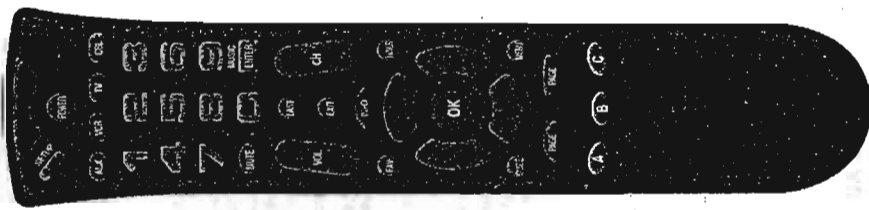


USER INSTRUCTION GUIDE

Universal Remote Control

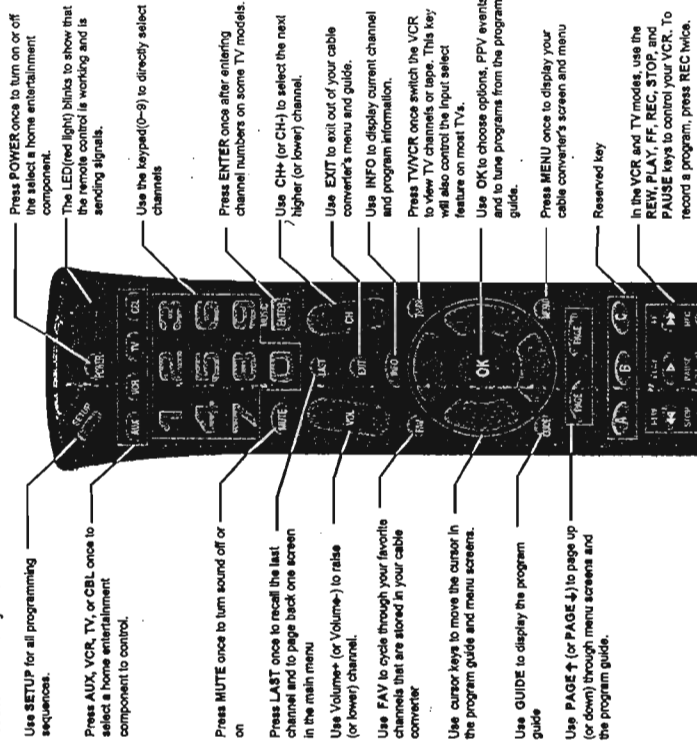


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FEATURES AND FUNCTIONS

Use the illustration below to locate MAGICSTAR features key chart and then study to learn how they function.



INTRODUCTION

MAGICSTAR is our latest generation universal remote control. It is well designed with sophisticated technology that will allow you to finally consolidate the clutter of the original remote controls in your home entertainment system. It's packed with easy-to-use features such as:

- Preprogrammed to operate the cable converter supplied by your cable system provider
- Preprogrammed technology for easy setup
- Color-coded keys to quickly locate popular functions
- Convenient hide-away sliding door to conceal less-used functions
- Cable ID Lock to lock your remote control for use only with the cable converter
- Code library for video and audio components
- Channel Lock to lock channel selection only to the cable converter
- Code Search to help program control of older or discontinued components

Thanks for purchasing MAGICSTAR Universal Remote Controller. Right now, your remote will not work any devices. You will need to program the remote to operate the specific home entertainment components you wish to control once after you install the batteries. Follow the instructions detailed in this manual to set up your MAGICSTAR and enjoy your new remote control.

BATTERY REPLACEMENT

On the back of the MAGICSTAR, push the tab and lift off the battery cover. Obtain two (2) fully-charged AA alkaline batteries. Match the + and - marks on the batteries to the + and - marks in the battery case, then insert the new batteries. Press the battery cover back into place. The tab should click when the cover is locked.

Test the unit by pressing POWER and any mode key (e.g. AUX, VCR, TV, or CBL). If the batteries are inserted correctly, the LED will blink once.

NOTE: Whenever batteries need replacement, the MAGICSTAR will blink twice with every key press. Simply replace the batteries and the MAGICSTAR will be restored to its full functionality, complete with your favorite settings.

PROGRAMMING TV CONTROL

NOTE: If you own a TV/VCR combination, skip this section and perform "Programming TV/VCR Combo Control".

Locate the brand name of your TV in the Codes List For TV's section on the page 20, and write it in the following space.

TV Brand:

The brands are listed in alphabetical order with the most popular codes listed first. You will use one of these codes to program the MAGICSTAR to operate your TV.

1. Turn on the TV.
2. On the MAGICSTAR, press TV once. Press and hold SETUP until the LED blinks twice, then release SETUP.

3. Enter the first four-digit code for your TV. If you perform this procedure correctly, the LED will blink twice.
Note: If the LED did not blink twice after entering the code's last digit, then repeat steps 2 through 3 and try entering the same code again.

4. Aim the MAGICSTAR at your TV and press POWER once. The TV should turn off. If it does not respond, repeat steps 2-3, trying each code for your brand until you find one that works. If the VCR still does not work, try searching for the code (see Searching For Your Code).
5. Write your TV code in the boxes below for future reference.

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NOTE: Remember, to use the MAGICSTAR to operate your TV, press TV first.

PROGRAMMING VCR CONTROL

NOTE: If you own a TV/VCR combination, skip this section and perform "Programming TV/VCR Combo Control".

Locate the brand name of your VCR in the Codes List For VCRs section on the page 20, and write it in the following space.

VCR Brand:

The brands are listed in alphabetical order with the most popular codes listed first. You will use one of these codes to program the MAGICSTAR to operate your VCR.

1. Turn on the VCR then insert a video cassette.
2. On the MAGICSTAR, press VCR once. Press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter the first four-digit code for your VCR. If you perform this procedure correctly, the LED will blink twice.
Note: If the LED did not blink twice after entering the code's last digit, then repeat steps 2 through 3 and try entering the same code again.
4. Aim the MAGICSTAR at your VCR and press POWER once. The VCR should turn off. If it does not respond, repeat steps 2-3, trying each code listed for your brand until you find one that works. If the VCR still does not work, try searching for the code (see Searching For Your Code).

5. Write your VCR code in the boxes below for future reference.

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NOTE: Remember, to use the MAGICSTAR to operate your VCR, press VCR first.

PROGRAMMING TV/VCR COMBO CONTROL

Locate the brand name of your TV/VCR Combo in the Codes List For TV/VCR Combos section on the page 20, and write it in the following space.

TV/VCR Combo Brand:

The brands are listed in alphabetical order with popular codes listed first. You will use one of these codes to program the MAGICSTAR to operate your TV/VCR Combo:

1. Turn on the TV/VCR Combo and insert a video cassette.
2. On the MAGICSTAR, press VCR once. Press and hold SETUP until the LED blinks twice, then release SETUP.

3. Enter the first four-digit code for your TV/VCR Combo. If you perform this procedure correctly, the LED will blink twice.
Note: If the LED did not blink twice after entering the code's last digit, then repeat steps 2 through 3 and try entering the same code again.
4. Aim the MAGICSTAR at your TV/VCR Combo and press POWER once. The unit should turn off. If it does not respond, repeat steps 2-3, trying each code listed for your brand until you find one that works. If it still does not work, try searching for the code (see Searching For Your Code).

5. If you've located a TV/VCR setup code that works your TV/VCR Combo and a separate TV code is also listed, you'll need to program this code into the MAGICSTAR to access volume control (see Programming TV Control).
If there is no separate TV code listed, you will need to perform the following steps to access volume control:

- a. Press and hold SETUP until the LED blinks twice, then release SETUP.
- b. Enter Magic code 9 - 9 - 3. The LED will blink twice.
- c. Press VCR once. The LED will blink twice.

6. Write your TV/VCR Combo code in the boxes below for future reference.

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NOTE: Remember, to use the MAGICSTAR to operate your TV/VCR Combo, press VCR first.

PROGRAMMING CABLE CONVERTER (OR DBS RECEIVER) CONTROL

The MAGICSTAR is preprogrammed at the factory to operate the cable converter given to you by your cable company. However, if you have another brand or model of cable converter or satellite receiver that you would like to control, then you'll need to perform the following instructions to unlock the cable key, enter in a new code, and lock the cable key again.

To unlock the Cable key:

1. Turn on the Cable Converter or DBS Receiver.
2. On the MAGICSTAR, press CBL once. Press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter Magic code 9 - 9 - 7. The LED will blink twice.
4. Press CH - once. The LED will blink twice.

To program the Cable key:

1. Locate the brand name of your Cable Converter (or Direct Broadcaster Satellite Receiver) in the Code List For Cable Converters (or Code List For DBS Receivers) section starting on the page 20, and write it in the appropriate space.

Cable Converter Brand:

or

DBS Receiver Brand:

The brands are listed in alphabetical order with the most popular codes listed first. You will use one of these codes to reprogram the MAGICSTAR to operate your Cable Converter or DBS Receiver.

2. On the MAGICSTAR, press CBL once. Press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter the first four-digit code for your Cable Converter or DBS Receiver. If you perform this procedure correctly, the LED will blink twice.
NOTE: If the LED did not blink twice after entering the code's last digit, then repeat steps 2 through 3 and try entering the same code again.

4. Aim the MAGICSTAR at your Cable Converter or DBS Receiver and press POWER once. The unit should turn off. If it does not respond, repeat steps 2-3, trying each code listed for your brand until you find one that works. If it still does not work, try searching for the code (see Searching For Your Code on page 28).

5. Write your Cable Converter or DBS Receiver code in the boxes below for future reference.

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NOTE: Remember, to use the MAGICSTAR to operate your Cable Converter or DBS Receiver, press CABLE first.

To lock the Cable key:

1. On the MAGICSTAR, press CBL once. Press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter Magic code 9 - 9 - 7. The LED will blink twice.
3. Press CH+ once. The LED will blink twice.

PROGRAMMING CHANNEL CONTROL LOCK

By activating this feature, the MAGICSTAR will only allow access to the channel control capabilities of your cable converter. This will guarantee that you do not inadvertently change the channel on your TV or VCR.

To Activate Channel Control Lock:

1. On the MAGICSTAR, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter Magic code 9 - 9 - 6. The LED will blink twice.
3. Press CH + once. The LED will blink twice.
4. Now, regardless of what mode you select (i.e., TV, VCR or CBL), only the channel control capability of your cable converter will be accessible.
NOTE: This feature does not affect the Audio mode.

To De-Activate Channel Control Lock:

1. On the MAGICSTAR, Press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 6. The LED will blink twice.
3. Press CH - once. The LED will blink twice.
4. The MAGICSTAR will again provide TV and VCR channel control capabilities while in the TV or VCR mode.

PROGRAMMING AUX CONTROL

Using the MAGICSTAR's Aux mode, you can also control an audio component, such as CD player, a stereo receiver, a stereo amplifier, or a DBS audio service. Locate the brand name of your audio component in the one of accompanying code lists.

Write it in the appropriate space.

CD Player Brand:

Stereo Receiver Brand:

PROBLEM: LED blinks when you press a key, but home entertainment component does not respond.	SOLUTION: Make sure you are aiming the MAGICSTAR at your home entertainment component, and that you are within 15 feet of the component; you are trying to control.
PROBLEM: The MAGICSTAR does not control home entertainment components or commands.	SOLUTION: Try all listed codes for the component brand being set up. Make sure all components can be operated with an infrared remote control.
PROBLEM: No volume on a second TV.	SOLUTION: Follow instructions in Changing Volume Lock (see page 13).
PROBLEM: CH+, CH-, and LAST do not work for your RCA TV.	SOLUTION: Due to RCA design (1983-1987), only the original remote control will operate these functions.
PROBLEM: Changing channel does not work properly.	SOLUTION: If original remote control required pressing ENTER to change channels, press ENTER on the MAGICSTAR after entering a channel number.
PROBLEM: "Tried" Search Method and still could not find a working code.	SOLUTION: Try the "Search Method" again after clearing out the device key as follows: Press and hold ENTER until red light blinks twice, then release. Next enter 9-9-2. Then press and release the device key to be cleared twice.
PROBLEM: Remote control does not turn on Sony or Sharp TV/VCR Combo.	SOLUTION: For power on, these products require programming TV codes on the MAGICSTAR. For Sony, use TV code 0000 and VCR code 0032. For Sharp, use TV code 0083 and VCR code 0048.
PROBLEM: TV/VCR Combo does not respond properly.	SOLUTION: Use the VCR codes for your brand. Some combo units may require both a TV code and a VCR code for full operation.

To change Volume Lock to the CABLE mode:

1. On the MAGICSTAR, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter Magic code 9 - 9 - 3 and then press CBL once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the MAGICSTAR, volume will be controlled by your Cable Converter.

To change Volume Lock to the TV mode:

1. On the MAGICSTAR, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter Magic code 9 - 9 - 3 and then press TV once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the MAGICSTAR, volume will be controlled by your TV.

To change Volume Lock to the VCR mode:

1. On the MAGICSTAR, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter Magic code 9 - 9 - 3 and then press VCR once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the MAGICSTAR, volume will be controlled by your VCR.

To change Volume Lock to the AUX mode:

NOTE: Performing these steps will allow you to access the volume control of your audio component in all modes.

1. On the MAGICSTAR, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter Magic code 9 - 9 - 3 and then press AUX once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the MAGICSTAR, volume will be controlled by your VCR.

To change Volume Lock to the AUX mode:

NOTE: Performing these steps will allow you to access the volume control of your audio component in all modes.

1. On the MAGICSTAR, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter Magic code 9 - 9 - 3 and then press AUX once. The LED will blink twice.
3. Now, whenever you press Volume +, Volume -, or MUTE on the MAGICSTAR, volume will be controlled by your VCR.

PROGRAMMING THE TUNE-IN KEYS FOR SPECIFIC CHANNELS

The URC-104 includes three "Tune-In" keys (located directly below the PAGE keys). Each can be programmed to remember three of your favorite channel settings for a total of nine channels. If you want to change the channels in a previously-programmed "Tune-In" key, you'll need to clear the key first (see below).

To Program a "Tune-In" Key:

1. On the URC-104, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 5. The LED will blink twice.
3. Then select a "Tune-In" key and press it once.
4. Press CBL once followed by the channel number to be programmed (e.g., 3 - 9).

NOTE: If you are programming a channel for a Digital Cable Converter, you need to enter all channels in a 3-digit channel format. For example, if the desired channel is 39, then enter it as 0 - 3 - 9.

5. Press and hold SETUP until the LED blinks twice, then release SETUP.
6. To add another channel, repeat steps 1-4 substituting the new channel to be added in step 3.

NOTE: Programming more than three channels into the same "Tune-In" key will overwrite previous settings.

To clear a "Tune-In" key:

1. On the URC-104, press and hold SETUP until the LED blinks twice, then release SETUP.
2. Enter 9 - 9 - 5. The LED will blink twice.
3. Then select a "Tune-In" key you want cleared and press it once.
4. Press and hold SETUP until the LED blinks twice, then release SETUP.

This "Tune-In" key is now clear and ready for reprogramming (see above - Specific Channels).

5. If desired, repeat steps 1 through 4 to clear another "Tune-In" key.

slowly alternate between pressing POWER and TV. Stop when the TV turns off.

NOTE: In the search mode, the MAGICSTAR will send IR codes from its library to the selected component, starting with the most popular code first.

5. Press SETUP once to lock in the code.
6. To search for the codes of your other components, repeat steps 1 through 5, but substitute the appropriate key (i.e., VCR, CBL, or AUX) for the (VCR, Cable, or Audio) component you are searching for.

CHECKING THE CODES

If you have set up the MAGICSTAR using the Searching For Your Code procedure, you may need to find out which four-digit code is operating your equipment. For example, to find out which code is operating your TV:

1. Turn on the TV.
2. On the MAGICSTAR, press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter Magic code 9 - 9 - 0. The LED will blink twice.
4. To view the code for the first digit, press 1 once. Wait 3 seconds and count the number of LED blinks (e.g., 3 blinks = 3) and write down the number in the leftmost TV Code box below.

Note: If a code digit "0", the LED will not blink.

5. Repeat step 4 three more times for remaining digits. Use 2 for the second digit, 3 for the third digit, and 4 for the fourth digit.
6. Finish writing down the codes in the TV code boxes below.

To Check for the codes of your other components, repeat steps 1 through 5, but substitute the appropriate key (i.e., VCR, CBL, or AUX) for the (VCR, Cable, or Audio) component you are checking. Write down the codes in the appropriate boxes below.

TV Code _____

VCR Code _____

CABLE Code _____

AUX Code _____

or Stereo Amplifier Brand: _____ or DBS Audio Brand: _____

The brands are listed in alphabetical order with popular codes listed first. You will use one of these codes to program the MAGICSTAR to operate your audio component:

1. Turn on the audio component (or DBS receiver to control its audio service).
2. On the MAGICSTAR, press AUX once. Press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter the first four-digit code for your audio component. If you perform this procedure correctly, the LED will blink twice.

Note: If the LED did not blink twice after entering the code's last digit, then repeat steps 2 through 3 and try entering the same code again.

4. Aim the MAGICSTAR at your audio component and press POWER once. The unit should turn off. If it does not respond, repeat steps 2-3, trying each code for your brand until you find one that works. If it still does not work, try searching for the code (see Searching For Your Code).
5. Write your audio component code in the boxes below for future reference.

SEARCHING FOR YOUR CODE

NOTE: Remember, to use the MAGICSTAR to operate your audio component, press AUX first.

SEARCHING FOR YOUR CODE

If your TV, VCR, Cable Converter or Audio Component does not respond to the MAGICSTAR after trying all of the codes listed for your brand, or if your brand is not listed at all, try searching for your code.

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

1. Turn on your TV.
2. On the MAGICSTAR, press and hold SETUP until the LED blinks twice, then release SETUP.
3. Enter Magic code 9 - 9 - 1. The LED will blink twice.
4. Aim the remote control at the TV and

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TROUBLE SHOOTING

PROBLEM: LED does not blink when you press a key.

SOLUTION: Replace the batteries with two (2) new AA alkaline batteries (see page 5).

CHANGING VOLUME LOCK

The MAGICSTAR is set to control volume of a component through your TV while in the TV, VCR, or Cable mode. However, in the AUX mode, you have separate control of your audio component's volume. If your TV is not remote controllable, or if you would like to volume to be controlled by a different component, you can change the Volume Lock setting to control a volume through a non-associated mode (e.g., through the cable in the TV mode).

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PROBLEM: LED does not blink when you press a key.

SOLUTION: Replace the batteries with two (2) new AA alkaline batteries (see page 5).

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