

3 - The Dual-Deck System

Remote Control Overview

• **Power** — Turns the VCR on and off. Note: Power will come on automatically when you insert a videotape (Auto Power On).

TV/VCR — Switches between your TV's tuner and your VCR's tuner; e.g., press when you are taping a show with the VCR and you want to watch another station on your television.

• **Display** — Turns the On-Screen Display (Clock, Tuner, Audio, and Deck status) on and off.

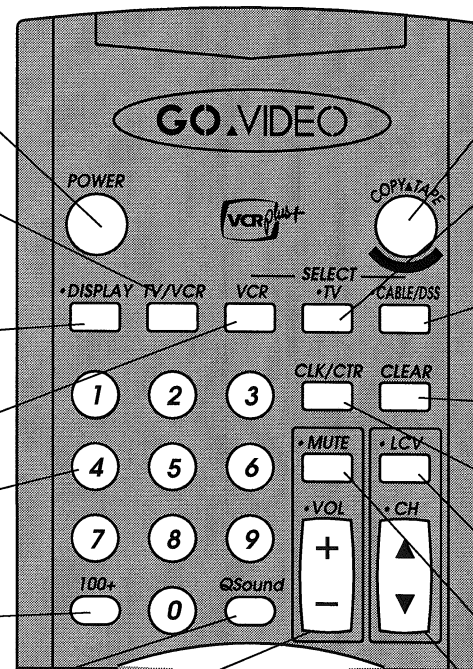
VCR — Sets the remote to operate your VCR.

• **0-9** — Selects channels directly. In the Menu system, selects menu items.

• **100+** — Selects cable channels 100 and up.

QSound — Activates QSound for 3D audio effects.

• **Volume +/-** — Adjusts the sound level.



Top Section

Copy Tape — Copies the tape in Deck 1 to the tape in Deck 2.

• **TV** — Sets the remote control to operate your television. Note: When selected, the remote will not operate the VCR. To program the remote, see Appendix A.

• **Cable/DSS** — Sets the remote to operate your Cable Box or Satellite Receiver. To program the remote, see page 95.

Clear — Resets the Tape Counter to 0:00:00. Also clears certain entries in the menu system.

CLK/CTR — Changes the Front Panel Display between clock, tape counter, and time remaining.

• **LCV (Last Channel Viewed)** — Displays the previously selected channel.

• **Mute** — Turns audio on and off.

• **Channel ▲▼** — Changes channels up and down.

• These keys may be used to operate your TV, VCR, Cable Box, or Satellite receiver; see Appendix A to program your remote control.

Deck Control Section

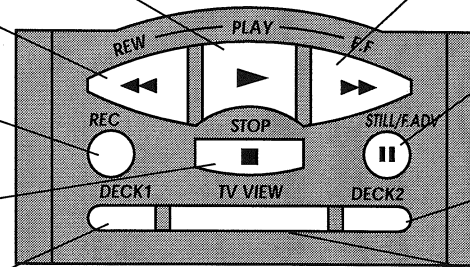
Play — Plays the tape in the active deck.

Rew — When the tape is stopped, rewinds the tape. When the tape is playing, visually searches the tape in reverse (Review).

Rec — Starts recording in the active deck. Press twice to activate One-Touch Recording.

Stop — Stops the tape in the active deck. Press twice to eject the tape.

Deck1 — Sets Deck 1 as the active deck. All deck control buttons (Play, Rewind, etc.) will only affect Deck 1.



*Deck Control
Section*

F.F. — When the tape is stopped, fast-forwards the tape. When the tape is playing, visually searches the tape forward (Cue).

Still/F.Adv — In Play or Record mode, pauses the tape in the active deck. In Pause mode, advances the tape one frame for every press.

Deck2 — Sets Deck 2 as the active deck. All deck control buttons (Play, Rewind, etc.) will only affect Deck 2.

TV View — Changes your view on the television between the Tuner, Deck 1, Deck 2, Line 1, and Line 2. This allows you to quickly jump between a TV show, videotape, DVD, etc.—at the touch of a button.

Menu Control Section

Scene/Title — Marks the beginning and ending points of scenes in the 8-Scene Editor. Also press to record On-Screen Titles and move up in the menu System.

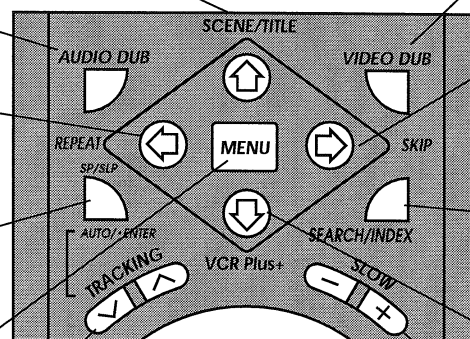
Audio Dub — From Pause mode, press to start recording a new linear audio track from the current TV View.

Repeat — In Play mode, replays the last 30 seconds of tape. Also moves back in the menu system.

Auto/•Enter, SP/SLP — In Play mode, automatically adjusts tracking. In Titler Menu, selects characters. In any other mode, sets the record speed to SP (Standard Play) or SLP (Super Long Play).

Menu — Opens the Main Menu. Press and hold for three seconds to open the Setup Menu.

Tracking \vee/\wedge — In Play mode, allows you to manually adjust tracking.



Menu Control Section

Video Dub — From Pause mode, press to seamlessly record a new video track from the current TV View.

Skip — In Play mode, jumps ahead one minute for every press (up to 5 minutes). In Copy mode, skip edits one minute for every press (up to 5 minutes). Also makes selections in the menu system.

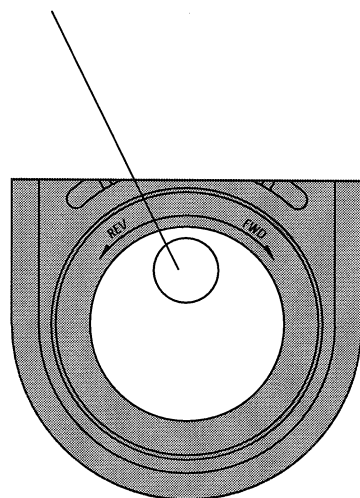
Search/Index — From Stop, Play, F.Forward, or Rewind, opens the Search/Index Menu. While recording, places an Index mark on the tape.

VCR Plus+ — Opens the VCR Plus+ programming menu. Also moves down in the menu system.

Slow +/- — In Play mode, increases or decreases the speed of slow motion playback.

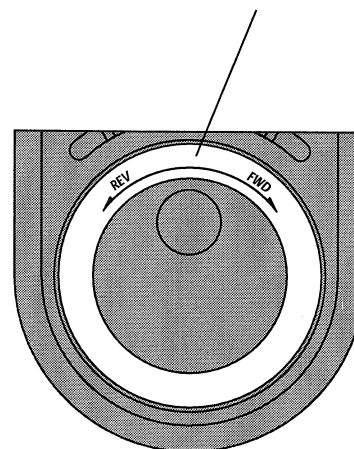
Jog Wheel/Shuttle Ring Operation

Jog Wheel — In Pause mode, rotate the Jog Wheel forward or backward to advance or rewind one frame at a time. This is useful when editing videos to achieve accurate frame-by-frame positioning.



Jog Wheel

Shuttle Ring — In Play mode, rotate the Shuttle Ring forward to gradually increase the cue speed from Double-Speed Playback to Picture Search to Jet Search. Conversely, rotate the Shuttle Ring backward to gradually slow down the tape, Pause, then go into Reverse Picture Search and Reverse Jet Search.

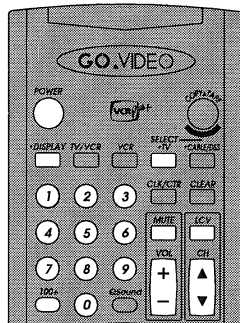


Shuttle Ring

Appendix A

Multi-Brand Remote Setup - TV

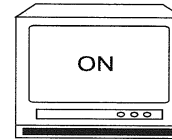
You can program your remote control to operate many popular brands of televisions. Find your TV on the list at right and follow the instructions for setup. To program your remote to operate your cable box or digital satellite system (DSS) receiver please refer to the following page.



Once you have programmed your remote, some or all of the keys highlighted above will be available to operate your television.

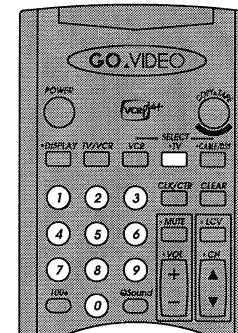
1 Turn On TV

Press the power button on your TV.



2 Program Code

Press and hold down the TV button while entering the 2-digit code for your brand of television with the 0-9 keys (see table). Note: If there is more than one code for your brand of TV, try them all until one works.

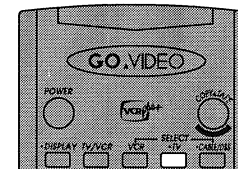


3 Check Your Results

If the TV advances to the next active channel, programming is complete! If the TV does not respond, try another 2-digit code. Some TV's are not listed but can be programmed.

4 Operate Your TV

Press TV to set the remote control to operate your TV. Note: When the remote control is in TV mode, it will NOT operate your VCR. To return to VCR mode, press VCR on the remote control.

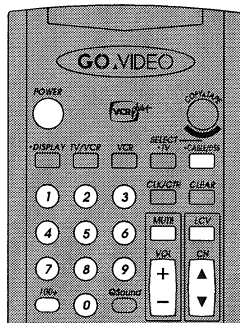


TV CODES

Daewoo	TV + 19
Emerson	TV + 21
Hitachi	TV + 10
JVC	TV + 11
LG	TV + 08
	TV + 18
LG (Goldstar)	TV + 06
Loewe	TV + 28
Magnavox	TV + 04
Mitsubishi	TV + 13
Newsan (S. America)	TV + 27
Noblex (S.America)	TV + 25
Panasonic	TV + 12
	TV + 24
RCA	TV + 07
	TV + 29
Samsung	TV + 01
	TV + 14
	TV + 15
	TV + 23
Sanyo	TV + 05
	TV + 20
Sharp	TV + 02
	TV + 16
	TV + 22
Sony	TV + 03
Telefunken (S. America)	TV + 26
Toshiba	TV + 09
Zenith	TV + 17

Multi-Brand Remote Setup - Cable Box/DSS

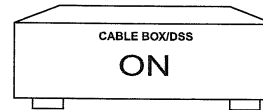
You can program your remote control to operate many popular brands of cable box or digital satellite system (DSS) receiver. Find your device on the list at right and follow the instructions for setup.



Once you have programmed your remote, some or all of the keys highlighted above will be available to operate your cable box/DSS.

1 Turn On Cable Box/DSS

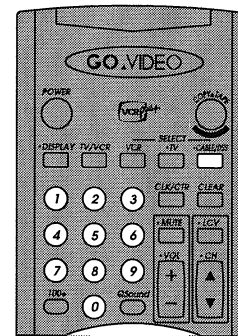
Press the power button on your device.



2 Program Code

Press and hold down the Cable/DSS button while entering the 2-digit code for your brand of cable box/DSS with the 0-9 keys (see table).

Note: If there is more than one code for your brand, try them all until one works.



3 Check Your Results

If the cable box/DSS changes channels, programming is complete! If the device does not respond, try another 2-digit code. Some devices are not listed but can be programmed.

4 Operate Your Cable Box

Press Cable/DSS to set the remote control to operate your device. Note: When the remote control is in Cable/DSS mode, it will NOT operate your VCR. To return to VCR mode, press VCR on the remote control.

Cable Box/DSS Brand	2-Digit Code
Anvision	13,20,21,22,23,24,25,26,58,62
Archer	29,42,44
Cablestar	13,20,21,22,23,24,25,26,58,62
Cableview	42,44
Citizen	42,44
Curtis	08,09,56,61
Diamond	29,44
Eagle	13,20,21,22,23,24,25,26,58,62
Eastern	28
GC Brand	42,44
Gemini	04,30
General Instruments	01,02,03,04,55,75,85
Hamlin	14,15
Hitachi	31,79,80
Jerold	01,02,03,04,55,75,83,85
Macom	31,79,80
Magnavox	13,20,21,22,23,24,25,26,58,62
Movietime	32,38,39
NSC	38,39
Oak	10,11,12,13,46
Oak Sigma	46
Panasonic	06,08,16,17
Philips	13,20,21,22,23,24,25,26,58,62
Pioneer	05,06
Pulser	43,44
Randtek	13,20,21,22,23,24,25,26,58,62
RCA	06,08,16,17,97
Regal	14,23,41
Rembrandt	32
Samsung	04,06,42,44,78,86
Scientific Atlanta	08,09,61,56
Sheritech	26,27,28
SL Mark	04,06,42,78
Sony	98
Sprucer	06,08,16,17
Stargate	04,06,42,44,78
Sylvania	19
Teknika	74
Telecaption	77
Televue	04,06,42,78
Texscan	18,19
TOCOM	33,34,48,49,73
Toshiba	36,99
Unika	20,21,29,42,44
Universal	43,52,63,82
Videoway	07,45,50,59
Viewstar	13,20,21,22,23,24,25,26,58,62
Warner Amex	06
Zenith	07,45,50,59