sound in your system, even when you're in VCR or DVD mode, without switching back to AUDIO or TV. Even more exciting, SimpleSound™ is what is called a 'Punch Through' feature and is not limited strictly to volume control. Click and enjoy!

STEP 1:

In a basic home entertainment system, the sound may come from your TV. In a more advanced system, the sound may come from your audio Component such as a Surround Sound Receiver or Home Theatre system. So, first, you need to identify which Component you want to use in your system for sound.

STEP 2:

Press and hold the MAIN and ENT (Enter) buttons at the same

time for approximately 3 seconds, until the word "SETUP" is displayed at the top of the LCD touch screen. This signals that you are now in setup mode.

IMPORTANT: You now have 30 seconds to perform the next step while you are in SETUP mode. If you don't press a button within 30 seconds, SETUP will disappear from the screen, signaling that you have exited setup mode and you will need to start over.

STEP 3:

From the LCD screen Setup menu, press the PUNCH button.

STEP 4:

Then press the VOL (Volume) button. The screen will display "VOL" at the top. 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". Press the button for the Component that doesn't have volume control commands yet (i.e., DVD). This is the Component you are going to PUNCH TO for the volume and mute commands.

NOTE: If you want to PUNCH TO the MAIN Component, press the POWER OFF button at this time.

STEP 5:

The bottom of the display will then flash "PUNCH FROM". Now select the Component that has the volume commands you want to use (i.e., TV for systems using the TV speakers, AUDIO for systems with surround sound receivers). The bottom of the display will flash "SAVED".

STEP 6:

Repeat STEPS 4-5 until all your Components operate the volume perfectly.

STEP 7:

Press the MAIN button twice to return to normal operating mode and test your SimpleSound™ settings.

NOTE: The Punch Through feature is not limited to volume and can also be applied to channel selection or other functions. If you find yourself switching to a particular Component frequently to use a group of controls, consider using Punch Through for another group, as listed here:

- VOL** - Volume Up, Volume Down and Mute
- CH** - Channel Up, Channel Down, Previous Ch and Channel (0-9) buttons.
- PLAY** - Play, Stop, Pause, Rewind and Fast Forward
- VOD** - Guide, Menu, Info, Exit, Up, Down, Left, Right, Select

Simply perform the steps outlined above, but in STEP 4, press one of the control options (CH, PLAY or VOD).

Setting Backlight Options

You can customize the backlighting feature to suit your specific preferences by following these simple steps:

Adjusting Length of Backlight Time

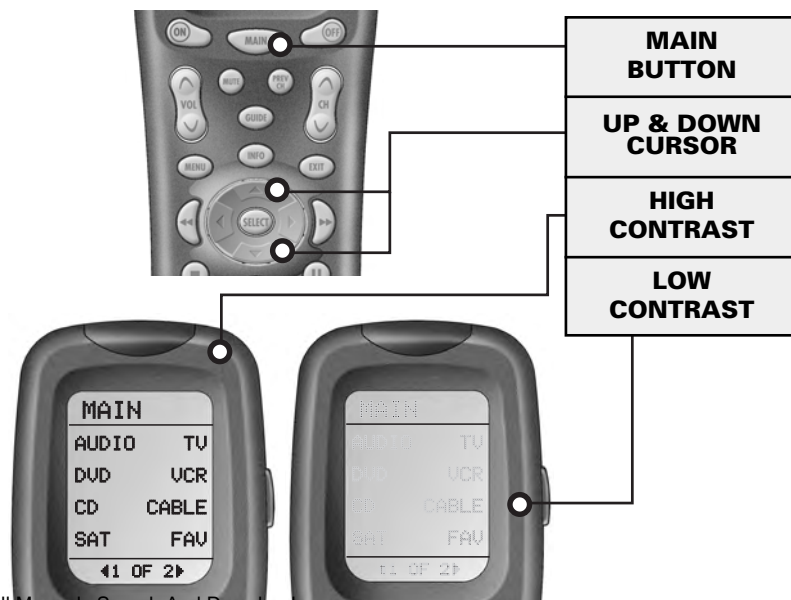
You can adjust the amount of time that the RF30 backlight stays on by entering the SETUP mode and proceeding to page two (using the PAGE (▶) button), then pressing the LIGHT button on the display (not the Backlight button). Then enter the amount of time you would like the light to stay on using the number pad (0-99 seconds). After making your selection, press the SAVE button.

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.

Turning OFF Backlighting

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.



Hiding and Adding Pages

Each of your RF30 Components actually contains five pages. However, only four pages are visible in the factory default setting. One page is hidden in each Component. If you wish to use the hidden page, you can ADD it. If you don't want to use some of the existing pages, you can HIDE them. You can add or hide pages on Components OR on your favorite channel pages using this simple process:

NOTE: Be sure to program your Macros before you hide pages with potential macros in them. You can't access hidden pages during macro setup. However, after you finish Macro setup, you can hide pages without affecting operation of your macros.

STEP 1:

Press and hold the MAIN and ENT (Enter) buttons at the same time for approximately 3 seconds, until the word "SETUP" is displayed at the top of the LCD touch screen. This signals that you are now in setup mode.

IMPORTANT: You now have 30 seconds to perform the next step while you are in SETUP mode. If you don't press a button within 30 seconds, SETUP will disappear from the screen, signaling that you have exited setup mode and you will need to start over.



STEP 2:

Press the EDIT button on the LCD screen.

STEP 3:

Press the PAGE button once the screen changes to EDIT mode.

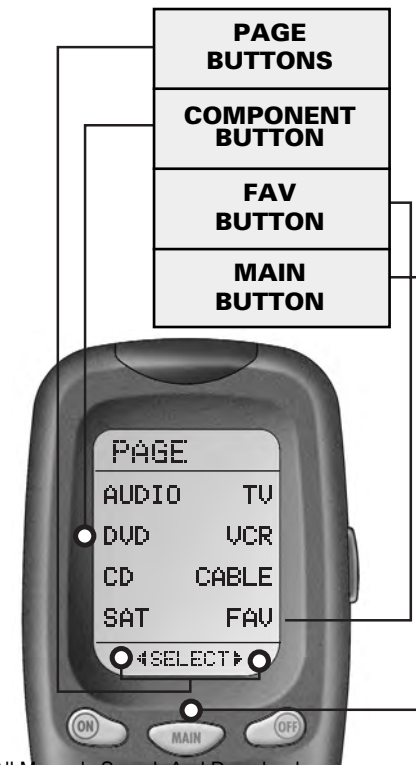


STEP 4:

"PAGE" appears at the top of the screen. Now, you can navigate to any page, using the MAIN, COMPONENT, FAV, and PAGE buttons.

STEP 5:

When you select a page, the top of the screen indicates whether you want to "ADD?" or "HIDE?" the page displayed. When you want to change a page's visibility (i.e., either ADD or HIDE), simply press the LIGHT button.



STEP 6:

You can continue to ADD or HIDE pages on other devices by repeating Steps 4 and 5.

STEP 7:

When you are finished adding and hiding pages, press the MAIN button four times to return to normal operation.



This page is hidden. To ADD it, press the LIGHT button



This page is visible. To HIDE it, press the LIGHT button.

Recalling Pre-Programmed Setup Code Numbers

In case you didn't write down the Pre-Programmed Code Numbers that you used to set up your RF30, you can easily recall them using this simple process:

STEP 1:

Press and hold the MAIN and ENT (Enter) buttons at the same time for approximately 3 seconds, until the word "SETUP" is displayed at the top of the LCD touch screen. This signals that you are now in setup mode.

IMPORTANT: You now have 30 seconds to perform the next step while you are in SETUP mode. If you don't press a button within 30 seconds, SETUP will disappear from the screen, signaling that you have exited setup mode and you will need to start over.

STEP 2:

Press the RECAL button on the LCD screen. Each of the four screen pages will display the Component name and its corresponding code number.

NOTE: Use the (◀ or ▶) page buttons to display any of the four pages of Components and their code numbers.

STEP 3:

Write down the code numbers as they appear for future reference. Page 43 of this manual provides a convenient space for you to record your code numbers.

STEP 4:

Return to normal operation by pressing the MAIN button twice.

Cloning Other RF30s

If you are fortunate enough to own more than one RF30, you'll be happy to know that you can easily copy and transfer all the setup from one RF30 to another. Just follow these easy steps:

STEP 1:

For both the programmed RF30 that you want to clone, and unprogrammed RF30, press and hold the MAIN and ENT (Enter) buttons at the same time for approximately 3 seconds, until the word "SETUP" is displayed at the top of their respective LCD touch screens. This signals that both remotes are now in setup mode.

IMPORTANT: You now have 30 seconds to perform the next step while you are in SETUP mode. If you don't press a button within 30 seconds, SETUP will disappear from the screen, signaling that you have exited setup mode and you will need to start over.

STEP 2:

Press a PAGE button on each remote to bring up Page 2 of Setup and display the CLONE button.

STEP 3:

Press the CLONE button on each remote.



STEP 4:

Align the two RF30s head-to-head, about an inch apart.

STEP 5:

Press the RECV display button on the unprogrammed RF30 that you want to setup by cloning.

STEP 6:

Press the SEND display button on the programmed RF30 that you want to clone.

STEP 7:

Press the START button on the unprogrammed RF30, and then press the START button on the programmed RF30 that you want to clone.

NOTE: Cloning typically takes about 40 seconds. After successful cloning is completed, the newly cloned RF30 will flash "GOOD".

STEP 8:

Return to normal operation by pressing the MAIN button twice.



Erasing Commands - Overview

You can erase an individual button with a learned command, a macro or a favorite channel. You can erase an ENTIRE Component's learned command or macro buttons. You can also erase ALL your learned commands on all Components 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 settings.

Erasing Learned Buttons, Macros or Favorite Channels

STEP 1:

Press and hold the MAIN and ENT (Enter) buttons at the same time for approximately 3 seconds, until the word "SETUP" is displayed at the top of the LCD touch screen. This signals that you are now in setup mode.

IMPORTANT: You now have 30 seconds to perform the next step while you are in SETUP mode. If you don't press a button within 30 seconds, SETUP will disappear from the screen, signaling that you have exited setup mode and you will need to start over.

STEP 2:

Press the ERASE button on the LCD screen.

STEP 3:

Press either the LEARN, MACRO or FAV button. The following screen appears:

ALL - Erases ALL of the specified (Learned, Macro or FAV buttons everywhere in the RF30)

DEVICE - Erases all learned or Macro buttons in a single Component (NOTE: This option is not available for FAVs.)

KEY - Erases one button only.

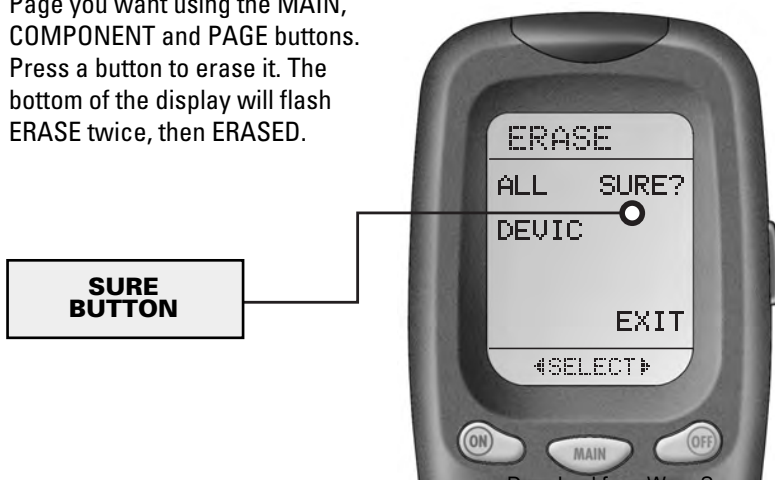


STEP 4:

If you press ALL, the RF30 displays a "SURE?" button. After the SURE button is pressed, all the buttons will be erased.

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

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

**STEP 5:**

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

Re-setting RF30 to Original Factory Default Settings

If you want to start with a clean slate, you can re-set the RF30 its original factory default settings by performing the following steps.

NOTE: This process will essentially erase **EVERYTHING** you have programmed into the RF30.

STEP 1:

press and hold both the MAIN and the STOP buttons for 10 seconds.

**STEP 2:**

After 10 seconds, the RESET screen appears. Press the ALL button. The RF30 will display a "SURE?" button. Press the SURE button to erase all of your settings and return to the factory default setup.



The Optional PowerBlaster™ (for 'barrier-free' RF control) [Sold separately]

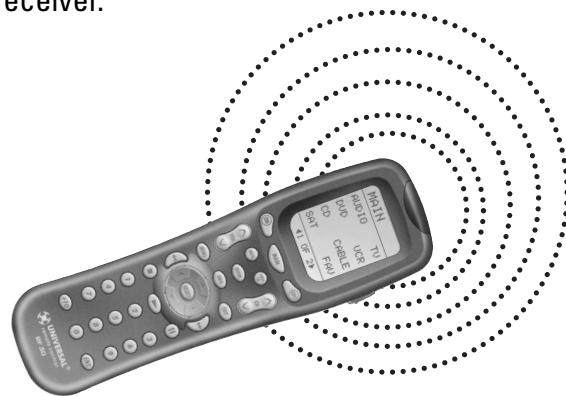
Of all the fabulous RF30 features, this is probably the most exciting. When used in combination with the optional PowerBlaster™, the RF30 becomes an amazing remote control powerhouse that sends multi-directional RF (Radio Frequency) signals that pass through walls, doors and floors - both indoors and outdoors.

This changes everything! It enables you to control Components that are completely out-of-sight, up to 100' away. The PowerBlaster™ picks up RF30's radio frequency signals from any direction, regardless of distance, so RF30 doesn't need to be pointed directly at any Component. Just imagine - no more pointing! Now you can close your entertainment center doors, hide your Components, and still control them with ease. Control outdoor speakers on your patio. Control your Components anywhere!

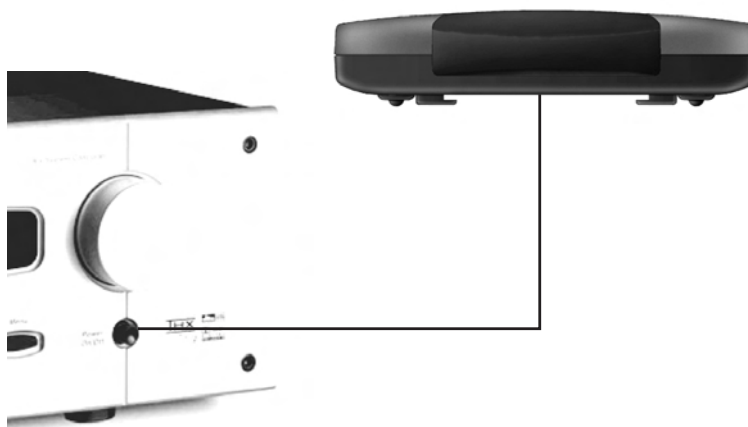
One of the best things about this is - nothing has to be done to the RF30 for this feature to work. Every time you press a button on the RF30, it sends both a standard IR (Infrared Command) AND an RF (Radio Frequency) signal. If you install the PowerBlaster™ kit, it will automatically receive RF30's radio signals and translate them into the infrared commands that control your Components.

NOTE: The RF30's radio signals will not control Components directly. You must have a PowerBlaster™ to receive the RF30's radio signals. Components that came with "no pointing" radio remote controls cannot be operated by the RF30 unless the Component can be switched to standard IR (Infrared Control) via its internal menus. Some remote control ceiling fans are radio only and cannot be operated by the RF30.

The RF30 sends radio signal to the PowerBlaster™, which is a radio receiver.



The PowerBlaster™ converts radio signals to standard infrared commands and sends them out via a built-in front blaster to Components in the same cabinet space.



Self-adhesive "flashers" (included in the PowerBlaster™ kit) affix to the front panels of your Components. The flashers relay infrared commands to Components out-of-sight of the PowerBlaster's front blaster. The flashers plug into PowerBlaster's rear flasher line output jacks. Each flasher has a 10' cable to easily reach Components on nearby shelves.

Pre-Programmed Code Notes

Record the three digit codes for your system here:

AUDIO	_____
DVD	_____
CD	_____
SAT	_____
TV	_____
VCR	_____
CABLE	_____
AUX	_____
LIGHT	_____
TAPE	_____
PHONO	_____
TV2	_____
VCR2	_____
DVR	_____
LDP	_____
XM RADIO	_____
IPOD	_____
X-BOX	_____

Pre-Programmed Code Tables

The RF30'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 7).

TV	TVs, Plasmas, Projectors and Monitors
CABLE	Cable TVs and Web TVs
DVD	DVD Players and TV/DVD Combos
VCR	VCRs and TV/VCR Combos
AUDIO	Amps, Preamps, A/V Receivers and XM Radios
SAT	Satellite Receivers
CD	CD Players and CD Changers
DVR	TiVo, Replay and other DVR's
LDP	Laser Disc Players
LIGHT	Lighting System and Dimmers
TAPE	Tape Decks
AUX	Multimedia PCs, Xbox, iPod Controls and Custom Installation Products
PHONO	Phonographs

BRAND

CODE NUMBERS

BRAND

CODE NUMBERS

TV

ADMIRAL	072 081 161 160
ADVENT	247
AKAI	197 146 248
A MARK	112 143
AMPRO	167 073 157 183
AMSTRAD	052
ANAM	043 054 056 080 112 131
AOC	197 004 112 058
APEX DIGITAL	006 310
AUDIOVOX	076 273
BARCO	233
BLAUPUNKT	088
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
DAYTRON	004 143
DELL	319 320 321
DREAMVISION	235 345
DWIN	177 257
DYNASTY	043
DYNATECH	062
EIKI	187
ELECTROHOME	143 024 076 196
EMERSON	028 048 043 155 005 197 004 047 050 051 076 096 143 151 153 154
FISHER	007 057
EPSON	324
ESA	323
FUJITSU	198 246 346
FUNAI	028 043
FUTURETECH	043
GATEWAY	242 268
GE	160 144 165 073 197 008 009 034 056 074 130 155 161 004 091 157 183
GOLDSTAR	113 116 102 004 106 112 119 127 143
HALL MARK	004
HANNSPREE	381
HITACHI	011 163 166 004 009 010 012 023 075 143 158 072
HP	316 327 378
HYUNDAI	337 338
INFINITY	164
INFOCUS	230 330 333
INSIGNIA	350
JBL	164
JCPENNEY	004 024 197 008 009 030 065 101 143 156 160
JENSEN	013
JVC	038 034 070 083 145 199 210 240 241
KEC	043

KENWOOD	197 070
KLOSS	002 059
KMC	143
KTV	043 197 143 154
LG	113 116 102 004 106 112 119 127 143 243 284 363 365
LODGENET	072
LOEWE	164
LOGIK	072
LUXMAN	004
LXI	166 007 015 052 081 160 164
MAGNAVOX	164 059 197 003 060 061 004 063 064 127 022 160 094 239 226 273
MARANTZ	197 164 184
MATSUI	164
MAXENT	242
MEMOREX	007 072 004
METZ	088
MGA	197 004 024 028 042
MINERVA	088
MITSUBISHI	109 124 024 004 028 040 042 146 191
MTC	197 004 062 101
NAD	015 025
NEC	132 130 134 197 040 016 024 056 019 236 237 262 272
NIKEI	043
NUVISION	351
ONKING	043
ONWA	043
OPTONICA	019 081
OPTOMA	265 270
ORION	096
PANASONIC	034 056 080 092 164 208
PHILCO	197 003 059 060 064 164 004 024 056 063
PHILIPS	164 005 093 038 197 003 004 059 127 184 206 239 259
PIONEER	135 025 197 018 023 116 190 234 335
POLAROID	138 268 328 353 354 356 388
PORTLAND	004 143
PROSCAN	144 160 161 165 167
PROTON	004 131 058 143 171 173 193
QUASAR	034 056 092
RADIO SHACK	019 004 143 043 127
RCA	160 165 065 156 144 161 197 004 024 056 152 023 074 333
REALISTIC	007 019 043 047
ROCTEC	186
RUNCO	168 169 178 179 180 181 182 183 073 157 340
SAMPO	197 058 004 202
SAMSUNG	050 089 101 105 004 127 143 160 228 229 258
SANYO	166 007 020 053 057 082 187
SCEPTRE	276
SCOTT	028 043 004 048 143
SEARS	015 030 004 007 028 057 143 094 160 082 165 166
SELECO	189 200 205 227
SHARP	081 019 014 170 028 029 004 022 143 175 251
SIEMENS	088
SIM2	189 200 205 227
SIGNATURE	072
SOLE	231 232
SONY	070 139 147 126 185 194 085 213 277 279
SOUNDESIGN	028 004 003 043
SPECTRICON	112
SSS	004 043

TV

CODE TABLES

CODE TABLES

BRAND

CODE NUMBERS

TV

SUPRE MACY	002
SVA	328
SYLVANIA	197 003 059 060 063 064 164 044 160 127
SYNTAX OLEVIA	376
TANDY	081
TATUNG	056 062
TECHNICS	034 080
TECHWOOD	004
TEKNIKA	002 003 004 024 028 043 072 101 143
TELEFUNKEN	037 046 086 087
TELERENT	072
TERA	172
TMK	004
TOSHIBA	015 138 030 007 040 062 101 325
TOTEVISION	143
UNIVERSAL	008 009
VIDEO CONCEPTS	146
VIDIKRON	174 184 188 192 340
VIDTECH	004
VIEWSONIC	242
VIZIO	386 387
WARDS	004 008 009 019 028 060 061 063 064 072 074 143 164 034
WESTING HOUSE	076 280
WINBOOK	339
YAMAHA	197 004
YORK	004
YUPITERU	043
ZENITH	073 072 095 103 157 183 243 284
ZONDA	112

BRAND

CODE NUMBERS

ABC	004 103 003 039 042 046 053
ADELPHIA	043 074
ADVANCED NEWHOUSE	043
ALTRIO	043
AMERICAST	099
ARCHER	005 007 014
ARMSTONG	074
AT&T BROADBAND	074
ATLANTIC BROADBAND	043 074
BELL SOUTH	099
BLUE RIDGE	043 074
BRESNAN	074
BRIGHT HOUSE	043 110
BUCKEYE COMM	074
CABLEVISION	043 074 108
CENTURION	092
CENTURY	007
CHARTER	043 074
CITIZEN	007
COGECO	074
COMBANO	080 081
COMCAST	043 074 110
COMSAT	074
COX DIGITAL	043 074
DIGICABLE	101
EAGLE	020 030 040
EASTERN	057 066
ECHOSTAR	106
ELECTRICORD	032
GEMINI	008 054
GENERAL ELECTRIC	072
GENERAL INSTRUMENT	074 103 104
GNC	099
GOLDEN CHANNEL	030
HAMLIN	049 050 055
HITACHI	103 055
INSIGHT	074
JERROLD	074 004 103 002 003 008 009 010 069
MAGNAVOX	010 012 064 079 095 094
MASSILLON	074
MEDIA ONE	107
MEDICOM	074
MEMOREX	052
MITSUBISHI	102
MOTOROLA	074 110 109 111
MOVIE TIME	028 032
MOXI	111
NCTC	074
NSC	015 028 038 071
OAK	031 037 053
PACE	043 074
PANASONIC	044 047
PARAGON	052
PHILIPS	006 012 013 020 085 095
PIONEER	043 103 034 051 063 076 105
PRUCER	059
PULSAR	052
RCA	047
RCN	074
RECOTON	098

CABLE / WEBTV

CODE TABLES

CODE TABLES

BRAND

CODE NUMBERS

BRAND

CODE NUMBERS

CABLE / WEBTV

REGAL 049 050
 REGENCY 057
 RODGERS 043
 SAMSUNG 030
 SCIENTIFIC ATLANTA 043 011 003 041 042 045 046
 SEREN 043
 SERVICE ELECTRIC 074
 SHAW 074
 SIGECOM 043
 SONY 096 108
 SPRUCER 047 078
 STARCOM 002 004 008 009
 STARGATE 008 030 097 104
 SUSQUEHANNA 043 074
 TIME WARNER 043 074
 TOCOM 039 040 056
 TOSHIBA 052
 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

AIWA 146
 ALPINE 098
 APEX DIGITAL 087 111 115 112 116
 ARCAM 122
 CAMBRIDGE AUDIO 215
 CARY AUDIO DESIGN 174
 CLASSE 167
 COBY 258
 DENON 007 080 173
 FUNAI 143
 GATEWAY 175
 GE 026 027
 GO VIDEO 137 218 220 221 222
 HARMAN KARDON 084 140
 HITACHI 101
 ILO 268
 INTEGRA 142 180
 JVC 012
 KENWOOD 151
 KISS 179 279
 KLH 135
 KRELL 104
 LEXICON 148
 LG 091 057 074
 LITEON 264 265
 MAGNAVOX 066 096
 MALATA 267
 MARANTZ 083 095
 MERIDIAN 153
 MITSUBISHI 017
 MYRYAD 102 134
 NAD 088 155
 NAKAMICHI 103
 ONKYO 076 035 180
 OPPO 266
 PANASONIC 021 042 138 139 144 150
 PHILIPS 066 083 095 105 166
 PIONEER 023 092 099 107 108 131
 POLAROID 233 234 237
 PRIMARE 193 194
 PROCEED 086
 PROSCAN 026 027
 RCA 026 027
 PJTECH 269
 ROTEL 204
 SAMSUNG 056 070 119 165 170 137 159
 SANSUI 154
 SANYO 147
 SENSORY SCIENCE 222 223
 SHARP 094
 SONY 033 118 145 126 191
 SYLVANIA 143
 SYMPHONIC 143
 TAG MCLAREN 156
 TATUNG 102
 TEAC 270
 THOMPSON 026 027
 THULE 177
 TOSHIBA 035 034 130 141 164 188
 VENTURER 149

DVD

CODE TABLES

CODE TABLES

BRAND

CODE NUMBERS

BRAND

CODE NUMBERS

DVD

VINC 161
 YAMAHA 042 089 166 195 197
 ZENITH 057 074 091

DVD-TV/DVD Combos

AIWA 146
 FUNAI 143
 SAMSUNG 165
 SYLVANIA 143
 SYMPHONIC 143
 TOSHIBA 130

DVD-TV/DVD/VCR Combos

MAGNAVOX 143
 PANASONIC 144
 SYLVANIA 143
 TOSHIBA 164

DVD-DVD/VCR Combos

GO VIDEO 137 218
 PANASONIC 150
 PHILIPS 105 (VCR Functions for VCR 067)
 POLAROID 234
 SAMSUNG 137 159
 SANSUI 154
 SONY 145 191
 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

AIWA
 AKAI
 AMPRO
 ANAM
 AUDIO DYNAMICS
 BROOKSONIC
 CANON
 CAPEHART
 CRAIG
 CURTIS MATHES
 DAEWOO
 DAYTRON
 DBX
 DYNATECH
 ELECTROHOME
 EMERSON

FISHER
 FUNAI
 GE
 GO VIDEO
 GOLDSTAR
 HARMAN KARDON
 HITACHI
 INSTANTREPLAY
 JCL
 JCPENNEY
 JENSEN
 JVC
 KENWOOD
 LG
 LLOYD
 LXI
 MAGIN
 MAGNAVOX
 MARANTZ
 MARTA
 MATSUI
 MEI
 MEMOREX
 MGA
 MINOLTA
 MITSUBISHI
 MTC
 MULTITECH
 NEC
 NORDMENDE
 OPTONICA
 ORION
 PANASONIC
 PENTAX
 PHILCO
 PHILIPS
 PILOT
 PIONEER
 PORTLAND
 PULSAR
 QUARTZ
 QUASAR
 RADIO SHACK

034 161
 016 146 043 046 124 125 142
 072
 031
 012 023 039 043
 035 037 129
 028 031
 108
 003 040 135
 031 041
 111 116 117 119 005 007 010 065 108 110 112
 108
 012 023 039 043
 034 053
 059
 006 029 035 017 025 027 031 034 036 037 046 101 129 131
 138 153 162 116
 003 010 008 009
 034
 031 072 147 063 107 109 144
 132 136 155 040 115
 101 106 114 013 020 012 123
 012 045
 004 026 150 018 034 043 063 137 160 013
 031
 031
 012 013 015 040 066 101
 043
 048 043 130 150 055 060 012 031 050 152 166
 014 048 034 047
 101 106 114 013 020 012 123
 034
 034 003 009 017 106
 040
 067 031 034 068 041 156 164
 067 069 012 031 156
 101
 027 030
 031
 101 003 010 014 031 034 053 072 102 134 139
 045 046 059
 013 020
 059 061 151 013 020 045 046 051 142 049 168
 034 040
 024 034
 012 023 039 043 048
 043
 053 054
 025
 066 070 145 083 133 140 157 163 074 167
 013 020 031 063
 031 034 067
 031 067 034 101 054 071 156
 101
 021 013 048
 108
 072
 002 014
 066 145 075
 123

VCR

CODE TABLES

CODE TABLES

BRAND

CODE NUMBERS

BRAND

CODE NUMBERS

VCR

RCA	107 109 144 147 158 041 145 013 020 140 034 040
REALISTIC	003 008 010 014 031 034 040 053 054 101
RICO	058
RUNCO	148
SALORA	014
SAMSUNG	102 104 113 115 112 120 032 040 066 107 109 122 125
SANSUI	022 043 048 135
SANYO	003 010 007 014 134 102
SCOTT	017 037 112 129 131
SEARS	003 008 010 014 081 013 101 009 017 073 112
SHARP	149 054 031 159 165
SHINTOM	024
SIGNATURE	034
SONY	056 057 058 077 052 003 078 076 031 149 154
SOUNDESIGN	034
STS	013
SYLVANIA	031 034 059 067
SYMPHONIC	034
TANDY	010 034
TATUNG	039 043
TEAC	034 039 043
TECHNICS	031 070
TEKNIKA	031 019 034 101
THOMAS	034
TMK	006
TOSHIBA	112 131 079 008 059 047 082 013 042 081
TOTEVISION	040 101
UNITECH	040
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	072 080 056 048 101 034 058

VCR-TV/VCR Combos

DAEWOO	005 117
EMERSON	153
FUNAI	034
GOLDSTAR	101 123
HITACHI	034
JCPENNEY	101
LG	101 123
LLOYD	034
MAGNAVOX	034 067
MEMOREX	101
PANASONIC	070 167
PHILIPS	034 067
RADIO SHACK	123
RCA	034
SEARS	101
SONY	057 154
SYLVANIA	067
SYMPHONIC	034
THOMAS	034
ZENITH	034

ADC	007
ADCOM	082 092 225 161 269 355 356 366
AIWA	170 018 104 202 203 213 211 188
AKAI	138 189
AMC	125 126 127 128 258 281 282 038
AMEND	054
AMX	196
ANGSTROM	142
ANTHEM	335 336 337 338 339
ARCAM	141 418 419
ATLANTIC TECHNOLOGY	342
AUDIO ACCESS	147
AUDIO ALCHEMY	135
AUDIO DESIGN	194 221 011
AUDIO EASE	021 196 207
AUDIO FILE	071
AUDIO MATRIX	167
AUDIO SOURCE	273
AUDIO TECHNICA	134
B & K	096 097
BOSE	070 170 224 347 409 459 460 532
BOSTON ACOUSTICS	447
BRYSTON	023
CAMBRIDGE AUDIO	522
CARVER	006 028 061 071 201 214 226 180 185 022 029 077 284
CASIO	076
CHIRO	140
CINEMA SOUND	034 134
CITATION	148 272
CLARION	026
CLASSE	537
COMPAQ	382
CURTIS MATHES	076
DELPHI	415 515
DENON	002 034 109 215 229 230 027 037 234 259 330 340 341 349

EAD	466
EIGER	149
ELAN	057 290
ENLIGHTENED AUDIO	099 098
ESCIENT	368 381 451 452 453 454
FANFARE	352
FISHER	047 214 180 182 297
FLEXTRONICS	378
FOSGATE	062 231
FOSGATE AUDIONICS	342
GE	056 260
GOLDSTAR	008
HAFLER	174
HARMAN KARDON	231 233 254 153 154 118 121 227 277 317 318 365
HITACHI	020
IMERGE	371
INKEL	197
INTEGRA	354 438
JAMO	398
JBL	263
JCPENNEY	076 216
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PHILIPS	027 087
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AUX

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AUX

BOSE
KENSINGTON

409
406

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Frequently Asked Questions

What is a "macro" button?

A "macro" is a button on the RF30 that you setup to make a lot of things happen when you press it. For example, to watch a DVD in most home theaters requires several remote controls and many button presses (power up the TV, power up the surround sound, power up the DVD player, set the TV to the correct video input, set the surround sound to the correct audio input and finally; press play on the DVD player remote control).

Instead of pressing all of those buttons one at a time, the RF30 enables you to setup one button that does all those steps automatically with one press. For more information on how and why you should setup macro buttons, watch the Quick Setup DVD Program Guide or refer to pages 26-29 in this Manual.

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

No. The RF30 stores all of your settings in non-volatile FLASH memory. You could remove the batteries for months, replace them at your convenience, and the RF30 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

Universal Remote Control's Mastercontrol™ RF30 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 - 1200 IR commands at standard frequencies (15kHz to 100kHz)

Macro Capability - 658 Macros of up to 190 steps each
IR Range (Line of Sight via Infrared): 30-50 feet, depending on the environment

RF Range (radio frequency): 50 to 100 feet, depending upon the environment

RF Frequency: 418MHz

Weight: 7.1 oz. (with batteries)

Size: 8.5"x 2.5"x 1"

Batteries: Four AAA Alkaline batteries included

LCD Size: 1.38" x 1.88"

RF30

MasterControl™

OWNER'S MANUAL

simply the MOST powerful™



500 Mamaroneck Avenue
Harrison, NY 10528
Phone: 1-914-835-4484
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