

Using the Remote Control

The FUNCTION buttons flash to indicate which component the remote control is set to operate.

After you've installed the batteries and programmed the remote control, use these procedures to operate your system components:

- 1 Select the component that you want to use: To operate a cable box, TV, or the DSS receiver, press the corresponding FUNCTION button.

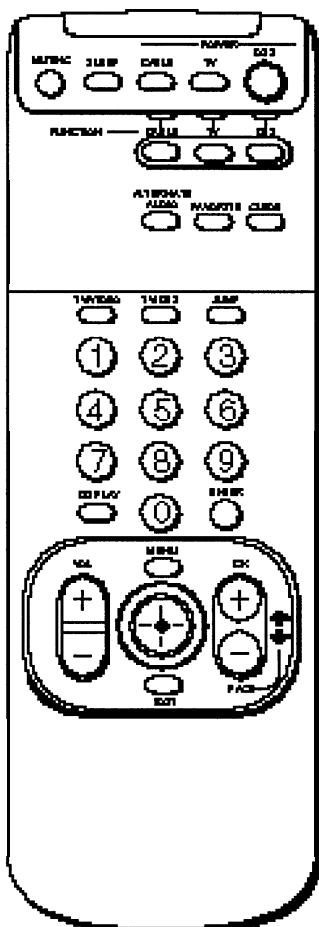
SAT-A2 Only: To operate a VCR or laserdisc player, open the lid on the remote control and set the slide switch to the position that you set for the component.

- 2 Aim the remote control at the component.
- 3 Press the POWER button of the component to turn it on and off.

To control other functions of the component, see the table that follows.

SAT-A2 Remote Control

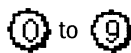
Outside Panel (SAT-A2)



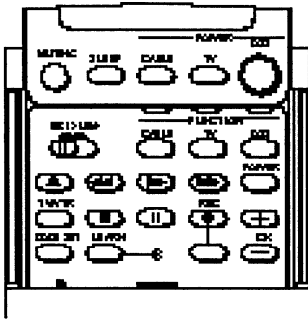
Note

Buttons described in the following table can operate components other than the DSS receiver only if you've programmed the remote and the component supports the function described. See page 85 for instructions on programming the DSS remote.

Button	Operates	Description
	TV	Mutes the volume. Press again to restore the volume.
	TV	Automatically turns off the TV, after the time period that you specify.
		CABLE: Turns the cable box on and off. TV: Turns the TV on and off. DSS: Turns the DSS receiver on and off.
		CABLE: Puts the remote in cable mode. In cable mode, the remote operates your cable box. TV: Puts the remote in TV mode. In TV mode, the remote operates your TV. DSS: Puts the remote in DSS receiver mode. In DSS mode, the remote operates your DSS receiver.
	DSS	Selects an alternate audio track for the current program, if one is available. See "Selecting an Alternate Audio Track" on page 59 for details.
	DSS	Used for setting up and using the Favorite Station Guides. See "Using the Favorite Station Guides" on page 40 for details.

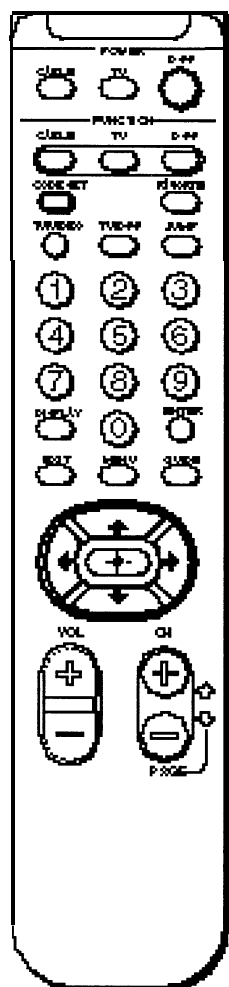
Button	Operates	Description
	DSS	Brings up the Custom Guide. If you're already in a program guide, pressing GUIDE repeatedly brings up future time slots in the guide.
	TV	Switches the input of the TV.
	DSS	Switches the output of the DSS receiver to TV (normal TV programs), if you've connected a TV cable or antenna, or to DSS programs.
	DSS TV Cable	DSS: Used to tune to and set stations in the Jump Loop (DSS). See "Using the Jump Loop Feature" on page 51 for details. TV, Cable: Tunes to the last station you were tuned to.
	DSS TV Cable	Specifies the station number. DSS: In menus, selects the menu item with the corresponding number. Also, in some screens, used to enter numerical values (such as a spending limit or passcode).
	DSS TV	Toggles through the different displays of on-screen guides (DSS) or other display (TV). See "Using the DISPLAY Feature" on page 44 for detail.
	DSS TV	When moved forward, back, left, right, and diagonally, highlights items in the on-screen displays (program guides, menus, etc.). When pressed, selects highlighted items. When pressed during normal DSS-viewing, brings up the Station Index (unless a message appears).
	DSS TV	Clears all on-screen displays, including program guides, menus, etc. If you press EXIT before you complete your selections, the previous selections are restored.
	DSS TV	Moves to the next (+) or previous (-) station during normal viewing. In DSS program guides and some setup screens, these buttons page through the on-screen displays.

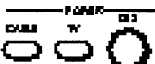
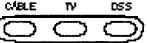
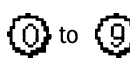
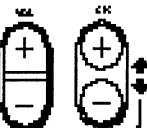
Inside Panel (SAT-A2)



Button	Operates	Description
	VCR Laserdisc	Switches to VCR or laserdisc mode, depending on how you've set up the remote for these positions.
	VCR Laserdisc	Eject (used only with Sony brand components)
	VCR Laserdisc	Rewind
	VCR Laserdisc	Play
	VCR Laserdisc	Fast-forward
	VCR Laserdisc	Turns the VCR or laserdisc player on and off.
	VCR	Changes the VHF/UHF output of the VCR.
	VCR Laserdisc	stop
	VCR Laserdisc	Pause
	VCR	Record
	VCR Laserdisc	Changes the channel (VCR) or chapter (laserdisc).
	DSS	Used for programming the remote to operate your TV, cable box, VCR, laserdisc player, or DSS receiver. Also used to change the RF security code.
	DSS	Used for setting up the remote commander to operate components that are not listed in "Programmable Codes" on page 86.

SAT-B2 Remote Control



Button	Operates	Description
		CABLE: Turns the cable box on and off. TV: Turns the TV on and off. DSS: Turns the DSS receiver on and off.
		CABLE: Puts the remote in cable mode. In cable mode, the remote operates your cable box. TV: Puts the remote in TV mode. In TV mode, the remote operates your TV. DSS: Puts the remote in DSS receiver mode. In DSS mode, the remote operates your DSS receiver.
	DSS	Used for programming the remote to operate your TV or cable box.
	DSS	Used for setting up and using the Favorite Station Guides. See "Using the Favorite Station Guides" on page 40 for details.
	TV	Switches the input of the TV.
	DSS	Switches the output of the DSS receiver to TV (normal TV programs), if you've connected a TV cable or antenna, or to DSS programs.
	DSS TV Cable	DSS: Used to tune to and set stations in the Jump Loop (DSS). See "Using the Jump Loop Feature" on page 51 for details. TV, Cable: Tunes to the last station you were tuned to.
	DSS TV Cable	Specifies the station number. DSS: In menus, selects the menu item with the corresponding number. Also, in some screens, used to enter numerical values (such as a spending limit or passcode)
	DSS TV	Toggles through the different displays of on-screen guides (DSS) or other display (TV). See "Using the DISPLAY Feature" on page 44 for details.
	DSS TV Cable box	Used with 0-9 buttons to change stations without any delay in tuning.
	DSS TV	Clears all on-screen displays, including program guides, menus, etc. If you press EXIT before you complete your selections, the previous selections are restored.
	DSS TV	Brings up the Main Menu (Sony-brand TVs only.)
	DSS	Brings up the Custom Guide. If you're already in a program guide, pressing GUIDE repeatedly brings up future time slots in the guide.
	DSS TV	When moved up, down, left, and right, highlights items in the on-screen displays (program guides, menus, etc.). When pressed, selects highlighted items. When pressed during normal DSS-viewing, brings up the Station Index (unless a message appears).
	TV DSS	VOL: Increases and decreases the volume. CH/PAGE: Moves to the next (+) or previous (-) station during normal viewing. In DSS program guides and some setup screens, these buttons page through the on-screen displays.

Programming the Remote Control

The DSS receiver's remote control is preset at the factory to operate Sony brand TVs.

If you have a TV other than Sony brand, or you have other video components that you want to control with the DSS receiver's remote, use the following procedures to program the remote.

Note

Your components must have infrared (IR) remote control capability in order to be used with the DSS receiver's remote.

To program the DSS receiver's remote:

You can also find these code numbers using the on-screen displays. See "Displaying the Programmable Codes" on page 74.

You must perform step 3 within 10 seconds of step 2, or you must start again from step 2.

You must perform step 4 within 10 seconds of step 3, or you must start again from step 2. To cancel the operation, press the ENTER button.

- 1** Turn to "Programmable Codes" on page 86, and find the three-digit code number for your component. If more than one code number is listed, use the number listed first to complete the following procedures.
- 2** Press the CODE SET button.
- 3** Press the FUNCTION button (CABLE or TV) for the component you're setting up. *SAT-AZ Only:* To set up a VCR or laserdisc player, set the slide switch to any position (VTR1/2/3/MDP).
- 4** Enter the three-digit code number.
- 5** Press the ENTER button.

To Check if the Code Number Works

Use the following procedure to make sure the code you've entered works:

- 1** Aim the DSS receiver's remote control at the component and press the POWER button that corresponds to that component.
- 2** *For TVs and cable boxes:* If the component responds, try the CH+ and CH- buttons. If the component responds, you're done.
- 3** If the code doesn't work for your component:
 - ☐ Try programming the remote using the other codes listed for your component.
 - ☐ If you cannot get your component to respond to the DSS receiver's remote — even after trying all the code numbers for your component — your component may not be compatible with the DSS receiver's remote. If this happens, you must use your component's own remote to operate it. *SAT-AZ Only:* Try using the Learn feature to program specific buttons. See "Using the Learn Function (SAT-AZ Only)" on page 87.

Programmable Codes

TV Codes

Manufacturer	Code
Sony	101
Admiral (M. Wards)	102, 114, 109
ABC	112
Bell & Howell (M. Wards)	114, 109, 138
Brocsonic	103, 112
Craig	122, 123, 120, 121
Croslex	111
Curtis Mathis	103, 119, 123
Daewoo	135, 136, 103
Daytron	113
Emerson	122, 113, 120, 121, 123, 103, 115
Fisher	125
General Electric	102, 118, 103, 107
Goldstar	103, 113, 112, 130
Hitachi	131, 113, 103, 132
JC Penney	103, 102, 130, 107
JVC	128, 129
KTV	133, 113, 103, 123, 134
LXI (Sears)	102,103 111,125, 119,112
Magnavox	111, 112, 113, 107
Mitsubishi/MGA	124, 103, 112
NEC	103,112
Panasonic	118, 116, 117, 107
Philco	111, 118, 109
Philips	111
Pioneer	137, 118, 119
Portland	103, 108
Quasar	110,107
Radio Shack	102, 112, 124, 123
RCA/Proscan	102, 103, 104, 105, 106, 107, 108
Samsung	126, 112, 113, 103
Sanyo	125
Scott	123, 112
Sharp	114, 113, 115
Signature 2000 (M. Wards)	114,109
Sylvania	111,112, 108
Symphonic	123, 139
Toshiba	119,114
Videch	131,103, 112
Wards	113, 103, 115, 112
Zenith	108, 110

Cable Box Codes

Manufacturer	Code
Hamlin / Regal	222, 223, 224, 225, 228
Jerrold/G.I.	201, 202, 203, 204, 205, 206, 207 208, 218
Oak	227, 228, 229
Panasonic	219, 220, 221
Pioneer	214, 215
Scientific Atlanta	209, 210, 2 11
Tocom	216, 217

VCR Codes (SAT-A2 Only)

Manufacturer	Code
Sony	301,302, 303
Aiwa	338
Audio Dynamic	314,347
Bell & Howell (M. Wards)	330,343
Brocsonic	319
Canon	309,308
Citizen	332
Craig	315, 302,332
Curtis Mat his	304, 338, 309
Daewoo	341, 312, 309
DBX	314, 336, 337
Dimensia	304
Emerson	319, 320, 316, 317, 318
Fisher	330, 334, 335, 333
Funai	338
General Electric	329, 304, 309
Goldstar	332
Hitachi	306, 304, 305
Instant Replay	309,308
JC Penney	309, 305, 304, 330, 314, 336, 337
JVC	314, 336, 337
Kenwood	314, 336, 332, 337
LXI (Sears)	332, 305, 333, 334, 330,335
Magnavox	310, 308, 309
Marantz	314, 336, 337
Marta	332
Memorex	309,335
Minolta	305,304
Mitsubishi/ MGA	323,324, 325, 326
Multitech	325, 338, 321
NEC	314, 336, 337
Olympic	309,308
Panasonic	308, 309, 306, 307
Pentax	305,304
Philco	308,309
Philips	310, 308, 309

Manufacturer	Code
Pioneer	308
Quasar	308, 309
RCA/Proscan	304, 305, 308, 309, 310, 311, 312, 313
Realistic	309, 330, 328, 335, 324,338
Sansui	314
Singer	315
Samsung	322,313, 321
Sanyo	330,335
Scott	312, 313, 321, 335, 323, 324, 325, 326
Sharp	327,325
Shintom	315
Signature 2000 (M. Wards)	336,327
Sylvania	310, 308, 309,338
Symphonic	338
Tashiro	332
Tatung	314, 336, 337
Teac	314, 336, 338, 337
Technics	309,308
Toshiba	312,311
Wards	327, 328, 335, 331, 332
Yamaha	330, 314, 336, 337
Zenith	331

Laserdisc Player Codes (SAT-A2 Only)

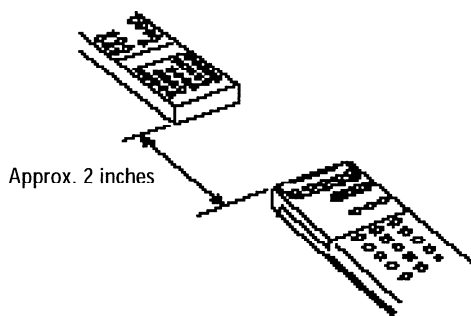
Manufacturer	Code
Sony	701
Kenwood	707
Magnavox	703
Marantz	702
Mitsubishi	702
Panasonic	704
Philips	703
Pioneer	702
RCA	702
Sanyo	706
Sharp	705
Yamaha	703

Using the learn Function (SAT-AZ Only)

You can program the DSS remote commander to learn the functions of another component's remote control. Use this function to operate components that are not listed in "Programmable Codes" on page 86.

To use the Learn function:

- 1 Set the slide switch in the inside panel to VTR3 or MDP.
- 2 Place the DSS remote commander and the other component's remote control directly facing each other, about two inches apart.



- 3 Press the LEARN button. The Learn indicator lights.
 - 4 Press the button on the DSS remote commander that you want to learn a function. The Learn indicator flashes off, then on, indicating that the DSS remote commander is now ready to learn.
 - 5 Hold down the corresponding button on the other component's remote control. When the Learn indicator flashes off, then on, release the button on the other component's remote control.
- If the indicator doesn't flash, repeat steps 4 and 5
- 6 To learn other functions, repeat steps 4 and 5.

About the Learn Function

- Cl The Learn function does not work in the VTR1 and VTR2 slide switch positions.
- ☐ During the learning procedure, do not move the remote controls.
- ☐ If you press a button on this remote commander that cannot be used for learning, the Learn indicator flashes four times.
- ☐ To clear all learned signals from memory, set the slide switch inside the lid to MDP, press the LEARN button, press the DSS POWER button while holding down the VOL- button, and then press the LEARN button again.
- Cl When you remove the batteries — to replace them, for example — any codes you've set may be erased.