

Using the remote control

Preparing the remote control for use

Your TV remote control can operate your TV and many brands of cable boxes, satellite receivers, VCRs, DVD players, and HTIBs (home theater in a box), even if they are different brands.

If you have a Toshiba device:

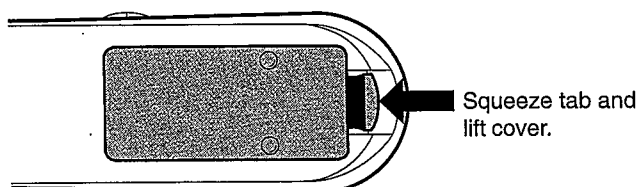
Your TV remote control is preprogrammed to operate most Toshiba devices. See page 18.

If you have a non-Toshiba device or a Toshiba device that the remote control is not preprogrammed to operate:

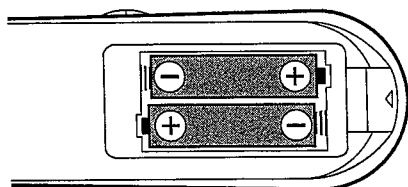
You can program the TV remote control so it will operate the other device. See pages 16–18.

Installing the remote control batteries

1. Remove the battery cover from the back of the remote control.



2. Install two "AA" size batteries, making sure to match the + and – signs on the batteries to the signs on the battery compartment.



3. Reinsert the battery cover in the remote control until the tab snaps.

Caution:

- Dispose of batteries in a designated disposal area. Do not throw batteries into a fire.
- Do not mix battery types or combine used batteries with new ones.
- If the remote control does not operate correctly, or if the operating range becomes reduced, replace both batteries with new ones.
- If the batteries are dead or if you will not use the remote control for a long time, remove the batteries to prevent battery acid from leaking into the battery compartment.

Note:

If your Toshiba TV remote control does not operate all the features of your other device, use the original remote control for that device.

Programming the remote control

Your Toshiba TV remote control is preprogrammed to operate most Toshiba devices. To program your TV remote control to operate a non-Toshiba device or a Toshiba device that the remote control is not preprogrammed to operate, follow the steps below. For details on using the remote control to operate the device, see page 18.

1. In the remote control code table (below and on the next page), find the code for your device. If more than one code is listed, try each one separately until you find one that works.
2. Set the Device Switch to the type of device you are programming the remote control to operate — CBL/SAT (for a cable converter box or satellite receiver), VCR (for a VCR or TV/VCR combo), or DVD (for a DVD player or HTIB [home theater in a box]).
3. While holding down **RECALL**, press the **Channel Number** buttons to enter the 3-digit code for your device.
4. To test the code, turn on the device, point the remote control at it, and press **POWER**.
 - If the correct code was entered, the device will turn off.
 - If the device does not respond, repeat steps 1 – 4 using another code.
 - If the device does not respond to another code, you will need to use the remote control that came with the device.

Note: In addition to **POWER**, confirm that all necessary keys on the TV remote control operate your device. If some keys are not operational, repeat the device code setup using another code (if other codes are listed for your device). If, after trying all listed codes, the necessary keys do not operate your device, use the device's original remote control.

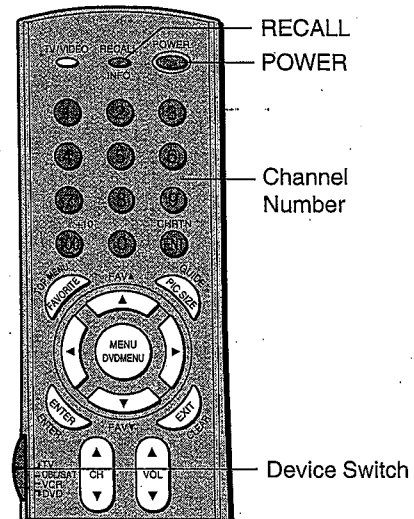
5. Remember to set the **Device Switch** back to **TV** to control the TV.
6. For future reference, write down the code(s) you used:

DEVICE	CODE	DEVICE	CODE

Remote control codes

In some cases you may not be able to operate your device with the TV remote control. Your other device may use a code that is not recognized by the TV remote control. If this happens, you will need to use the remote control provided with the device.

<p>Cable box</p> <p>ABC: 061, 062, 063, 082, 084, 087, 091, 092, 096, 098</p> <p>Archer: 065, 092, 097, 099</p> <p>Cableview: 064, 094</p> <p>Century: 092</p> <p>Citizen: 090, 092, 097</p> <p>Contec: 083, 085, 086, 088, 093, 098</p> <p>Diamond: 093</p> <p>Eagle: 091</p> <p>GE: 061, 062</p> <p>Gemini: 069, 070, 094</p> <p>General Instruments: 062, 089, 096</p> <p>Hamlin: 093</p>	<p>Hitachi: 062, 095, 096</p> <p>Jasco: 097</p> <p>Jerrold: 062, 069, 071, 082, 086, 089, 091, 096</p> <p>Magnavox: 072, 096</p> <p>Memorex: 091, 092, 104</p> <p>Multi Canal: 090</p> <p>Novavision: 101</p> <p>Panasonic: 081, 083, 085</p> <p>Philco: 087</p> <p>Philips: 066, 067, 068, 070, 072, 073, 074, 075, 091, 092</p> <p>Pioneer: 076, 077</p> <p>Proscan: 061, 062</p> <p>Radio Shack: 092, 097, 099</p>	<p>RCA: 064, 081</p> <p>Realistic: 065</p> <p>Recoton: 102</p> <p>Samsung: 077, 090</p> <p>Scientific Atlanta: 063, 078, 079, 080, 088, 098, 101, 105</p> <p>Sears: 095</p> <p>Signature: 062</p> <p>Signature 2000: 096</p> <p>Sprucer: 081, 085</p> <p>Starcom: 069, 082, 087, 096, 103, 104</p> <p>Stargate: 069, 090</p> <p>Sylvania: 095, 100</p> <p>TeleView: 090</p> <p>Texscan: 100</p> <p>Tocom: 071, 084, 085</p>	<p>U. S. Electronics: 087, 096, 098</p> <p>United Cable: 082</p> <p>Universal: 065, 092, 097, 099, 102, 103</p> <p>Wards: 096</p>	<p>General Instruments: 010, 011, 012, 022, 023, 031, 049</p> <p>Hitachi: 033</p> <p>Hughes: 033</p> <p>Hughes Network Systems: 019</p> <p>Intersat: 048</p> <p>Janeil: 027</p> <p>JVC: 017, 057</p> <p>Kenwood: 029</p> <p>Magnavox: 060</p> <p>Optimus: 058</p> <p>Pansat: 036, 052</p> <p>Primestar: 015, 042</p> <p>Proscan: 008, 009, 013</p> <p>Radio Shack: 022, 023, 030</p>
<p>Satellite receiver</p> <p>Alphastar: 038, 059</p> <p>Chaparral: 034</p> <p>DISH Network: 057</p> <p>Drake: 020, 040, 044, 046, 050, 053</p> <p>Echostar: 018, 041, 051</p> <p>Express Vu: 057</p> <p>Fujitsu: 027</p> <p>GE: 008, 009, 013</p>				



Note:

- Every time you change the batteries, you will need to reprogram the remote control.
- Some newer VCRs respond to either of two codes. These VCRs have a switch labeled "VCR1/VCR2." If your VCR has this kind of switch and does not respond to the codes for your VCR brand, set the switch to the other position ("VCR1" or "VCR2") and reprogram the remote control.

Remote control codes (cont.)

Satellite receiver (cont.)

RCA: 008, 009, 013, 016
 Realistic: 030
 Samsung: 059
 Sony: 014, 055
 Star Choice: 057
 Star Trak: 025, 026, 037, 054
 STS: 024
 Toshiba: 000, 001, 002, 003, 004, 005, 006, 007, 020, 031, 056
 Uniden: 021, 028, 030, 032, 035, 039, 043, 045, 047, 058
 Zenith: 027

TV/VCR Combo

Action: 078
 GE: 059, 062
 Goldstar: 065
 Panasonic: 065
 Precision: 078
 Quasar: 065
 Realistic: 079
 Sony: 074
 Toshiba: 057
 Zenith: 065

DVD/VCR Combo

Go Video:
 DVD=087, VCR=081
 JVC:
 DVD=088, VCR=082
 RCA:
 DVD=089, VCR=083
 Samsung:
 DVD=090, VCR=084
 Sanyo:
 DVD=091, VCR=085
 Zenith:
 DVD=092, VCR=086

DVD player

Aiwa: 006, 015
 Apex: 016, 017
 BOSE: 097
 Broksonic: 018
 Clarion: 019
 Classic: 020
 Daewoo: 021
 Denon: 022, 023, 024, 025
 Emerson: 026, 027
 Fisher: 028
 Funai: 027
 GE: 001, 029, 030
 Go Video: 087
 GPX: 031

Hitachi: 005, 032, 033, 034, 035
 JVC: 003, 007, 036, 042, 088
 Kenwood: 037
 Konka: 008, 009
 Magnavox: 004, 038
 Memorex: 039
 Mintek: 040
 NAD: 026
 Nakamichi: 041
 Norcent: 043
 Onkyo: 044
 Oritron: 058
 Panasonic: 010, 045, 046, 047, 048, 049, 050
 Philips: 004, 051
 Pioneer: 052, 053, 054, 055
 Proscan: 001, 056
 Qwestar: 057, 058
 RCA: 001, 002, 059, 089
 Sampo: 060
 Samsung: 061, 062, 086, 090
 Sansui: 073
 Sanyo: 063, 091
 Sharp: 064, 067
 Sherwood: 074
 Sony: 011, 012, 065, 066, 068, 069, 070
 Sylvania: 027
 Teac: 071
 Technics: 072
 Techwood: 075
 Toshiba: 000, 013, 076, 077, 078
 Yamaha: 079, 080, 081
 Zenith: 014, 082, 092

Portable DVD player

Aiwa: 093
 Audiovox: 094, 095
 Panasonic: 024, 096, 099
 RCA: 098

VCR

Admiral: 049
 Aiko: 019
 Aiwa: 018
 Akai: 003, 004, 037, 038, 039, 058, 069
 Audiovox: 010
 Bell & Howell: 007, 068
 Broksonic: 008, 017
 Calix: 010
 Carver: 026
 CCE: 019
 Citizen: 009, 010, 011, 012, 013, 014, 015, 019, 057, 073

Colortype: 005
 Craig: 009, 010, 016, 061, 065, 079
 Curtis Mathes: 001, 005, 009, 012, 014, 040, 048, 053, 056, 057
 Daewoo: 011, 013, 015, 017, 018, 019, 057, 078
 Daytron: 078
 Denon: 063
 Dimensia: 001, 048
 Electrohome: 010, 020, 065
 Emerson: 003, 008, 010, 011, 017, 018, 020, 028, 039, 054, 057, 062, 065, 068, 072
 Fisher: 007, 016, 021, 022, 023, 057, 064, 068, 070, 071, 079
 Fuji: 004, 041
 Funai: 018, 073
 Garrard: 018
 GE: 001, 002, 009, 040, 042, 048, 056
 Go Video: 056, 059, 061, 081
 Goldstar: 005, 010, 014, 054, 056, 065, 067
 Gradiente: 018, 065
 Harman Kardon: 005
 Hitachi: 024, 025, 035, 037, 042, 063, 070, 080
 JBL: 076
 JC Penney: 005, 006, 007, 008, 009, 010, 023, 024, 025, 026, 035, 056, 061, 063, 065
 Jensen: 024, 025, 037, 050
 JVC: 005, 006, 007, 014, 037, 043, 050, 062, 063, 068, 082
 Kenwood: 005, 006, 007, 012, 014, 037, 043, 050, 053, 068, 071
 Kodak: 010
 LG: 010
 Lloyds: 053, 073, 079
 Logik: 061
 LXI: 010
 Magnasonic: 061, 065, 078
 Magnavox: 026, 027, 034, 044, 057, 061, 072
 Marantz: 005, 006, 007, 012, 014, 026, 053, 067

Memorex: 007, 009, 010, 016, 018, 034, 049, 063, 065, 066, 068, 075, 079
 MGA: 020, 028, 039
 MGN: 056
 Minolta: 024, 025, 035, 063
 Mitsubishi: 020, 024, 025, 028, 039, 043, 065
 Montgomery Ward: 049
 Motorola: 049
 MTC: 009, 046, 061
 Multitech: 009, 012, 018
 NEC: 005, 006, 007, 012, 014, 037, 043, 053, 054, 067, 070
 Nikko: 010
 Noblex: 009
 Optimus: 010, 049, 065
 Optonica: 031
 Orion: 054, 057, 062, 065, 068, 072
 Panasonic: 036, 045, 046, 057, 061, 072, 079
 Pentax: 012, 024, 025, 035, 042, 053, 063
 Pentax Research: 014
 Philco: 026, 027, 063
 Philips: 026, 031, 044, 057
 Pioneer: 006, 024, 043, 055
 Portland: 012, 013, 015
 Proscan: 001, 002, 048
 Proton: 061
 Quasar: 045
 Radio Shack: 010, 031, 065
 Radio Shack/Realistic: 007, 009, 010, 016, 018, 020, 021, 022, 031, 049
 Radix: 010
 RCA: 001, 002, 003, 009, 024, 025, 029, 035, 040, 042, 045, 048, 055, 056, 063, 071, 083
 Realistic: 007, 009, 010, 011, 016, 018, 020, 021, 022, 031, 049, 051, 056, 060, 065, 075, 079
 Ricoh: 047
 Runco: 034
 Samsung: 009, 011, 038, 056, 073, 084
 Sansui: 006, 037, 043, 061

Sanyo: 007, 009, 016, 054, 064, 068, 071, 075, 079, 085
 Scott: 008, 011, 017, 028, 030, 057, 065, 072
 Sears: 007, 010, 016, 021, 022, 023, 024, 025, 035, 053, 057, 063, 064, 065, 068, 071, 075, 079
 Sharp: 013, 020, 031, 049, 051, 060, 066
 Shintom: 004, 025, 032, 061
 Signature: 049
 Signature 2000: 075
 Singer: 047, 061
 Sony: 004, 032, 033, 041, 052, 058, 070, 074, 076, 077, 080
 STS: 035
 Sylvania: 018, 026, 027, 028, 044, 072
 Symphonic: 018, 050, 051, 053, 073, 079
 Tandy: 007
 Tashiko: 010
 Tatung: 037
 Teac: 018, 029, 037
 Technics: 036
 Teknika: 010, 018, 065
 Toshiba: 000, 011, 021, 023, 024, 028, 030, 039, 057, 074, 078, 079
 Totevision: 009, 010, 065
 Unitec: 073
 Unitech: 009
 Vector Research: 005, 006, 011, 012, 053
 Video Concepts: 005, 006, 011, 012, 039, 053
 Wards: 009, 010, 011, 016, 018, 020, 024, 025, 031, 035, 049, 051, 056, 057, 060, 065, 066, 079
 White Westinghouse: 073
 XR-1000: 018
 Yamaha: 005, 006, 007, 014, 037, 053
 Zenith: 004, 032, 034, 041, 047, 069, 086

HTIB

Lasonic: 083
 Panasonic: 084
 Venturer: 085

Using the remote control to operate your other devices

If you have a non-Toshiba device or a Toshiba device that the remote control is not preprogrammed to operate, you must first program the remote control to recognize the device (if you have not already done so). See pages 16 and 17.

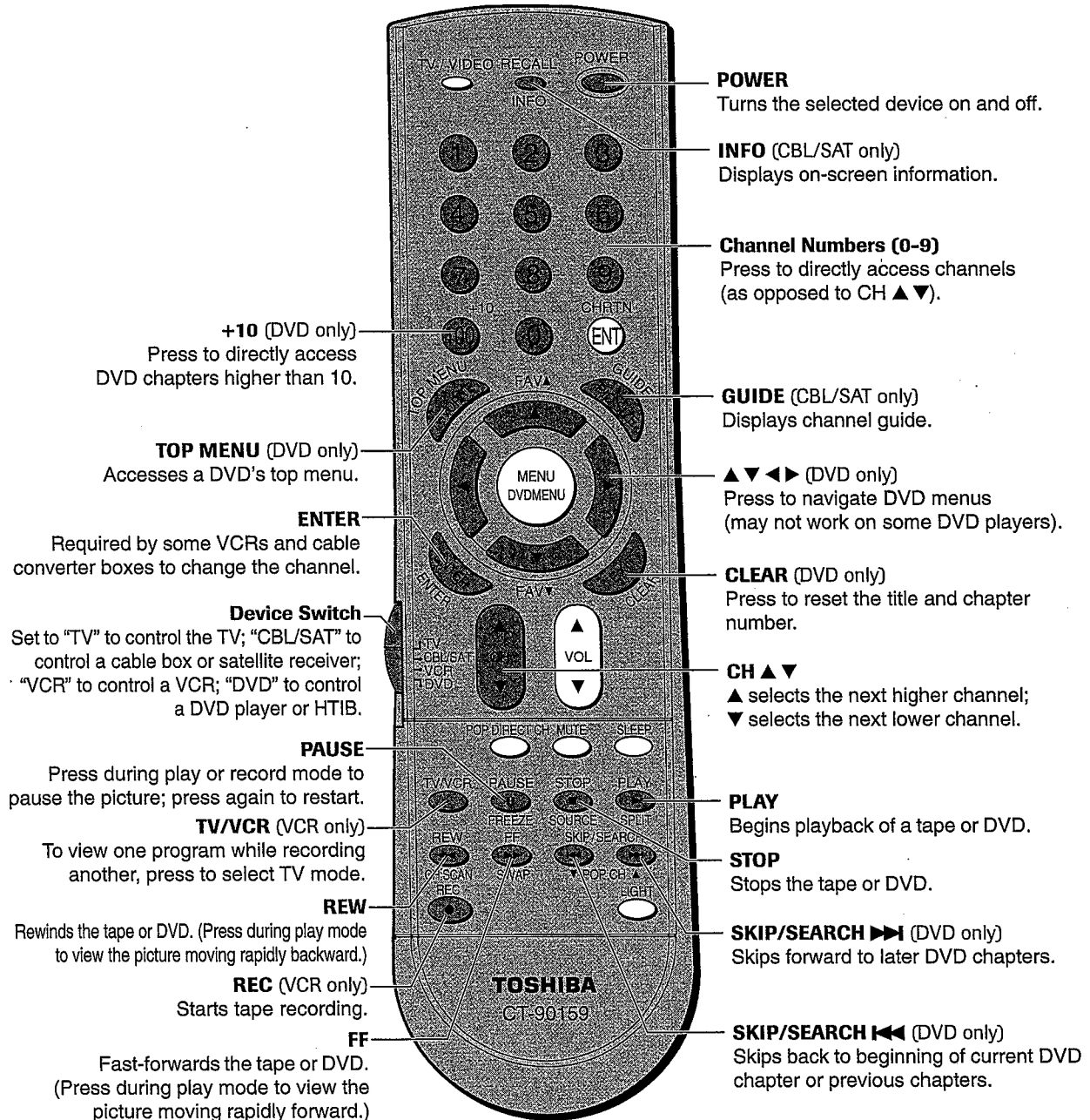
To use your TV remote control to operate a:

- cable box or satellite receiver, set the **Device Switch** to **CBL/SAT**.
- VCR, set the **Device Switch** to **VCR**.
- DVD player or HTIB, set the **Device Switch** to **DVD**.

Note:

Even after the TV remote control is programmed, it may not operate certain features on your other device. If this happens and you wish to use those features, you will need to use the device's original remote control.

Point the remote control directly at the device.



Learning about the remote control

The buttons used for operating the TV only are described here.

POWER turns the TV on and off

RECALL displays screen information (page 52)

SLEEP sets the TV to turn off at a specific time (page 46)

TV/VIDEO selects video input source (page 44)

MUTE mutes the sound (page 48)

Device Switch switches between TV, CLB/SAT, VCR, and DVD (Pages 16-18)
Set to "TV" to control the TV.

CH (channel) ▲ ▼ cycles through programmed channels (page 24)

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

VOL (volume) ▲ ▼ adjusts the volume level

CH RTN returns to the memorized channel (page 25)

MENU allows access to on-screen programming menus (page 20)

ENTER sets programmed menu information (page 20)

▲ ▼ ◀ ▶ select or adjust programming menus (page 20)

POP CH ▲ ▼ selects the POP (picture-out-picture) channel (page 31)

FAV ▲ ▼ cycles through favorite channels (page 26)

FAVORITE allows access to the favorite channel search function (page 34)

PIC SIZE cycles through the three picture sizes: Normal, Compression, and Zoom (page 28)

EXIT exits programming menus (page 20)

SPLIT turns the POP feature on and off (page 31)

SOURCE selects the POP picture source (page 31)

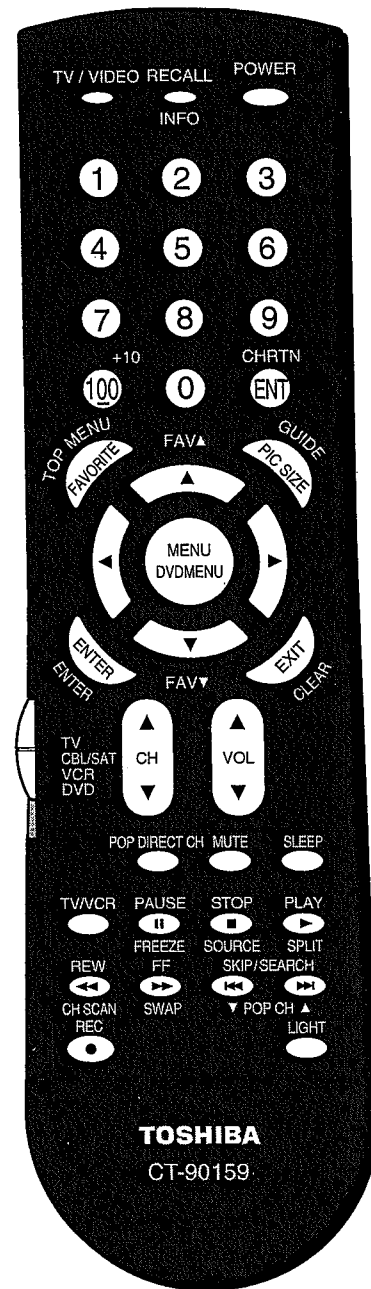
FREEZE freezes the POP picture (page 32)

SWAP switches the main and POP pictures (page 32)

POP DIRECT CH allows direct access to POP channels (page 31)

CH SCAN allows access to the programmed channel search function (page 33)

LIGHT illuminates the keypad for five seconds



Note:

The error message "Not Available" will appear if you press a key for a function that is not available.