

WATCHING TV / CHANNEL CONTROL

REMOTE CONTROL FUNCTIONS

When using the remote control, aim it at the remote control sensor on the TV.

TV/STB/DVD/VCR Select the remote operating mode: TV, STB, DVD, or VCR.

POWER Turns your TV or any other programmed equipment on or off, depending on the mode.

Q.MENU Select the desired quick menu source. ► p.51

MENU Displays the main menu.
Clear all on-screen displays and return to TV viewing from any menu.

INPUT External input modes rotate in regular sequence.

VOLUME UP /DOWN Increase/decrease the sound level.

FAV Scroll through the programmed Favorite channels. ► p.51

MUTE Switch the sound on or off. ► p.50

CHANNEL UP/DOWN Select available channels.

PAGE UP/DOWN Move from one full set of screen information to the next one.

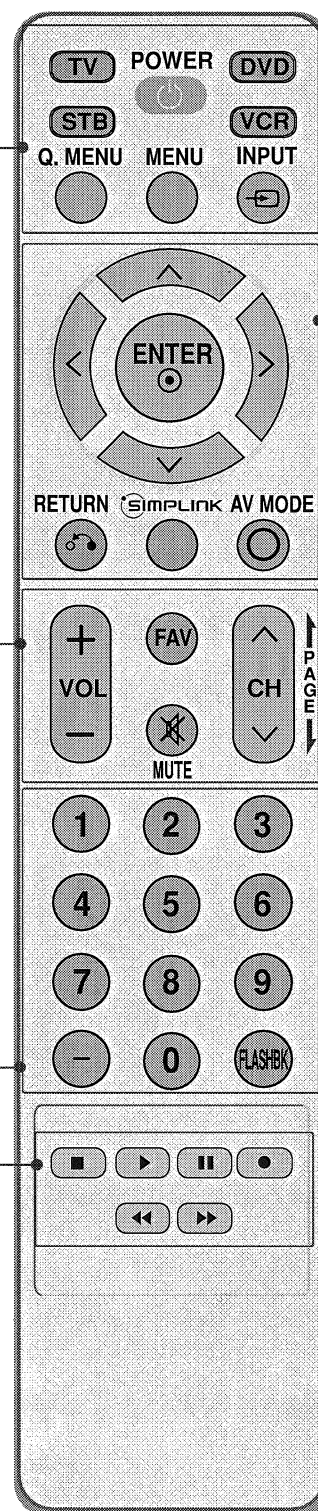
NUMBER button

— (DASH) Used to enter a program number for multiple program channels such as 2-1, 2-2, etc.

FLASHBK Tune to the last channel viewed.

VCR/DVD, USB, SIMPLINK Control buttons

- Control video cassette recorders or DVD players.
- Control USB menu (PHOTO LIST and MUSIC LIST.)
- Control the SIMPLINK compatible devices.



THUMBSTICK
(Up/Down/Left
Right/ENTER)

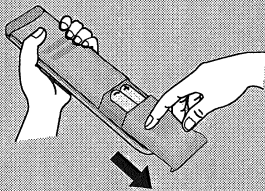
Navigate the on-screen menus and adjust the system settings to your preference.

RETURN Allows the user to move return one step in an interactive application or other user interaction function.

SIMPLINK See a list of AV devices connected to TV.
When you toggle this button, the SIMPLINK menu appears at the screen. ► **p.62-63**

AV MODE It helps you select and set images and sounds. ► **p.61**

Installing Batteries



- Open the battery compartment cover on the back side and install the batteries matching correct polarity (+with +,-with -).
- Install two 1.5V AAA batteries. Don't mix old or used batteries with new ones.
- Close cover.

APPENDIX

PROGRAMMING THE REMOTE CONTROL

The provided universal remote control can be programmed to operate most remote-controllable devices.

Note that the remote may not control all models of other brands.

Programming a code into a remote mode

- 1 Testing your remote control.
To find out whether your remote control can operate other components without programming, turn on a component such as a STB and press the corresponding mode button (such as a **STB**) on the remote control, while pointing at the component. Test the **POWER** and **CH** \wedge \vee buttons to see if the component responds correctly. If the component does not operate correctly, the remote control requires programming to operate the device.
- 2 Turn on the component to be programmed, then press the corresponding mode button (such as **STB**) on the remote control. The remote control button of the desired device is illuminated.
- 3 Press the **MENU** and **MUTE** buttons simultaneously, and the remote control is ready to be programmed with the code.
- 4 Enter a code number using the number buttons on the remote control. Programming code numbers for the corresponding component can be found on the following pages. If the code is correct, the device will turn off.
- 5 Press the **MENU** button to store the code.
- 6 Test the remote control functions to see if the component responds correctly. If not, repeat from step 2.

Remote Control Code

VCR

Brand	Codes	Brand	Codes	Brand	Codes
AIWA	034	MAGNAVOX	031 033 034 041	SAMSUNG	032 040 102 104
AKAI	016 043 046 124 125 146	MARANTZ	067 068 012 031 033 067 069		105 107 109 112 113 115 120 122 125
AMPRO	072	MARTA	101	SANSUI	022 043 048 135
ANAM	031 033 103	MATSUI	027 030	SANYO	003 007 010 014 102 134
AUDIO DYNAMICS	012 023 039 043	MEI	031 033	SCOTT	017 037 112 129 131
BROKSONIC	035 037 129	MEMOREX	003 010 014 031 033 034 053 072 101 102 134 139	SEARS	003 008 009 010 013 014 017 020 031 042 073 081 101
CANON	028 031 033			SHARP	031 054 149
CAPEHART	108	MGA	045 046 059	SHINTOM	024
CRAIG	003 040 135	MINOLTA	013 020	SONY	003 009 031 052 056 057 058 076 077 078 149
CURTIS MATHES	031 033 041	MITSUBISHI	013 020 045 046 049 051 059 061 151	SOUNDESIGN	034
DAEWOO	005 007 010 064 065 108 110 111 112 116 117 119	MTC	034 040	STS	013
DAYTRON	108	MULTITECH	024 034	SYLVANIA	031 033 034 059 067
DBX	012 023 039 043	NEC	012 023 039 043 048	SYMPHONIC	034
DYNATECH	034 053			TANDY	010 034
ELECTROHOME	059	NORDMENDE	043	TATUNG	039 043
EMERSON	006 017 025 027 029 031 034 035 036 037 046 101 129 131 138 153	OPTONICA	053 054	TEAC	034 039 043
FISHER	003 008 009 010	PANASONIC	066 070 074 083 133 140 145	TECHNICS	031 033 070
FUNAI	034			TEKNIKA	019 031 033 034 101
GE	031 033 063 072 107 109 144 147	PENTAX	013 020 031 033 063	THOMAS	034
GO VIDEO	132 136	PHILCO	031 034 067	TMK	006
HARMAN KARDON	012 045	PHILIPS	031 033 034 054 067 071 101	TOSHIBA	008 013 042 047 059 082 112 131
HITACHI	004 018 026 034 043 063 137 150	PILOT	101	TOTEVISION	040 101
INSTANTREPLAY	031 033	PIONEER	013 021 048	UNITECH	040
JCL	031 033	PORTLAND	108	VECTOR RESEARCH	012
JCPENNY	012 013 015 033 040 066 101	PULSAR	072	VICTOR	048
JENSEN	043	QUARTZ	011 014	VIDEO CONCEPTS	012 034 046
JVC	012 031 033 043 048 050 055 060 130 150 152	QUASAR	033 066 075 145	VIDEOSONIC	040
KENWOOD	014 034 039 043 047 048	RCA	013 020 033 034 040 041 062 063 107 109 140 144 145 147	WARDS	003 013 017 024 031 033 034 040 053 054 131
LG (GOLDSTAR)	001 012 013 020 101 106 114 123	REALISTIC	003 008 010 014 031 033 034 040 053 054 101	YAMAHA	012 034 039 043
LLOYD	034	RICO	058	ZENITH	034 048 056 058 072 080 101
LXI	003 009 013 014 017 034 101 106	RUNCO	148		
MAGIN	040	SALORA	014		

APPENDIX

HDSTB

Brand	Codes	Brand	Codes	Brand	Codes
ALPHASTAR DSR	123	HOUSTON TRACKER	033 037 039 051	PROSAT	072
AMPLICA	050		057 104	RCA	066 106
BIRDVIEW	051 126 129	HUGHES	068	REALISTIC	043 074
CHANNEL MASTER	013 014 015 018	JANIEL	060 147	SAMSUNG	123
	036 055	JERROLD	061	SATELLITE SERVICE CO	028 035 047 057
CHAPARRAL	008 009 012 077	KATHREIN	108		085
CITOH	054	LEGEND	057	SCIENTIFIC ATLANTA	032 138
CURTIS MATHES	050 145	LG	001	SONY	103
DRAKE	005 006 007 010	LUTRON	132	STARCAST	041
	011 052 112 116	LUXOR	062 144	SUPER GUIDE	020 124 125
	141	MACOM	010 059 063 064	TEECOM	023 026 075 087
DX ANTENNA	024 046 056 076		065		088 090 107 130
ECHOSTAR	038 040 057 058	MEMOREX	057		137
	093 094 095 096	NEXTWAVE	028 124 125	TOSHIBA	002 127
	097 098 099 100	NORSAT	069 070	UNIDEN	016 025 042 043
	122	PACE SKY SATELLITE	143		044 045 048 049
ELECTRO HOME	089	PANASONIC	060 142		078 079 080 086
EUROPLUS	114	PANSAT	121		101 135 136
FUJITSU	017 021 022 027	PERSONAL CABLE	117	VIEWSTAR	115
	133 134	PHILIPS	071	WINEGARD	128 146
GENERAL INSTRUMENT	003 004 016 029	PICO	105	ZENITH	081 082 083 084
	031 059 101	PRESIDENT	019 102		091 120
HITACHI	139 140	PRIMESTAR	030 110 111		

DVD

Brand	Codes	Brand	Codes	Brand	Codes
APEX DIGITAL	022	MITSUBISHI	002	RCA	005 006
DENON	020 014	NAD	023	SAMSUNG	011 015
GE	005 006	ONKYO	008 017	SONY	007
HARMAN KARDON	027	PANASONIC	003 009	THOMPSON	005 006
JVC	012	PHILIPS	013	TOSHIBA	019 008
LG	001 010 016 025	PIONEER	004 026	YAMAHA	009 018
MAGNAVOX	013	PROCEED	021	ZENITH	010 016 025
MARANTZ	024	PROSCAN	005 006		