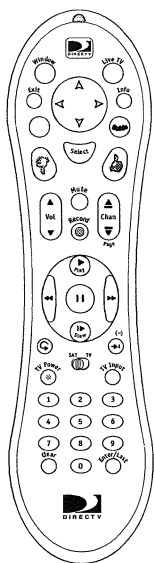


Programming the Remote Control

Introduction	110
Instructions: TV Power, Volume, and TV Input	111
Resetting the Programmable Buttons	114
Setting a Remote Address	115



 The TV INPUT button can control which video signal—or “input”—your TV displays. TV inputs can include the signal from a VCR, DVD player, or a camcorder.

►► Introduction

For information about the individual buttons on the remote control, please refer to the inside front cover of this guide. Before programming the remote control, you must first insert the batteries and complete Guided Setup.

► Using the Remote with a TV and A/V Stereo System

The DIRECTV remote will already work with your DVR. You can also set it up to control your TV and A/V stereo system. For example, you can set up the remote to:

- **Control TV power, volume, mute, and input settings:** Complete the instructions on page 111 using the first column in each of the tables (TV power, volume, and mute). Then repeat the instructions using the second column (TV input).
- **Control TV and A/V receiver power; A/V stereo system volume and mute:** Complete the instructions on page 111 using the first column in each of the tables. Then repeat the instructions using the third column (A/V receiver power, volume, and mute). In this case, the TV POWER button turns on/off both the TV and the A/V receiver. The VOL and MUTE buttons control only the A/V receiver.
- **Control TV power and A/V stereo system volume and mute:** Complete the instructions on page 111 using the first column in each of the tables. Then repeat the instructions using the fourth column (A/V receiver volume and mute). The VOL and MUTE buttons control only the A/V receiver.

The SAT/TV switch sets the remote control to send channel changing signals to either the DVR (SAT) or the television (TV). If you program the remote to control the volume on the A/V receiver, it continues to control the A/V receiver’s volume when you change the SAT/TV switch to TV.

▶▶ Instructions: TV Power, Volume, and TV Input

1. Go to the Remote Control Setup screen.

Press the DIRECTV button; then select “Messages & Setup,” then Recorder & Phone Setup, then Remote Control Setup. Choose which device/functions you want to control:

TO CONTROL:	TV power, volume, and mute	TV input	A/V system power, volume, and mute	A/V system volume and mute only
CHOOSE:	Remote Control–TV (power, volume, mute)	Remote Control–TV (TV Input)	Remote Control–A/V Stereo Receiver	Remote Control–A/V Stereo Receiver

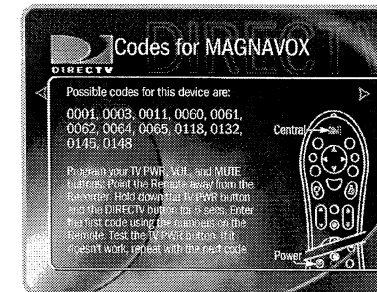
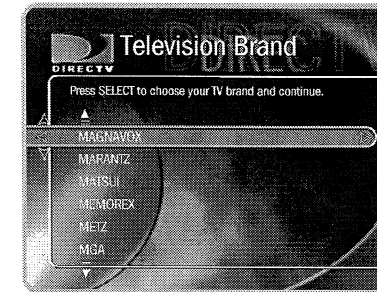
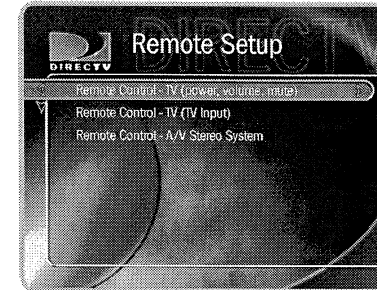
2. Select the brand of your device.

Using the UP/DOWN arrows, highlight the brand of the device you wish to control, then press SELECT. (If you have been using a universal TV remote control, select your TV or A/V receiver’s brand, not the brand of the universal remote.) Next you’ll see a screen with four-digit codes.

3. Prepare the remote control.

Point the remote away from your DVR. Refer to the table below and determine which two buttons to press to prepare the remote. Press and hold the buttons simultaneously for about 5 seconds (until the red light at the end of the remote control lights up and stays on when you release the buttons).

TO CONTROL:	TV power, volume, and mute	TV input	A/V system power, volume, and mute	A/V system volume and mute only
PRESS THE:	TV PWR and DIRECTV buttons	TV Input and DIRECTV buttons	TV PWR and DIRECTV buttons	MUTE and DIRECTV buttons



4. **Enter a code.** Use the number buttons on the remote control to enter a four-digit code (starting with the first code in the list on the screen). After you press the fourth digit of the code, the red light on the end of the remote control should flash. If it doesn't, try the next code.
5. **Test the code.** Point the remote towards the TV and test the button (refer to the table):

<i>TO TEST THE:</i>	TV power, volume, and mute	TV input	A/V system power, volume, and mute	A/V system volume and mute
<i>PRESS THE:</i>	TV PWR button	TV Input button	TV PWR buttons	MUTE button

If pressing the button works (e.g., turns the TV or A/V stereo system off, or changes the TV input), the code is correct. If it does not work, repeat steps 3 and 4 using the next code on the list. If none of the codes works, perform a code search (see below).

► **Performing a Code Search**

If none of the codes listed allows you to control your device, a code search may detect the correct code. Performing a code search can take up to 20 minutes.

1. **Prepare the remote control.** Point the remote away from your DVR.

Refer to the table below and determine which two buttons to press to prepare the remote. Press and hold the buttons simultaneously for about 5 seconds (until the red light at the end of the remote lights up and stays on when you release the buttons).

<i>TO CONTROL:</i>	TV power, volume, and mute	TV input	A/V system power, volume, and mute	A/V system volume and mute only
<i>PRESS THE:</i>	TV PWR and DIRECTV buttons	TV Input and DIRECTV buttons	TV PWR and DIRECTV buttons	MUTE and DIRECTV buttons

Instructions: TV Power, Volume, and TV Input

2. **Enter the search code.** Refer to the table below and use the number keys on your remote control to enter the appropriate code.

<i>To TEST:</i>	TV power, volume, and muting	TV input	A/V system power, volume, and mute	A/V system volume and mute only
<i>ENTER:</i>	0999	0999	1999	1999

After you press the fourth digit of the code, the red light on the end of the remote control will flash twice, then remain on.

3. **Test the remote control.** Point the remote control at the TV or A/V stereo system. Press CHAN UP. Did the TV or A/V stereo system turn off? If not, wait two or three seconds, then press CHAN UP again. Continue doing this until the TV or A/V stereo system responds.

When the TV or A/V receiver does turn off, press ENTER to select the current code. The red light at the end of the remote control will flash three times to indicate that the remote control is properly coded to control your device.

When the red light on the end of the remote control turns off, you have reached the end of the available codes.

Unfortunately, due to the great variety of TVs and A/V stereo systems, some makes and models are not compatible with your DVR's remote control. If you reach the end of the available codes without finding a code that works with your device, you will need to use your TV or A/V stereo system's remote to turn it on and off, and control the volume.

▶▶ Resetting the Programmable Buttons

If you make a mistake, or are having difficulty, you can reset the programmable buttons. Once you do so, all the buttons on the remote will return to the unprogrammed state of a new remote.

1. **Prepare the remote control.** Point the remote away from your DVR. Press and hold the TV PWR button and DIRECTV button simultaneously until the red light at the end of the remote control comes on, remains steady, then stays on when you release the buttons.
2. **Press THUMBS DOWN three times, then press ENTER.** (To cancel, press CLEAR before you press ENTER.)


▶▶ Setting a Remote Address

If you have two DVRs in the same house, you may want to assign a remote address to each remote control. This will prevent the crossing of signals between one DVR's remote and the other's.

1. If the DVRs are both in the same room, cover the area around the shiny, dark plastic window on the front of one DVR. You can use a dark piece of cloth, a magazine, or anything thick and opaque. This prevents the DVR from receiving signals.
2. Point the remote control at the DVR for which you want to set the remote address. Press the DIRECTV button, and select "Messages & Setup." Select "System Information," and press the DOWN arrow until you see "Remote Address."
3. Point the remote control away from the DVRs, and cover the front end of the remote with your hand. Press and hold the PAUSE and DIRECTV buttons until the red light at the end of the remote control comes on and stays on when you release them.
4. Point the remote control at the DVR for which you want to set the remote address, and press the number "1." Press the RIGHT arrow. On the screen, the "Remote Address" changes to 1. Exit System Information by pressing the DIRECTV button.
5. Repeat steps 1-4 on the second DVR and its remote control, pressing the number 2 for the second remote address.

The remote controls are now set to send signals exclusively to the DVR for which they are addressed. You may want to label the remote controls so that you remember which DVR they control. Addresses 1 to 9 are unique. 0 is a universal address, meaning it will try to control any DVR that "hears" its signal.

7

 **If you do not exit system information before you go to step 5, you may transmit information to the original DVR and overwrite the first address you entered.**