

Using the remote control

Preparing the remote control for use

Your Toshiba remote control has one dedicated TV mode and 5 universal modes: VCR, Cable/SAT, DVD, Audio1, and Audio2. The target devices and default devices being programmed for each mode are as follows:

Target device/Mode mapping

Mode	Device
TV	Toshiba TV
CABLE/SAT	Universal Cable, Satellite
VCR	Universal VCR, DVD, LD, Cassette
DVD	Universal DVD, VCR, LD, Cassette
AUDIO1	Universal Audio: Amp., Tuner, Misc.Audio, CD/MD
AUDIO2	Universal Audio: CD/MD, Amp., Tuner, Misc.Audio

Default device codes

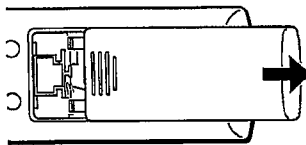
Mode	Default device
TV	Toshiba TV
CABLE/SAT	Toshiba Satellite receiver
VCR	Toshiba VCR
DVD	Toshiba DVD
AUDIO1	Pioneer Audio receiver
AUDIO2	Pioneer LD

The Mode selection button, when pressed, cycles among each mode. If you own different brands of audio/video devices, you first have to program your remote control. (See "Programming the remote control for use with audio/video devices" on page 14.)

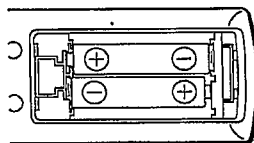
Installing the remote control batteries

To install the batteries:

1. Slide the battery cover off the back of the remote control.



2. Install two "AA" size alkaline batteries. Match the + and - signs on the batteries to the signs on the battery compartment.



3. Slide the battery cover back on to the remote control until the lock snaps.

Note:

This remote control's functions may or may not operate your audio/video devices.

Refer to the owner's manuals supplied with the devices to see which features are available. In addition, the original controllers may have features not available on this remote control. If you would like to continue to use these features, you may want to use the original remote control.

Caution:

- Dispose of your batteries in a designated disposal area. Do not throw your batteries into a fire.
- Do not mix battery types or combine used batteries with new ones.
- Remove dead batteries immediately to prevent battery acid from leaking into the battery compartment.
- Battery life expectancy is about one year with normal use. If you do not intend to use the remote control for a long time, remove the batteries.

Remote Control functional key chart

Key Label	Toshiba TV (TV)	Cable (CBL/SAT)	Satellite (CBL/SAT)	VCR	DVD/LD	Receiver (AUDIO)	CD/MD (AUDIO)	Cassete (VCR)
LIGHT	Illuminates the remote							
SLEEP	Sleep timer	---	---	---	---	---	---	---
POWER	Power	Power	Power	Power	Power	Power	Power	Power
1/MOVIE	Digit 1	Digit 1	Digit 1	Digit 1	Digit 1	AV input 1	Digit 1	Digit 1
2/SPORTS	Digit 2	Digit 2	Digit 2	Digit 2	Digit 2	AV input 2	Digit 2	Digit 2
3/NEWS	Digit 3	Digit 3	Digit 3	Digit 3	Digit 3	AV input 3	Digit 3	Digit 3
4/SERVICES	Digit 4	Digit 4	Digit 4	Digit 4	Digit 4	AV input 4	Digit 4	Digit 4
5/LIST	Digit 5	Digit 5	Digit 5	Digit 5	Digit 5	CD	Digit 5	Digit 5
6	Digit 6	Digit 6	Digit 6	Digit 6	Digit 6	Tuner	Digit 6	Digit 6
MODE	Device mode selection for the remote control							
PIC SIZE	This button is not available for this TV model or any other device connected to this TV.							
7	Digit 7	Digit 7	Digit 7	Digit 7	Digit 7	Phono	Digit 7	Digit 7
8	Digit 8	Digit 8	Digit 8	Digit 8	Digit 8	Cassette	Digit 8	Digit 8
9	Digit 9	Digit 9	Digit 9	Digit 9	Digit 9	Aux	Digit 9	Digit 9
ACTION	---	Menu	Action, Menu	Menu	Menu	---	---	---
100	100	100	100	100	100	100	100	100
0	Digit 0	Digit 0	Digit 0	Digit 0	Digit 0	Digit 0	Digit 0	Digit 0
ENT	---	CH Enter	CH Enter	CH Enter	---	---	---	---
GUIDE/SETUP	---	Guide	Guide	Program	DVD setup	Program	Program	---
INFO/TITLE	TV preview	← TV	INFO	← TV	TITLE= Top menu	← TV	← TV	← TV
FAVORITE/ SUBTITLE	Favorite CH	---	Favorite CH	---	Subtitle	---	---	---
ALPHASORT/ AUDIO	---	---	Alphasort	---	Audio	---	---	---
MENU/ ENTER	Menu open/ Enter	Select	Select	Enter	Enter	---	---	---
▲▼	Menu select	Menu select	Menu select	Menu select	Menu select	---	---	---
◀▶/FAV	Menu select/ FAV	Menu select	Menu select	Menu select	Menu select	---	---	---
VOL ▲▼	Volume up/down*	Volume up/down*	Volume up/down*	Volume up/down*	Volume up/down*	Volume up/down*	Volume up/down*	---
EXIT/ DVD CLEAR	Exit	Exit	Exit	Exit	DVD clear	Exit/Clear	Exit/Clear	Exit/Clear
CH ▲▼	Channel up/down	Channel up/down	Channel up/down	Channel up/down	---	Channel up/down	---	---
INPUT	TV/Video select	← TV	← TV	VCR input	← TV	Input	← TV	← TV
MODE	Sound mute*	Sound mute*	Sound mute*	Sound mute*	Sound mute*	Sound mute*	Sound mute*	---
RECALL	On-screen display	On-screen display	On-screen display	On-screen display	On-screen display	---	---	---
CH RTN/ DVD RTN	Previous channel	Previous channel	Previous channel	Previous channel	DVD return	---	---	---
SLOW/ DIR	---	---	---	Forward	Forward Reverse	---	---	---
SKIP/ SEARCH	---	---	---	---	Forward Reverse	CH forward CH reverse	Forward Reverse	Forward Reverse
REW	VCR →	VCR →	VCR →	Rewind	Rewind	Rewind	Rewind	Rewind
PAUSE/STEP	VCR →	VCR →	VCR →	Pause	Pause	Pause	Pause	Pause
PLAY	VCR →	VCR →	VCR →	Play	Play	Play	Play	Play
FF	VCR →	VCR →	VCR →	F Forward	F Forward	F Forward	F Forward	F Forward
TV/VCR	VCR →	Bypass A/B	TV/SAT	TV/VCR	---	---	---	---

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DISC AM/FM	---	---	---	---	Disc shift	AM/FM	Disc shift	Deck side A/B switch
STOP	VCR →	VCR →	VCR →	Stop	Stop	Stop	Stop	Stop
REC	VCR →	VCR →	VCR →	Record	---	Record	Record	Record
PIP CH ΔV	PIP channel up/down	← TV	← TV	← TV	← TV	← TV	← TV	← TV
PIP	PIP on/off	← TV	← TV	← TV	← TV	← TV	← TV	← TV
MULTI	Strobe	← TV	← TV	← TV	← TV	← TV	← TV	← TV
STILL	PIP Still	← TV	← TV	← TV	← TV	← TV	← TV	← TV
SWAP	PIP Swap	← TV	← TV	← TV	← TV	← TV	← TV	← TV
LOCATE	PIP Locate	← TV	← TV	← TV	← TV	← TV	← TV	← TV
SOURCE	PIP Source	← TV	← TV	← TV	← TV	← TV	← TV	← TV

Notes:

- "—" will send nothing.
- "← TV" will jump to TV.
- "VCR →" will jump to last active VCR or DVD. Active VCR/DVD is defined as the mode that remains for a minimum of 5 seconds, or if a key is pressed in that mode.
- * The VOLUME and MUTE will jump to "TV" by default. When the volume is unlocked, all the devices will have their own volume. The AUDIO1/2 (Receiver, CD) modes will have their own volume even if Volume Lock is on TV, CABLE/SAT, VCR, or DVD. See "Using the Volume Lock feature" on page 15.

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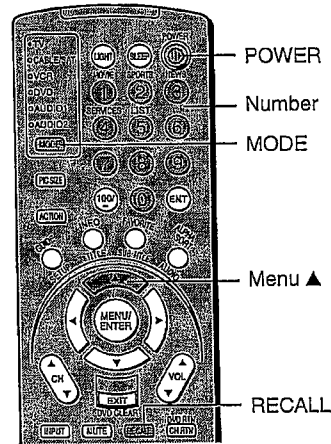
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Programming the remote control for use with your audio/video devices

Device code setup

1. Refer to the Device code table on pages 16-19 to find the number that corresponds to the brand name of your device.
If more than one number is listed, try each one separately until you find the one that works.
2. Press MODE until the Mode indicator of the device (CABLE/SAT, VCR, DVD, AUDIO1, AUDIO2) lights up.
3. Hold down the RECALL button while using the Number buttons to enter the four-digit code number of your brand of device.
If a valid code has been entered, the mode indicator will blink twice. If an invalid code is entered, there will be one long blink.
4. Point the remote control at the device and press POWER to test the code number.
If the device turns on, you have entered the right number.
If the device does not respond to the remote control, you may have entered the wrong number. Repeat steps 3 and 4 using another code number.
5. Press MODE to select the TV mode to control the TV.



Note:

- Each time you replace the batteries, you must reprogram the remote control.
- Some newer VCRs are capable of working on either of two remote codes. These VCRs have a switch labeled "VCR1/VCR2."
If your VCR has this kind of switch, it may not respond to any of the code numbers for your VCR brand name. In this case, set the switch to the other position (VCR1 or VCR2) and reprogram the remote control.

Searching and sampling the code of a device (991)

If you do not know the device code for a particular target unit, you can cycle the remote through the available codes for that device mode and sample functions in order to find the code that properly operates the desired target device. The keys available to be sampled, provided they are applicable to that mode, are 0, 1, 2, 3, POWER, VOL ▲, CH ▲, PLAY and STOP. Invalid keys will be ignored while in program mode.

To cycle through each available device code and sample its functions:

1. Press MODE to select the mode you want to set up.
2. While holding down the RECALL button, press 9, 9, 1 in sequence. The remote control will enter program mode.
3. Point the remote at the target device, then press POWER (or other function buttons that are available to be sampled).
4. If the device responds to the remote:
Press RECALL to store the device code.
The mode indicator will blink twice and the remote will exit the program mode.
If the device does not respond to the remote:
Press Menu ▲ then press POWER.
Repeat this step until the device responds to the remote, then press RECALL.

Note: If a search cycle has been completed, the mode indicator will blink three times. The remote will begin to cycle through the available codes again. If no key is pressed within ten seconds while programming, the remote will exit the program mode and return to the previous code.

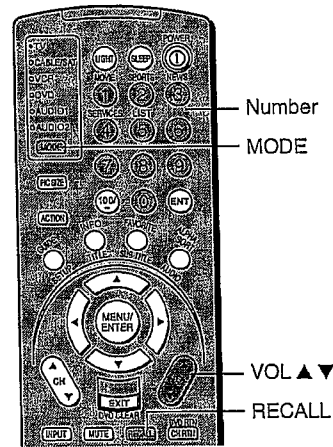
Verifying the device code (990)

Use this feature to verify the codes for your other devices. The number of blinks after pressing the 1, 2, 3, and 4 buttons is the 4-digit code set up for that mode.

Example: To verify the VCR code is 0385:

1. Press MODE to select the VCR mode.
2. While holding down the RECALL button, press 9, 9, 0 in sequence.
3. Press 1 → 0 blinks.
4. Press 2 → 3 blinks.
5. Press 3 → 8 blinks.
6. Press 4 → 5 blinks.

You can verify that the device code of the VCR mode is “0385.”



Using the Volume Lock feature (993)

For the TV, CABLE/SAT, VCR, and DVD modes, the volume controls (VOL ▲▼ and MUTE) can be programmed or locked to the selected device mode. This feature does not apply to the AUDIO1/2 modes.

Example: To lock the volume controls to always jump to the CABLE/SAT mode:

1. Press MODE to select the CABLE/SAT mode.
2. While holding down the RECALL button, press 9, 9, 3 in sequence.
3. Press VOL ▲. The Mode indicator will blink two times (locked).

The following table describes in more detail the Volume Lock implementation.

Volume Locked to	TV	CBL/SAT	VCR	DVD	AUD1	AUD2
TV (default)	TV	TV	TV	TV	AUD1	AUD2
CBL/SAT	CBL/SAT	CBL/SAT	CBL/SAT	CBL/SAT	AUD1	AUD2
VCR	VCR	VCR	VCR	VCR	AUD1	AUD2
DVD	DVD	DVD	DVD	DVD	AUD1	AUD2
AUD1	AUD1	AUD1	AUD1	AUD1	AUD1	AUD1
AUD2	AUD2	AUD2	AUD2	AUD2	AUD2	AUD2

To reset the volume controls to the original device code:

1. Pressing the RECALL button, press 9, 9, 3 in sequence.
2. Press VOL ▼. The Mode indicator will blink four times (unlocked).

Operational feature Reset (980)

This feature clears all setup features not related to “Device code set up” and resets the Volume Lock to “TV.”

To reset the features:

- While holding down the RECALL button, press 9, 8, 0 in order. The Mode indicator will blink two times, then pause and blink two more times.

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Device code table

Cable box setup codes

Brand name	Code number
ABC	0020, 0022, 0026, 0027, 0030, 0032, 0033, 0036
Allegro	0172, 0334
Americast	0918
Antronix	0041, 0226
Archer	0041, 0172, 0226, 0816
BBT	0286
Belcor	0075
Bell & Howell	0033
Bell South	0918
Cable Star	0075
Cabletenna	0041
Cableview	0041
Century	0172
Citizen	0172, 0334
Colour Voice	0044, 0050
Comtronics	0059
Contec	0038
Digi	0656
Eastern	0021
Emerson	0816
Everquest	0034, 0059
Focus	0419
GC Electronics	0075, 0226
Garrard	0172
Gemini	0034, 0089, 0816
General Instrument	0030, 0295, 0495, 0829
GoldStar	0059, 0163
Goodmind	0816
Hamlin	0028, 0039, 0053, 0278, 0292
Hitachi	0030
Hytex	0026
Jasco	0034, 0172, 0334
Jerrold	0022, 0030, 0031, 0033, 0034, 0043, 0295, 0495, 0829
Linsay	0459
Magnavox	0046
Memorex	0019
Movie Time	0082, 0175
NSC	0082, 0089, 0175
Novaplex	0637
Oak	0026, 0038
Optimus	0040
Panasonic	0019, 0040, 0126
Panther	0656
Paragon	0019
Philips	0044, 0046, 0050, 0172
Pioneer	0042, 0163, 0552, 0896
Popular Mechanics	0419
Prelude	0789
Pulsar	0019
Quasar	0019
RCA	0040
Radio Shack	0034, 0334, 0816, 0902
Realistic	0226
Recoton	0419
Regal	0039, 0278, 0292
Regency	0021
Rembrandt	0030, 0089
Runco	0019

SL Marx	0059
Samsung	0059, 0163
Scientific Atlanta	0027, 0036, 0496, 0896
Seam	0529
Signal	0034, 0059
Signature	0030
Sprucer	0040
StarSight	0441, 0561
Starcom	0022, 0034
Stargate	0034, 0059, 0789, 0816
Starquest	0034
Sylvania	0020
TFC	0329
TV86	0082
Tandy	0277
TeleCaption	0240
Televue	0059
Texscan	0020
Timeless	0437
Tocom	0031, 0032
Toshiba	0019
Tusa	0034
Unika	0041, 0172, 0226
United Artists	0026
Universal	0041, 0075, 0172, 0210, 0226
Viewstar	0046, 0082, 0277
Zenith	0019, 0073, 0544, 0918
Zentek	0419

Satellite Receiver setup codes

Brand name	Code number
AlphaStar	0791
Chaparral	0072, 0235
Curtis Mathes	0080
Echostar	0288, 0299, 0794, 1024
Expressvu	0794
General Instrument	0380, 0646, 0888
HTS	0794
Hitachi	0838
Homecable	0257
Hughes Network Systems	0768
IQ	0229
IQ Prism	0229
JVC	0794
Jerrold	0380, 0646
Legend	0288
Macom	0080
Magnavox	0741, 0743
Memorex	0288, 0743
Next Level	0888
Panasonic	0720
Philips	0741, 0743
Primestar	0380, 0646
RCA	0162, 0411, 0585, 0874
Radio Shack	0888
Realistic	0071
STS	0229
Sony	0658
Star Choice	0888
Toshiba	0080, 0101, 0768, 0809, 1071, 1072, 1073
Uniden	0071, 0093, 0257, 0741, 0743
Zenith	0080, 0875

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VCR setup codes

Brand name	Code number				
Admiral	0067, 0228	Kenwood	0057, 0060, 0086,	Radix	0056
Adventura	0019		0403	Randex	0056
Aiko	0297	Kodak	0054, 0056	Realistic	0019, 0054, 0056,
Aiwa	0019, 0056, 0326	LXI	0056		0065, 0066, 0067,
Akai	0060, 0072, 0080,	Lloyd's	0019, 0227		0081, 0085, 0123
	0125	Logik	0091	ReplayTV	0633, 0635
America Action	0297	MEI	0054	Ricoh	0053, 0272
American High	0054	MGA	0062, 0080, 0259	Runco	0058
Asha	0259	MGN Technology	0259	STS	0061
Audiovox	0056	MTC	0019, 0259	Samsung	0064, 0070, 0072,
Beaumarck	0259	Magnasonic	0297		0259
Bell & Howell	0123	Magnavox	0019, 0054, 0058,	Sanky	0058, 0067
Broksonic	0021, 0140, 0203,		0100, 0129, 0168	Sansui	0019, 0060, 0086,
	0228, 0314, 0380,	Magnin	0259		0228, 0290, 0498
	0498	Marantz	0054, 0100	Sanyo	0065, 0066, 0123,
CCE	0091, 0297	Marta	0056		0259
Calix	0056	Matsushita	0054, 0181, 0473	Scott	0062, 0064, 0140,
Canon	0054	Memorex	0019, 0054, 0056,		0203, 0229, 0231
Capehart	0039		0058, 0065, 0066,	Sears	0019, 0054, 0056,
Carver	0100		0067, 0123, 0181,		0061, 0065, 0066,
Cineral	0297		0228, 0259, 0326,		0073, 0076, 0085,
Citizen	0056, 0297		0473, 1056, 1181,		0123, 0124
Colt	0091		1281	Semp	0064
Craig	0056, 0066, 0091,	Minolta	0061, 0124	Sharp	0067, 0081
	0259, 0290	Mitsubishi	0062, 0067, 0080,	Shintom	0091
			0086	Shogun	0070, 0259
Curtis Mathes	0054, 0060, 0079,	Motorola	0054, 0067	Singer	0091
	0181	Multitech	0019, 0091	Sony	0019, 0051, 0052,
Cybernex	0070, 0259	NAD	0077		0053, 0054, 0272,
Daewoo	0039, 0064, 0297,	NEC	0057, 0059, 0060,		1051
	0580		0086, 0123	Sunpak	0272
Daytron	0039	Nikko	0056	Sylvania	0019, 0054, 0062,
Denon	0061	Nikon	0053, 0272		0100, 0129
Dynatech	0019	Noblex	0259	Symphonic	0019
Electrohome	0056	Olympus	0054	TMK	0055, 0227, 0259
Electrophonics	0056	Optimus	0056, 0067, 0077,	Tatung	0060
Emcex	0051		0123, 0181, 0451,	Teac	0019, 0060
Emerson	0019, 0021, 0055,		0473, 1067, 1081,	Technics	0054, 0181
	0056, 0062, 0080,		1181, 1281	Teknika	0019, 0054, 0056
	0087, 0107, 0140,	Optonica	0081	Thomas	0019
	0203, 0227, 0228,	Orion	0021, 0203, 0228,	Tivo	0637
	0231, 0297, 0313,		0314, 0498	Toshiba	0062, 0064, 0076,
	0314, 0380, 0498,	Panasonic	0054, 0096, 0181,		0085, 0229, 0231,
	0580		0244, 0473, 0635,		0385
Fisher	0066, 0073, 0085,		1081, 1181, 1281	Totevision	0056, 0259
	0123	Penney	0054, 0056, 0057,	Unitech	0259
Fuji	0052, 0054		0059, 0061, 0073,	Vector	0064
Funai	0019		0259	Vector Research	0057, 0059
GE	0054, 0067, 0079,	Pentax	0061, 0124	Video Concepts	0059, 0064, 0080
	0221, 0259	Philco	0054, 0228, 0498	Videosonic	0259
Garrard	0019	Philips	0054, 0081, 0100,	Wards	0019, 0054, 0061,
Go Video	0451, 0545, 0662		0129, 0637, 1100,		0066, 0067, 0079,
GoldStar	0056, 0057		1200		0081, 0091, 0100,
Gradiente	0019, 0027	Pilot	0056		0168, 0231, 0259
HI-Q	0066	Pioneer	0077, 0086	White Westinghouse	0228, 0297
Harley Davidson	0019	Portland	0039	XR-1000	0019, 0054, 0091
Harman/Kardon	0057, 0100	Profitronic	0259	Yamaha	0057
Harwood	0087, 0091	Proscan	0079, 0221	Zenith	0019, 0052, 0053,
Headquarter	0065	Protec	0091		0058, 0228, 0498,
Hirachi	0019, 0060, 0061,	Pulsar	0058, 0070		0656
	0124	Quarter	0065		
Hughes Network		Quartz	0065		
Systems	0061	Quasar	0054, 0096, 0181,		
JVC	0027, 0060, 0086,		0473, 1181		
	0403	RCA	0054, 0061, 0067,		
Jensen	0060		0079, 0096, 0124,		
KEC	0056, 0297		0125, 0168, 0221,		
KLH	0091		0259		
		Radio Shack	0019, 1056		

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DVD setup codes

Brand name	Code number
Aiwa	0660
Denon	0509, 0653
GE	0541
Harman/Kardon	0601
JVC	0577, 0642
Kenwood	0553
Magnavox	0522
Marantz	0558
Mitsubishi	0540
Onkyo	0522, 0646
Optimus	0590
Panasonic	0509, 0651
Philips	0522, 0558
Pioneer	0544, 0590, 0651
Proscan	0541
RCA	0541
Samsung	0592
Sharp	0649
Sherwood	0652
Sony	0552
Technics	0509
Theta Digital	0590
Toshiba	0522
Yamaha	0509, 0564
Zenith	0522, 0610

Laser Disc setup codes

Brand name	Code number
Aiwa	0222
Carver	0083, 0213, 0342
Denon	0078, 0191
Disco Vision	0042
Funai	0222
Harman/Kardon	0213
Hitachi	0042
Magnavox	0213, 0236
Marantz	0083, 0213
Mitsubishi	0078
NAD	0078
Optimus	0078
Panasonic	0223
Philips	0083, 0213
Pioneer	0042, 0078
Quasar	0223
Realistic	0222
Samsung	0342
Sega	0042
Sony	0212, 0220
Technics	0223
Theta Digital	0213
Yamaha	0236

CD Player setup codes

Brand name	Code number
ADC	0037
Adcom	0174, 0253
Aiwa	0143, 0176
Akai	0175
Audio Alchemy	0213
Audio-Technica	0189
BSR	0213, 0264
Burmester	0439
California Audio Labs	0048, 0322
Carrera	0213
Carver	0176, 0198, 0318, 0456
DAK	0264
DKK	0019
Denon	0022, 0892
Emerson	0174, 0183, 0324, 0488
Fisher	0107, 0193, 0198, 0361
GE	0028
Garrard	0264, 0299, 0412, 0439
Genexxa	0051, 0183, 0324
Harman/Kardon	0176, 0192, 0445
Hitachi	0051, 0174
JVC	0091
Kenwood	0047, 0056, 0209, 0645, 0700, 0845
Kodak	0306
Krell	0176
Kyocera	0037
LXI	0324
Linn	0176
Luxman	0112
MCS	0048
MTC	0439
Magnavox	0176, 0324
Marantz	0048, 0176, 0199
McIntosh	0306
Mission	0176
NAD	0038, 0318
NEC	0253
NSM	0176
Nikko	0183, 0189, 0193
Onkyo	0120, 0887
Optimus	0019, 0051, 0056, 0106, 0164, 0198, 0213, 0215, 0299, 0324, 0361, 0439, 0445, 0456, 0487, 1082
Panasonic	0048, 0322, 0386, 0771
Parasound	0213, 0439
Philips	0176, 0306, 0645
Pioneer	0051, 0263, 0324, 0487, 1082
Proton	0176
QED	0176
Quasar	0048
RCA	0028, 0072, 0174, 0198, 0324, 0783
Realistic	0174, 0183, 0198, 0199, 0439
Rotel	0176, 0439
SAE	0176
STS	0037
Sansui	0176, 0221, 0324

Sanyo	0106, 0198
Scott	0174, 0183, 0324
Sears	0324
Sharp	0056, 0199, 0880
Sherwood	0199, 0215, 0445, 1086
Sony	0019, 0204, 0509, 0623, 0624
Soundesign	0164
Tascam	0439
Teac	0193, 0199, 0412, 0439
Technics	0048, 0322
Toshiba	0038, 0318
Vector Research	0213
Victor	0091
Wards	0072, 0176
Yamaha	0055, 0189, 0206
Yorx	0480

Using the
Remote Control

Device code table

Amplifier setup codes

Brand name	Code number
Aiwa	0425
Carver	0288
Curtis Mathes	0319
Denon	0179
GE	0097
Harman/Kardon	0911
JVC	0350
Linn	0288
Magnavox	0288
Marantz	0288
Oprimus	0319, 0414
Panasonic	0327
Philips	0288, 0911
Pioneer	0032, 0319
Realistic	0414
Sony	0239, 0708
Soundesign	0097
Technics	0327
Toshiba	0372
Victor	0350
Wards	0032, 0097
Yamaha	0373

Cassette Player setup codes

Brand name	Code number
Aiwa	0048, 0216, 0219
Akai	0302
Carver	0048
Denon	0095
Fisher	0093
Garrard	0327, 0458
Harman/Kardon	0048, 0201
JVC	0263, 0292
Kenwood	0089
Magnavox	0048
Marantz	0028, 0048
Mitsubishi	0302
Onkyo	0154, 0155, 0301
Oprimus	0046, 0239, 0356, 0458
Panasonic	0248
Philips	0048
Pioneer	0046, 0118, 0239
Revox	0209
Sansui	0028, 0048
Sherwood	0356
Sony	0189, 0262, 0310
Teac	0327
Technics	0248
Toshiba	0360, 0361
Victor	0292
Wards	0046
Yamaha	0113, 0116

Misc. Audio setup codes

Brand name	Code number
Aiwa	0029, 0178, 0423
Fisher	0071
Harman/Kardon	0496
JBL	0496
JVC	0092
Jerrold	0478, 0539
Nikko	0395
Paramount Pictures	0336
RCA	0075
SSI	0336
Schneider	0395
Scientific Atlanta	0479
Sony	0029, 0178, 0595
Soundesign	0395
Starcom	0478
Yorx	0395

Receiver setup codes

Brand name	Code number
ADC	0550
Adcom	0635
Aiwa	0140, 0177, 0208, 0424, 1108, 1424
Akai	0095, 0243
Capetronic	0550
Carver	0027, 0061, 0208, 0379, 1108, 1208
Casio	0214
Clarinetre	0214
Curtis Mathes	0099
Denon	0023, 0292, 0790, 1123, 1179
Emerson	0443
Fisher	0061, 0238, 0379
Garrard	0443, 0482
Harman/Kardon	0129, 0208, 0910
Inkel	0081
JBL	0129
JVC	0093
Kenwood	0046, 0061, 0096, 0205, 0332, 0333, 1046, 1071, 1332, 1588
Koss	0443
LXI	0200
Linn	0208
Lloyd's	0214
MCS	0058, 0365
Magnavox	0147, 0208, 0214, 0410, 0550, 1108, 1208
Marantz	0058, 0147, 0208, 1108, 1208
Modulaire	0214
NAD	0339
NEC	0254
Nakamichi	0116, 0366
Onkyo	0119, 0154, 0399
Optimus	0061, 0099, 0196, 0200, 0205, 0238, 0550, 0689, 0757, 0820, 1042
Panasonic	0058, 0328, 0537, 1537
Penney	0214
Philips	0208, 0410, 1108, 1208

Pioneer	0033, 0099, 0169, 0550, 0649, 1042
Proscan	1273
Quasar	0058
RCA	0073, 0365, 0379, 0549, 0550, 1173, 1273
Realistic	0182, 0200, 0214
Sansui	0208, 0212, 0365, 1108
Sanyo	0238, 0820
Scott	0182, 0341
Sharp	0205
Sherwood	0081, 0510, 0521
Sony	0177, 0187, 0493, 1061, 1077, 1177, 1277
Soundesign	0689
Sunfire	0332, 0333, 1071, 1332
Teac	0182, 0482
Technics	0058, 0227, 0328, 0537, 1327, 1328, 1537
Thorens	1208
Victor	0093
Wards	0033, 0073, 0099, 0177, 0208
Yamaha	0195, 0205, 1195
Yorx	0214
Zenith	0876

Introduction

Connecting your TV

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Setting up your TV

Using the TV's Features

Appendix

Index

Learning about the remote control

Only the buttons that are used to operate the TV set are described here.

POWER turns the TV on or off

SLEEP sets the TV to turn off at a specific time (page 42)

LIGHT The initial press of the LIGHT button causes two actions:
 1) enables the illumination mode
 2) illuminates the keypad.
 Subsequent presses of the LIGHT button cause the Illumination mode to toggle between enabled and disabled. Any keypress illuminates the keypad for 5 seconds.
 If in programming mode, the keypad will remain lit for 10 seconds.
 When disabled, pressing the LIGHT button enables the illumination mode and lights the keypad.

Channel Numbers (0-9, 100) allow direct access to channels (page 24)

MODE cycles through the 6 device modes (TV, CABLE/SAT, VCR, DVD, AUDIO1, AUDIO2). The mode indicator will be turned off if the remote control has been left idle for more than 10 seconds.

FAVORITE allows access to Multi-Window function (page 31)

INFO allows access to Multi-Window function (page 31)

MENU allows access to programming (page 21)

ENTER sets programming menu information (page 21)

▲▼◀▶ selects or adjusts programming menus (page 21)

(FAV) ◀▶ selects your favorite channels (page 26)

Volume ▲▼ adjusts the volume level

EXIT exits programming menus (page 21)

Channel ▲▼ cycles through programmed channels (page 24)

CH RTN returns to the last viewed channel (page 26)

RECALL displays on-screen information (page 48)

MUTE mutes the sound (page 43)

INPUT selects video input source (page 40)

PIP allows access to PIP functions (page 29)

PIP turns the PIP on or off

PIP CH ▲▼ selects the PIP channels

MULTI allows access to Multi-Window function

STILL freezes the PIP

SOURCE selects the PIP source

LOCATE moves the PIP

SWAP switches the PIP and main pictures

