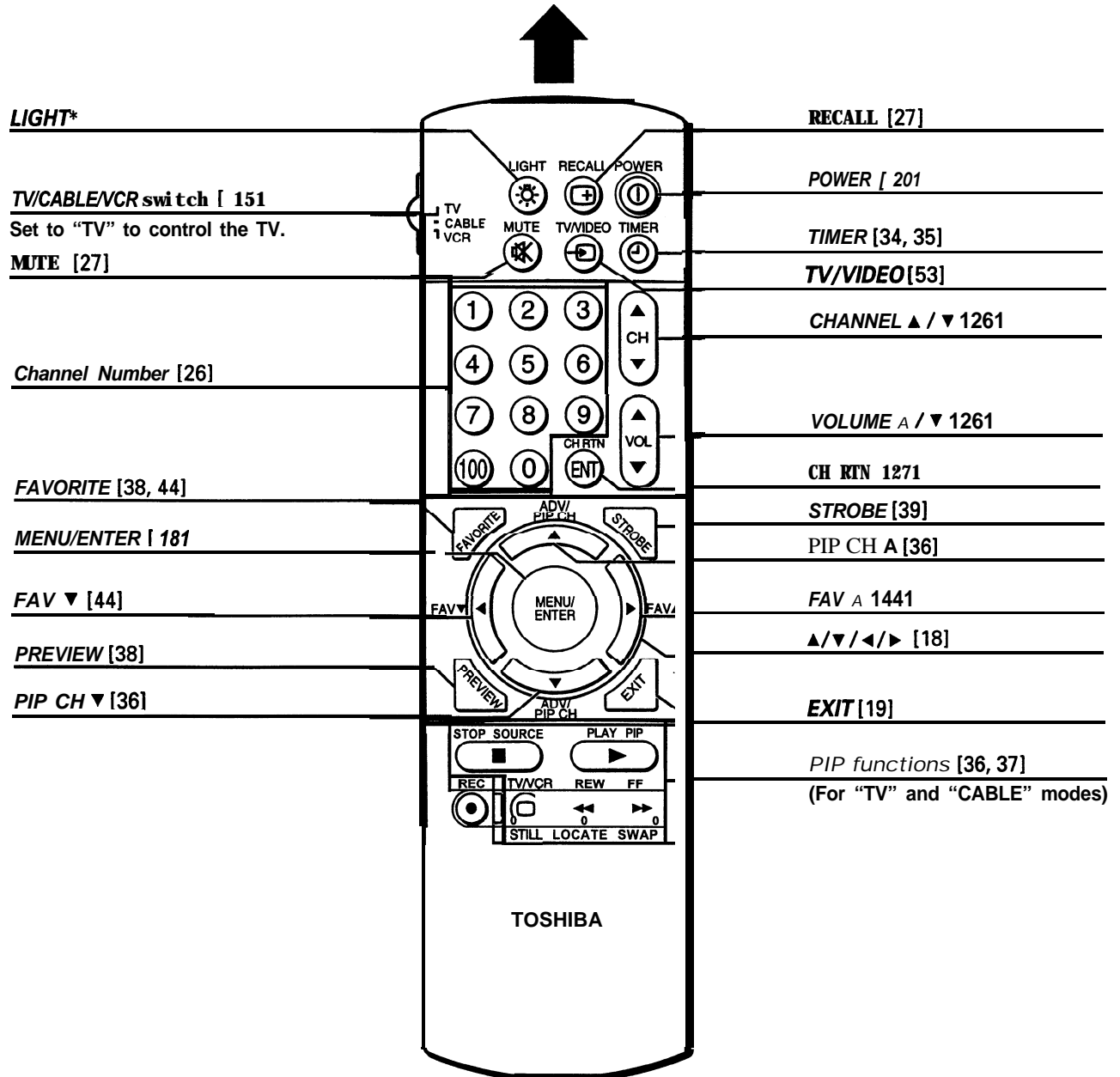


Location of Controls (continued)

Only the buttons used to operate the TV are described here.
 For details on the use of each control, refer to the pages in brackets.

Aim at the remote sensor on the TV



*You can light up these buttons by pushing LIGHT.

Before Using the Remote Control

Introduction and battery installation

With this Remote Control, you can operate your TV and most VCR and cable box models regardless of the manufacturer. However, this Remote Control must first be programmed to control other VCR and cable box brands. See page 15.

If you have a TOSHIBA VCR, your Remote Control has already been programmed for you.

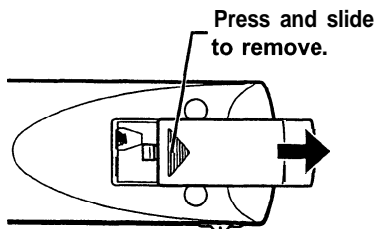
Before attempting to operate your Remote Control, install the batteries according to "To install the batteries" below.

Notes:

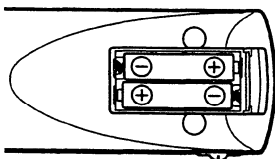
- After installing new batteries, the Remote Control will set itself to the codes for TOSHIBA TVs and VCRs. If you are using the Remote Control to operate other manufacturer's equipment, you will have to reprogram those codes.
- This Remote Control may have functions not available on your VCR and cable box remote controllers. These functions may or may not operate your VCR or cable box. Refer to the owner's manuals supplied with the equipment to see which functions are available.
- The remote controller supplied with your VCR or cable box may have keys not duplicated on this Remote Control. If you want to use these functions, please use the original remote controller.

To install the batteries

- 1 Place the Remote Control face down and remove the battery cover.



- 2 Insert two "AA" size alkaline batteries, matching the + and - signs on each battery with the + and - signs in the battery compartment.



- 3 Slide the battery cover shut until the lock clicks.

CAUTIONS

- Do not throw your batteries into a fire. Dispose of your batteries in a designated disposal area.
- Do not combine used batteries with new ones.
- Do not mix battery types.

Tips for best operation

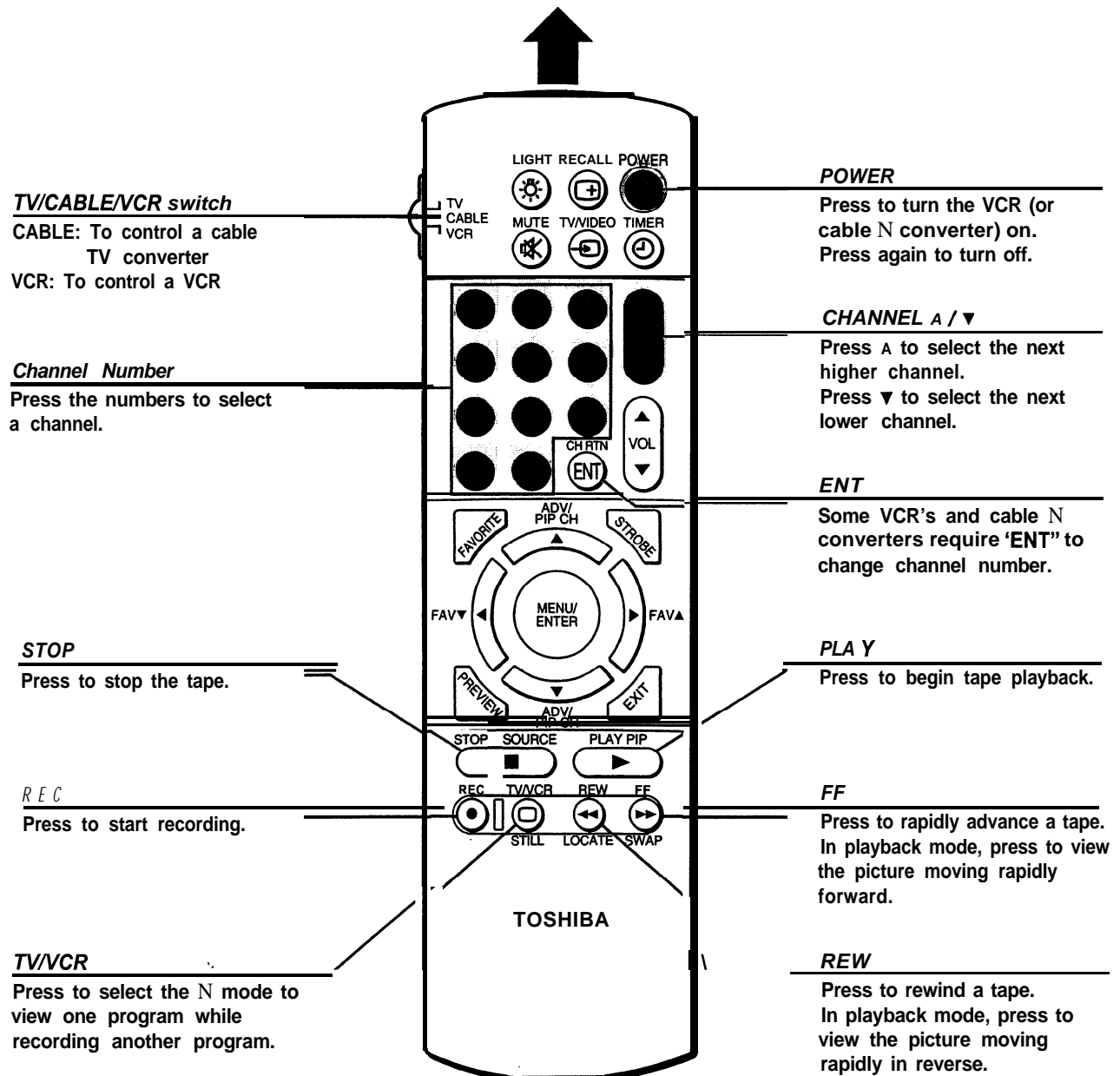
- For optimum performance, aim the Remote Control directly at the TV from a distance within 16 feet (5 m), and be sure there is no obstruction between the Remote Control and the TV.
- If your Remote Control does not always operate the TV as you wish, you probably need to replace the batteries. Use alkaline batteries for longer use.
- If the Remote Control will not be used for a long period of time or when the batteries are worn out, remove the batteries to prevent leakage.
- Do not drop, dampen or disassemble the Remote Control.

Using the Remote with VCR or Cable TV Converter

VCR and CABLE function buttons

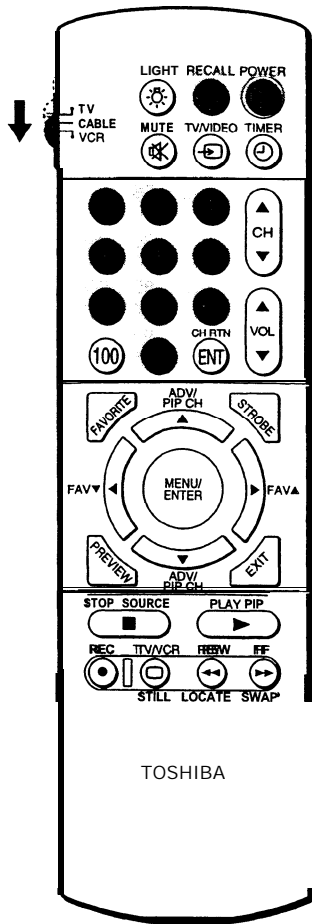
- To control a TOSHIBA VCR, first set the TV/CABLE/VCR switch to "VCR." The buttons shown below will then control the VCR. The rest of the buttons operate the TV as usual.
- If you have another brand of VCR, you can probably program the Remote Control to control it. Details are on page 15.
- To control a cable TV converter, this Remote Control must be programmed to recognize the brand of your converter. See page 15. The shaded buttons can be used to control the cable TV converter. Set the TV/CABLE/VCR switch to "CABLE" whenever you want to control the cable TV converter.

Aim at the VCR or cable TV converter



Programming the Remote Control

To program the Remote Control



- This Remote Control is programmed to operate TOSHIBA VCRs.
- To operate VCRs (or Cable converters) other than TOSHIBA models, perform the following procedures before operating.

Refer to the “VCR code table” (or “Cable n/converter code table?” on pages 16 and 17 to find the code number that corresponds to the brand name of your VCR (or your converter).

If more than one number is listed, try each one separately until you find the one that works.

- 2 Set the TV/CABLE/VCR switch to “VCR” (or “CABLE”).
- 3 While holding down RECALL, press the Number buttons to enter the three digit code number for your brand of VCR (or converter).
- 4 Point the Remote Control at the VCR (or at the converter) and press POWER to test the code number.
 - If the number is correct, the VCR should turn on.
 - If the VCR does not respond to the Remote Control, repeat steps 1 through 4 with another code number.

- 5 Reset the W/CABLE/VCR switch to “TV” to control the TV.

Notes:

- Some newer VCRs are capable of working on either of two remote codes. These VCRs have a switch labeled “VCR 1/VCR 2.” If your VCR has this kind of switch, and does not respond to any of the code numbers for your VCR brand name, set the switch to the other position (“VCR 1” or “VCR 2”) and reprogram the Remote Control.
- In some rare cases, you may not be able to operate your non-TOSHIBA equipment with the supplied Remote Control. This is because your equipment may use a code that is not provided with this Remote Control. In this case, please use the equipment’s own remote control.

For future reference, write the code number you set.

VCR CODE:

CABLE CODE:

Note:

You have to reprogram the Remote Control when you change its batteries.

Programming the Remote Control

(continued)

The code numbers listed below were the most recent ones available at the time of printing. New code numbers may or may not have been added since printing.

VCR code table

BRAND NAME	CODE NUMBER	BRAND NAME	CODE NUMBER	BRAND NAME	CODE NUMBER
Adventura	019	Fisher	066, 073, 085, 123	MGN Technology...	259
Aiko	297	Fuji	052, 054	Minotta	061, 124
Aiwa	019	Funai	019, 344	Mitsubishi	062, 080, 086, 094,
Akai	060, 068, 080, 125,	Garrard	019, 344		192, 233, 261
	261	GE	054, 079, 084, 221	Motorola	054, 067
American High	054	Go Video	251, 298	MTC	019, 259
Asha	259	Goldstar	037, 056, 057	Multitech	019, 091
Aud iovox	056	Gradiente	019	Nad	077
Beaumarck	259	Harley Davidson	019	Nec	057, 059, 060, 069,
Bell & Howell	123	Harman/Kardon	057, 094		086
Brandt	206	Harwood	087, 091	Nikko	056
Broksonic..	140, 203, 230, 314,	Headquarter	065	Noblex	259
	380	HI-Q	066	Olympus	054
Calix	056	Hitachi	060, 061, 084,	Optimus	056, 067, 077, 123
Canon	054		124, 254	Optonica	081
Caphart	039	Jensen	060	Orion	498
Carver	100	JVC	027, 060, 086	Panasonic	054, 096, 181,
CCE	091, 297	Kenwood	057, 060, 086		244
Citizen	056, 297	KLH	091	Penney	054, 056, 057, 059,
Colt	091	Kodak	054, 056		061, 073, 259
Craig	056, 066, 091, 259	Lloyd	019	Pentax	061, 084, 124
Curtis Mathes	054, 060, 079	Lloyd's	227	Ph ilco	054
Cybernex	259	Logik	091	Philips..	054, 081, 100, 129
Daewoo	039, 064, 297	LXI	056	Pilot	056
Daytron	039	Magnavox	054, 058, 100,	Pioneer	0 n , 086
Dynatech	019		129, 168	Portland	039
Electrohome	056	Magnin	259	Protec	091
Electroponic	056	Marantz	054, 100	Pulsar	058
Emerex	051	Marta	056	Quarter	065
Emerson	019, 021, 056, 062,	Masushita	054	Quartz	065
	080, 087, 140, 203,	MEI	054	Quasar	054, 096
	227, 228, 230, 231,	Memorex	019, 054, 056, 058,	Radio Shack	019, 056, 344
	297, 313, 314, 380,		065, 066, 067, 123,	Radix	056
	498		259	Randex	056
		MGA	062, 080	RCA	061, 079, 084,
					096, 124, 125,
					168, 221
				Realistic	019, 054, 056, 065,
					066, 067, 081, 085,
					123, 259
				Ricoh	053
				Runco	058

Cable TV converter code table

BRAND NAME	CODE NUMBER
Sansung .....	.064, 259
Sanky	058, 067
Sansui	060, 086
Sanyo	065,066, 123, 259
Scott	062, 064, 140, 203, 229, 230, 231
Sears .....	.054, 056, 061, 065, 066, 073, 085, 123, 124
Sharp .....	.067, 081
Shintom .....	.091
Shogun .....	.259
Singer .....	.091
Sony	051, 052, 053, 054
STS .....	.061
Sylvania .....	.019, 054, 062, 100, 129
Symphonic.. ..	.019, 344
Tatung .....	.060
Teac .....	.019,060
Technics .....	.054, 181
Teknika .....	.019, 054, 056, 071
Telefunken	060, 206
TMK	227, 259
Toshiba .....	.062, 064, 085, 229, 231, 385
Totevision	056, 259
Unitech	259
Vector .....	.064
Vector research	057, 059
Video Concepts .....	.059, 064, 080
Videosonic	259
Wards .....	.019, 054, 061, 066, 067, 081, 091, 168, 231,259
XR-1000	019, 054, 091
Yamaha	057
Zenith	052, 053, 058

BRAND NAME	CODE NUMBER
ABC	020, 022, 026, 027, 030,032, 033,036, 066
Antronix .....	.041
Archer.. ..	.041, 058, 172
Belcor .....	.075
Cable Star	075
Ca bleten na .....	.041
Cableview .....	.041
Century.. ..	.172
Citizen .....	.172
Colour Voice	044, 050
Comtronics .....	.059, 079
Contec	038
Dae Ryung	027
Eastern .....	.021
Focus .....	.419
Garrard .....	.172
GC Electronics .....	.035, 075
Gemini	034, 089
General Instrument	030, 295
GoldStar .....	.059,163
Hamlin	028, 039, 053, 278, 292
Hitachi .....	.030
Hytex .....	.026
Jasco .....	.172
Jerrold	022, 030, 031, 033, 034, 043, 066, 295
Macom .....	.052
Magnavox .....	.046
Memorex .....	.019
Movie Time .....	.175
NSC	089,175
Oak	026, 038, 267
Panasonic.. ..	019, 040, 126
Paragon .....	.019
Philips.. ..	.044, 046, 047, 048, 049,050, 172
Pioneer	042, 163,552
Popular Mechanics	419
Pulsar .....	.019
RCA	040
Recoton	419
Regal	039, 278, 292
Regency .....	.021.
Rembrandt	030, 089
Runco .....	.019
Samsung	059, 163
Scientific Atlanta	025,027,036,29 6
Signal .....	.034,059
Signature .....	.....030
SL Marx .....	.059
Sprucer .....	.040
Standard Components .....	.174
Starcom	022, 034, 066
Stargate .....	.034,059
Starquest	034

BRAND NAME	CODE NUMBER
Sylvania	020
Teleview .....	.059
Texscan	020
Tocom	031, 032, 078
Toshiba	019
Tusa .....	.034
Unika .....	.041, 172
United Artists	026
United Cable	022
Universal .....	.041, 058, 075, 096, 172,210
Viewstar .....	.046, 079, 230
Zenith .....	.019
Zentek.. ..	.419