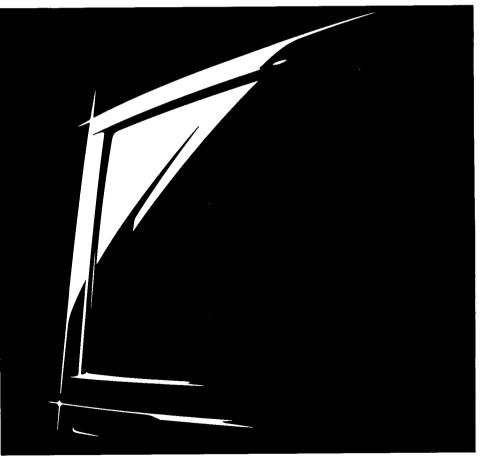
TOSHIBA

Color Television OWNER'S MANUAL

CE20E10



REFERENCE

ADVANCED OPERATION

SET UP

PREPARATION

BASIC OPERATION



Dear Customer

Congratulations! You have purchased one of the finest Color TV's on the market!

This manual will help you use the many exciting and useful features to make your TV viewing more enjoyable than ever before.

Before operating your TV set, please read all these safety and operating instructions completely and then retain for future reference.

Customer's Record

You will find the model number and serial number on the back of your TV set.

Record these numbers in the spaces provided below. Refer to them whenever you call upon your TOSHIBA dealer regarding this product.

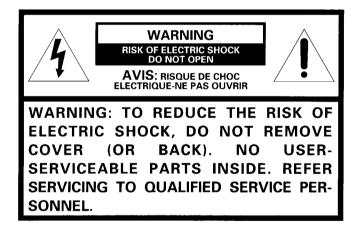
Model Number

Serial Number

Safety Precautions

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.





The lightning symbol in the triangle tells you that the voltage inside this product may be strong enough to cause an electric shock. DO NOT TRY TO SERVICE THIS PRODUCT YOURSELF.



The exclamation point in the triangle tells you that important operating and maintenance instructions follow this symbol.

CAUTIONS:

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLET UNLESS THE PRONGS CAN BE FULLY INSERTED INTO THE OUTLET TO PREVENT ANY EXPOSURE OF THE PRONGS ON THE POLARIZED PLUG.

ATTENTION:

POUR PRÉVENIR LES CHOCS ÉLECTRIQUES, NE PAS UTILISER CETTE FICHE POLARISÉE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ÊTRE INSÉRÉS À FOND SANS EN LAISSER AUCUNE PARTIE À DÉCOUVERT.

Avoid displaying stationary images on your TV screen for extended periods of time. Stationary patterns generated by computer displays, video games, stock market reports, etc. can become permanently engrained on the picture tube. This damage is not protected by your warranty as it is the result of misuse. Should you wish to use your TOSHIBA Television to display still images, it is always advisable to reduce brightness and contrast settings. Never leave a computer or video game display unattended.

NOTE TO CATV SYSTEM INSTALLER IN THE USA:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

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Installing Your TV Set

Where to install

Place the TV on the floor or on a sturdy platform. The mounting surface should be flat and steady.

Lighting

Do not place the TV in a room where direct lighting strikes the screen. Use soft and indirect lighting.

Air circulation

Place the TV far enough from the walls to allow proper ventilation. This will prevent the TV from overheating and avoid possible damage to the TV. Avoid dusty places too.

Power supply

Plug into an electrical outlet with standard household power (120 volt AC, 60Hz). Do not change the plug's safety prong. See the right column.

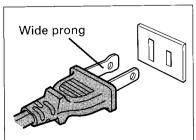
WARNING : TO AVOID PERSONAL INJURY

- Do not stand or climb on the TV.
- Do not put a VCR or any heavy object on top of the TV.

CAUTION :

As a safety feature, the plug has one prong wider than the other. It will fit only one way into a standard electrical outlet. If the plug will not fit into the outlet, try turning it around. If the plug will not fit either way, the outlet is probably old and nonstandard.

You will need to have a new outlet installed by an electrician. DO NOT CHANGE THE SAFETY FEATURE OF THE PLUG.



SET UP

You can use either an indoor or outdoor antenna to receive VHF and/or UHF channels.

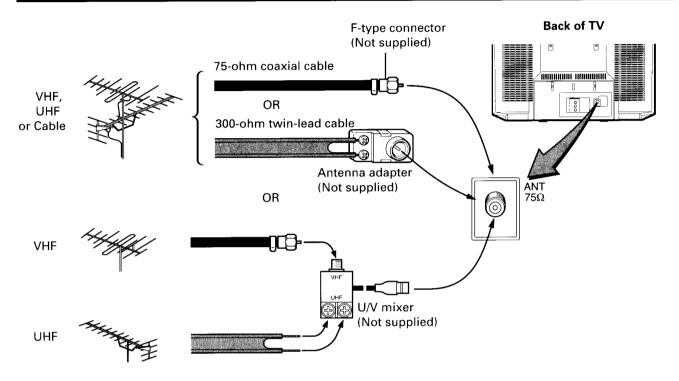
Channels 2 - 13 are VHF channels, and channels 14 - 69 are UHF channels.

We recommend using an outdoor antenna for better picture quality.

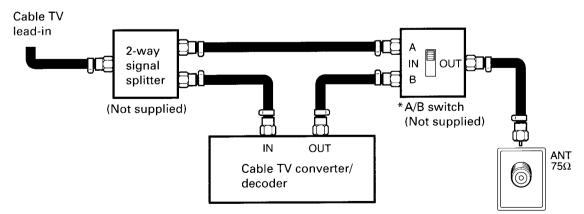
You can receive Cable TV by connecting a cable supplied by your local cable company.

Cable TV delivers both VHF and UHF channels and other channels not available from your antenna.

Connecting an antenna or Cable without a decoder box



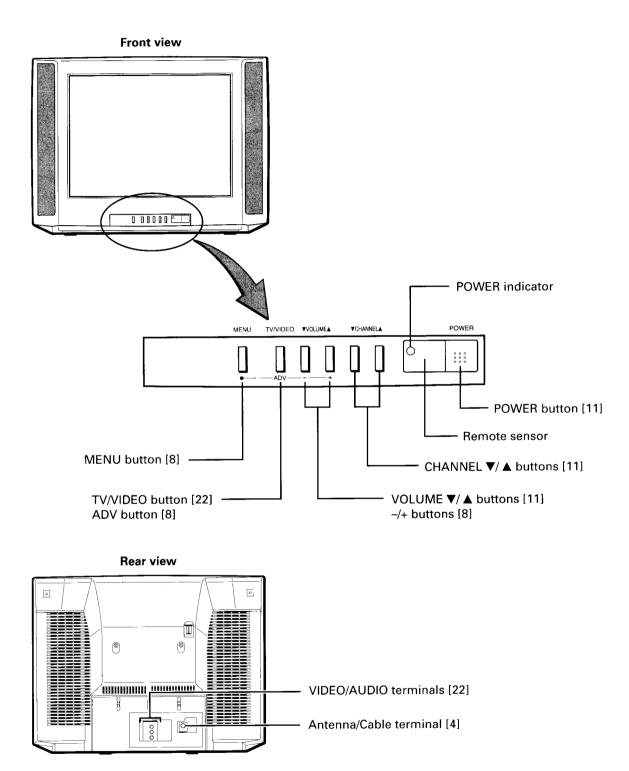
Connecting a Cable with a decoder box



Notes:

- * "A" position on the A/B switch allows you to select unscrambled channels using the TV's channel keys.
- "B" position allows you to select scrambled channels via the converter/decoder box using the converter's channel keys. Place your TV on channel 3 or 4 to match the converter's output channel.
- If you use a VCR, connect its antenna in/out between the decoder box and A/B switch.

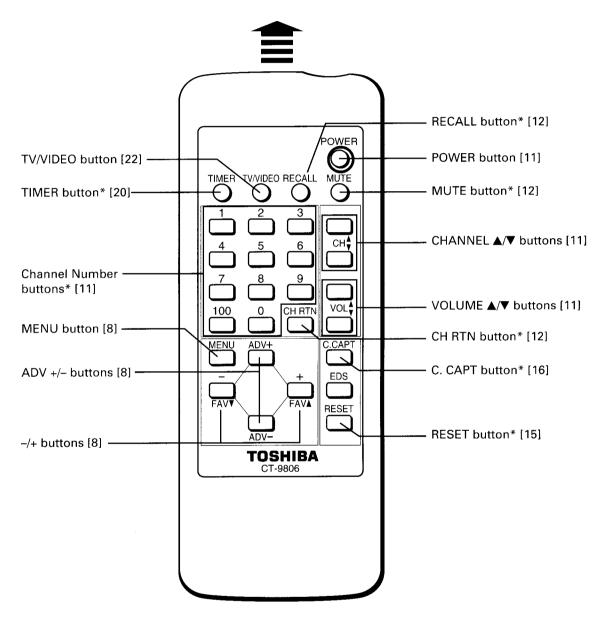
For specific use of each control, consult the corresponding page numbers in brackets.



SET UP

PREPARATION

For details on the use of each control, refer to pages in brackets.



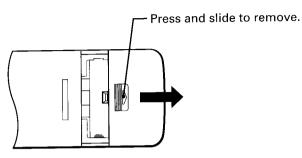
Aim at the remote sensor on the TV.

Note: The EDS and FAV buttons are not available for this model.

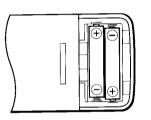
*These functions do not have duplicate locations on the TV set. They can be controlled only with the Remote Control.

Installing and replacing batteries

1 Place the Remote Control with the face down. Press down on the ridged area of the battery cover and slide it off.



2 Place two "AA" size batteries, matching the + and signs on each battery to the + and - signs of the battery compartment.



3 Replace the battery cover until the lock snaps.

CAUTION:

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

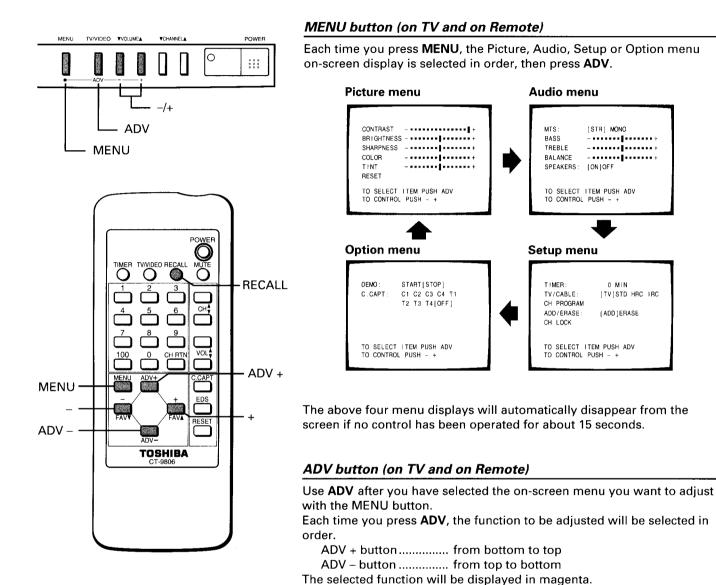
Tips for Best Operation

- For optimum performance, aim the Remote Control directly at the TV from a distance of no more than 16 ft (5m) and be sure there is no obstruction between the Remote Control and the TV.
- If your Remote Control does not always adjust the TV as you wish, you probably need to replace the batteries. The life expectancy of the battery is about 1 year.
- Remove dead batteries immediately to prevent battery acid from leaking into the battery compartment.
- If you do not intend to use the Remote Control for a long period, remove the batteries.
- Do not drop, take apart or get your Remote Control wet.

Menu Function (General Instructions)

We suggest you familiarize yourself with the procedure before using the Menu function.

To adjust any TV feature, the use of the Menu function is required. The adjustments that can be made to the TV appear on the screen.



Notes:

- The ADV button on the TV will function as the TV/VIDEO button when no menu display is on the screen.
- The -/+ buttons on the TV will function as the VOLUME ▼/▲ buttons when no menu display is on the screen.

– /+ buttons (on TV and on Remote)

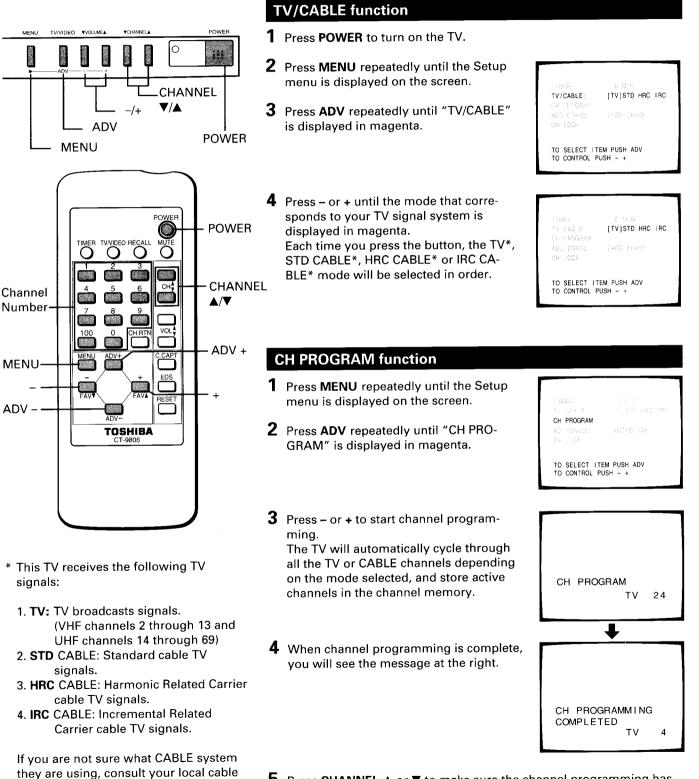
Use – /+ to adjust the function you have selected with the **ADV** button.

RECALL button (on Remote)

The above four menu displays will automatically disappear from the screen if no control has been operated for about 15 seconds. If you want to clear the screen of all on-screen displays instantly, press **RECALL**.

company.

The channel memory is the list of TV channel numbers your TV will stop on when you press the CHANNEL ▲ or ▼ button. First, use the TV/CABLE and CH PROGRAM functions to preset all active channels in your area. If necessary, arrange the preset channels with the ADD/ERASE function so that you can tune into only desired channels.

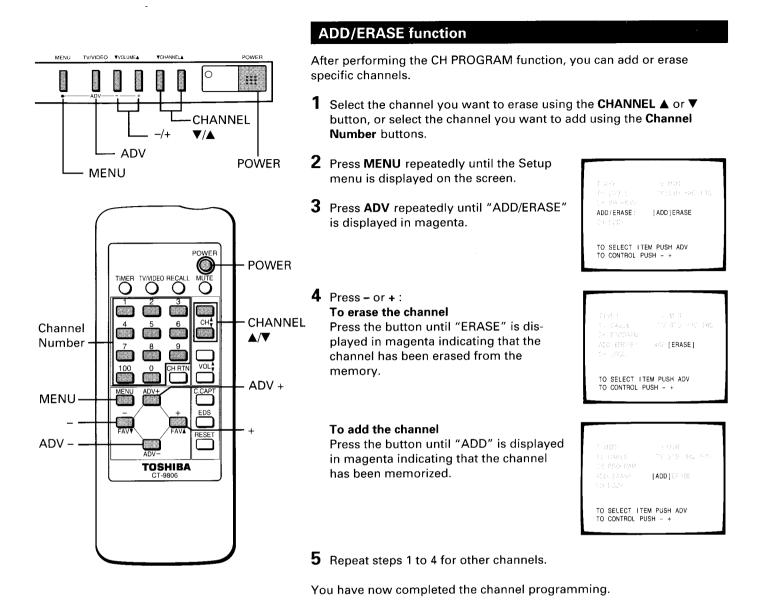


5 Press CHANNEL ▲ or ▼ to make sure the channel programming has been done properly.

PREPARATION

Menu Function (General Instructions)/ Programming Channel Memory

Programming Channel Memory (Continued)

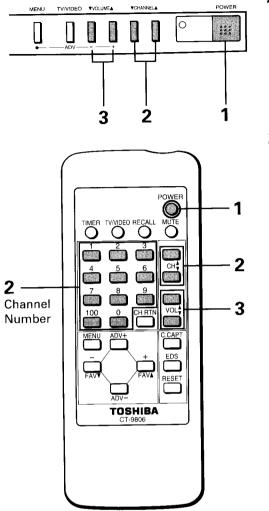


CABLE channel reference chart

Number on this TV	1	5	6	14	15	16		34	35	36	37	38…		··· 60	61	62	63	64	65	66
Correspond- ing CABLE channel	A-8	5(A-7)	6(A-6)	А	В	С …		U	v	w	AA	BB		XX	YY	ZZ	ΑΑΑ	BBB	65	66
Number on this TV	67	68	69…		•92	93	94	95	96	97	98	99	100	101	102 -		-123	124	125	
Correspond- ing CABLE channel	67	68	69		·92	93	94	A-5	A-4	A-3	A-2	A-1	100	101	102		··· 123	124	125	

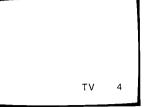
The above chart is typical of many cable system channel allocations. If in doubt, consult your cable company.

Watching TV Programs



1 Press POWER to turn on the TV.

To turn off the TV, press POWER again.



 2 Select a channel in one of the following two ways.
 • To scan the memorized channels in numerical sequence Press CHANNEL ▲ to select the next higher channel. Press CHANNEL ▼ to select the next lower channel. Press the button again to select the next memorized channels.

To select a channel directly

Press the **Channel Number** buttons (0-9 and 100). To select channel 4, press "4" (or press "0", "4"). To select channel 38, press "3", "8". To select channel 125, press "100", "2", "5" in sequence.

If you cannot select certain channels, either TV (off the air) or CABLE channels

Check if the TV/CABLE function is properly set. See page 9.

Press VOLUME ▲/▼ to adjust the volume.
 To increase the volume, press ▲.
 To decrease the volume, press ▼.



Watching Video Input

The TV/VIDEO button is used to view the signals coming from other devices like VCR's or Laserdisk Players connected to this TV. Details are on page 22.

Auto-Power-Off

If a vacant channel is tuned or TV broadcast for a day is finished, the TV will automatically turn off after about 15 minutes. This feature does not operate in the VIDEO mode.

Last Mode Memory

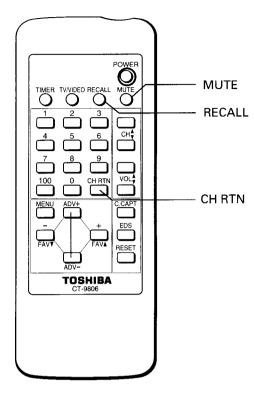
If the power is cut off while you are viewing the TV and the power is resupplied, the TV is turned on automatically by the *Last Mode Memory* feature. If the power is going to be off or when you leave home for a long time, remove the power plug from the wall outlet to prevent the TV from turning on in your absence.

Note:

The VOLUME $\bigvee \land \triangle$ buttons on the TV function as the -/+ buttons while any of the menu displays (Picture, Audio, Setup or Option) are on the screen.

PREPARATION

BASIC OPERATION



To display on-screen information

Press **RECALL** to display the following onscreen information.

- Channel number
- VIDEO mode selected
- Stereo status
- Closed Caption or Text program status

To mute the sound

Press **MUTE** to mute the sound. The word "MUTE" will be displayed on the screen as shown. This is useful during telephone calls or other interruptions. To restore the sound, press **MUTE** again.

Note: When the MUTE button is pressed, the Closed-Captioned feature is activated. ("MUTE" on the screen display will disappear.) To deactivate, press the MUTE button again. (This feature only functions when the Closed Caption mode is set to "OFF".)



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STEREO

CAPTION

TEXT

To change quickly between two channels

Press CH RTN to return to the last channel viewed.

This is useful should you want to view two channels. This allows you to view two programs without entering an actual channel number each time.

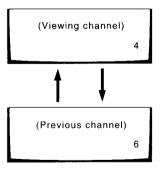
To operate this function

- **1** Select the first channel you want to view.
- **2** Select the other channel with the Channel Number buttons.

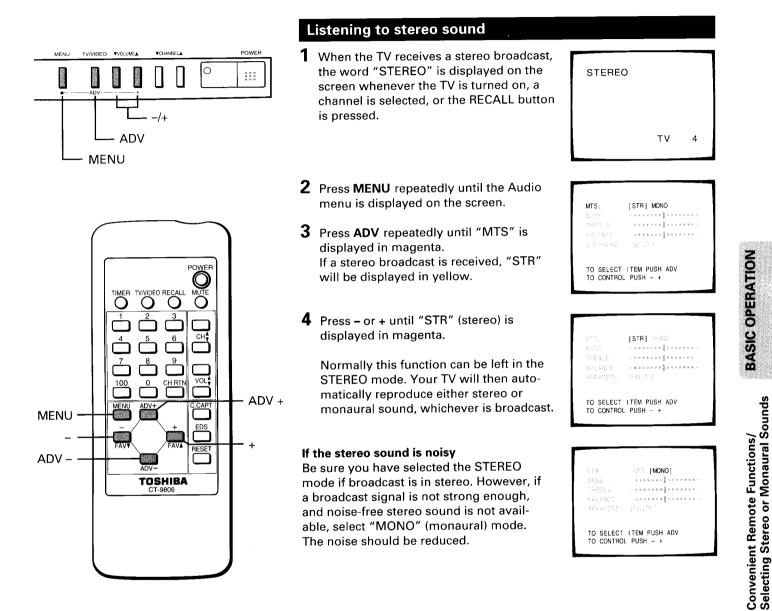
3 Press CH RTN.

The previous channel will return.

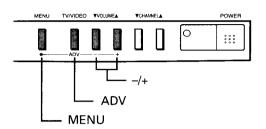
Each time you press **CH RTN**, the TV will switch back and forth between the two channels.



The MTS (Multi-channel TV Sound) feature allows you to improve your TV viewing with high fidelity stereo sound. This TV also allows you to activate or deactivate the stereo sound effect.



You can adjust the picture quality (CONTRAST, BRIGHTNESS, SHARPNESS, COLOR and TINT) to suit your taste.



Adjusting the picture quality

- **1** Press **MENU** repeatedly until the Picture menu is displayed on the screen.
- 2 Press ADV repeatedly until the item you want to adjust is displayed in magenta.

CONTRAST	
BRIGHTNESS	
SHARPNESS	
COLOR	
TINT	· · · · · · · · · • • • • • • • • • • •
RESET	

TO CONTROL PUSH -

MENU HENU ADV + ADV -ADV **3** Press – or + to adjust the level.

Example: CONTRAST adjustment mode display

CONTRAST BRIGHTNESS	-															-
			,	,	,	,	,		200K				,		,	,
COLOR		,		,	,	,	,	,	ŝ	,	,	,		,	,	,
TENT		ł			٠	÷	×		ž	÷			•	•		,
RESET																

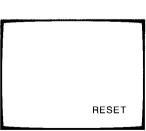
Selection	Pres	sing
CONTRAST	lower	higher
BRIGHTNESS	darker	lighter
SHARPNESS	softer	sharper
COLOR	paler	deeper
TINT	reddish	greenish

To reset the PICTURE adjustment to the factory-preset level (maximum CONTRAST and all other adjustments centered)

- **1** Press **MENU** repeatedly until the Picture menu is displayed on the screen.
- **2** Press **ADV** repeatedly until "RESET" is displayed in magenta.

100	VTRA	ST		٠	•	*	•	•	`	^	,	`	r.	•	•	ĥ	`	ł
38	GHT	NESS	ş	ł	¢	•		•	٠	•	ŧ	,	,	,	,	,	•	
SH)	ARPN	ESS						•			ł				·		•	
CO	. ÓR			,	,	,	•	•	•		ŧ	•	•	,	,	•	v	
τH	dî.		**			w				,	ŧ	,	,	,	,	,		
RE	SET																	
	ec:	ест	ιT	2	M		P	U	S			þ	0	Ņ	1			
10	- 12 ka ka																	

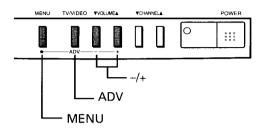
3 Press – or +.



Note: You can also use the RESET button on the Remote Control. (See page 17.)

۰.

You can adjust the sound quality (BASS, TREBLE and BALANCE) to suit your taste.



Adjusting the sound quality

- **1** Press **MENU** repeatedly until the Audio menu is displayed on the screen.
- 2 Press ADV repeatedly until the item you want to adjust is displayed in magenta.
- **3** Press or + to adjust the level.

Example: BASS adjustment mode display

(STR1 MONO

[ON]OFF

TO SELECT ITEM PUSH ADV TO CONTROL PUSH - +

••••••

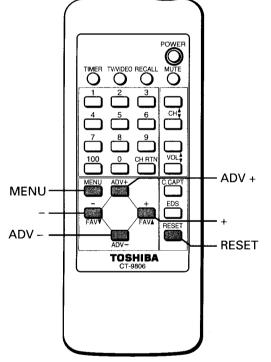
MTS:

BASS

TREBLE

BAL ANCE

SPEAKERS :

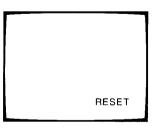


Selection	Pressing									
OSIDETIOIT		•								
BASS	weaker	stronger								
TREBLE	weaker	stronger								
BALANCE	decreases the right channel	decreases the left channel								
SPEAKERS	Select "ON" to activ speakers. Select "OFF" to dea speakers.									

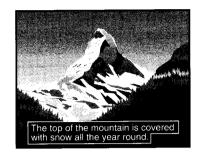
RESET button (on the Remote Control)

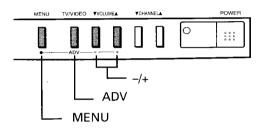
To reset the picture and audio adjustments to the factory-preset level (maximum CONTRAST and all other adjustments centered)

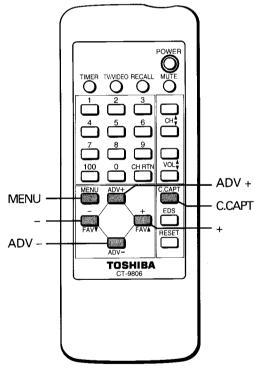
Press RESET.



Using Closed-Captioned Function







To view captions

Closed-captioning is a printed version of the dialogue, narration, and/or sound effects of a TV program.

Captions will appear at either the top or bottom of the screen during captioned broadcasts as shown.

Captioning is especially helpful for hearing impaired individuals.

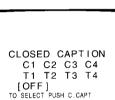
1 Select the desired program.

3

2 Press **RECALL** to check if the program is being captioned. If it is, the word "CAP-TION" is displayed on the screen. The captioned programs are usually notated on your local TV listings by its service marks such as "CC".



Press **C.CAPT** repeatedly until "C1", "C2", "C3" or "C4" is displayed in magenta. ("C1" stands for CAPTION 1, for example.) Select "C1" for translation of the primary language in your area. Select "C3" for captioning information usually of secondary languages. "C2" or "C4" carry Closed Captioning but not necessarily in the same time frame as



TV

4

CAPTION

You can also select this feature using the on-screen menu function.

1 Press **MENU** repeatedly until the Option menu is displayed on the screen.

the sound from the program.

- **2** Press **ADV** repeatedly until "C.CAPT" is displayed in magenta.
- 3 Press or + to select "C1", "C2", "C3" or "C4".



TO SELECT ITEM PUSH ADV TO CONTROL PUSH - +

Note:

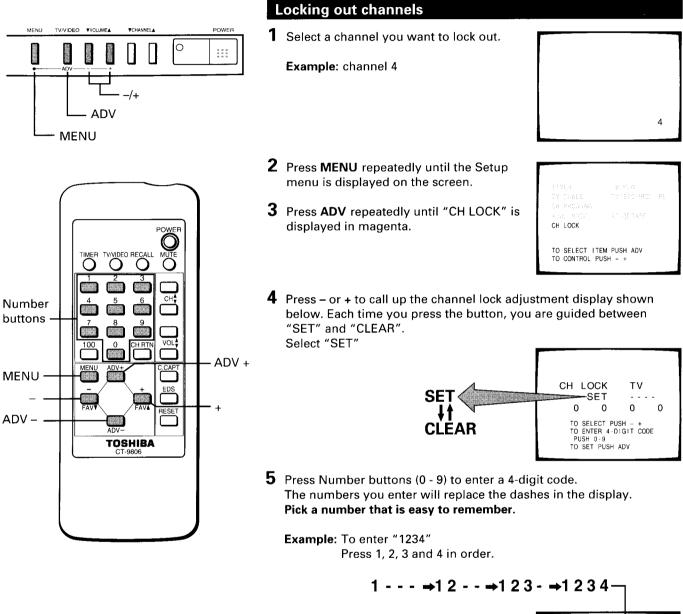
A closed-captioned signal may not be decoded in the following situations.

- When a video tape has been dubbed.
- When the signal reception is weak.
- When the signal reception is nonstandard.

To deactivate this feature

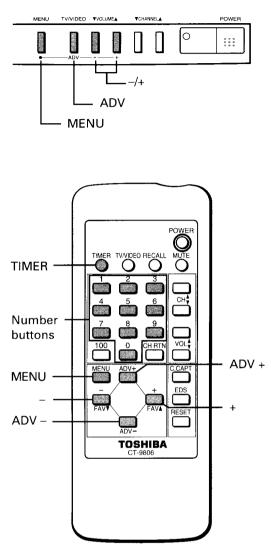
Select "OFF" in the closed caption mode display.

With this function you can lock out specific channels (for example a channel that you do not want your children to watch) by entering your own 4-digit code. The TV will not be able to tune them for the next 24 hours, unless you cancel the locked out channels. This TV has 4 memory spaces total for the TV mode and CABLE mode respectively.





Setting the Off-Timer (Sleep Timer)



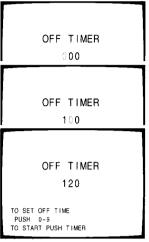
Setting the off-timer

With the off-timer, you can set the TV to turn off automatically after a pre-determined period of time (every 10 minutes, up to 180 minutes = 3 hours).

- **1** Press **TIMER** on the Remote Control to select the TIMER mode.
- 2 Press two **Number** buttons on the Remote Control to enter the length of time you want the TV to stay on after each number position starts to blink.

Example: 120 minutes Press 1 and 2.

3 Press **TIMER** to start the timer. The display color will change from magenta to cyan, and then the display will go off.



Note: To display the time remaining, press **TIMER**. The remaining time will be displayed on the screen. To erase the display, press **TIMER** again.

To cancel the setting

Press POWER twice, once to turn the TV off and once to turn it on again.

You can also set the off-timer using the on-screen menu function.

- 1 Press MENU repeatedly until the Setup menu is displayed on the screen.
- 2 Press ADV repeatedly until "TIMER" is displayed in magenta.

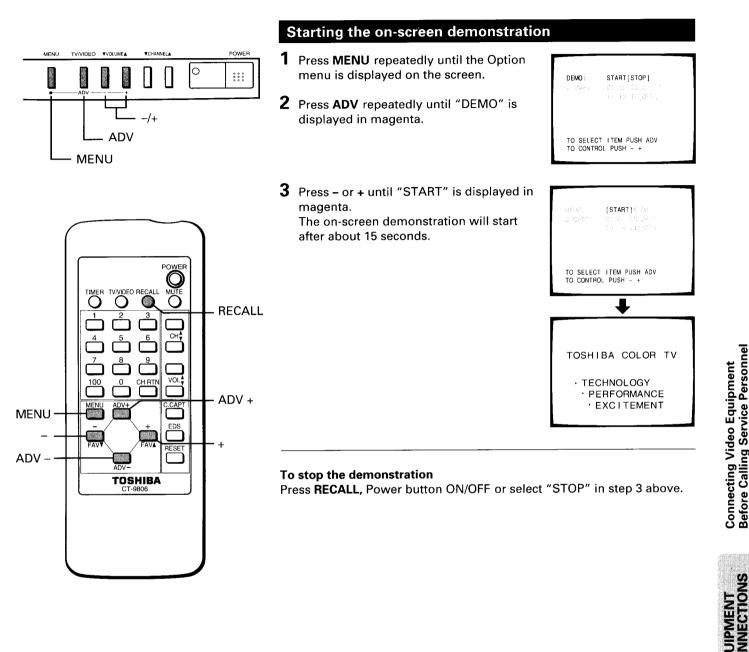


Press + or - to enter the length of time you want the TV to stay on.
 Each time you press the button, the time display will increase or decrease by 10 minutes.

0 → 10 -----> 170 → 180 MIN

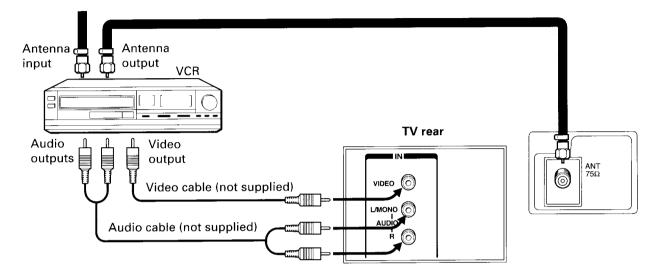


When this function is activated, your TV will automatically display a variety of its on-screen menus and special features. This function is provided for demonstration purpose only.



Connect VIDEO/AUDIO IN jacks on the rear of the TV to the video/audio output jacks of a VCR, Laserdisk player, etc. for playback of video material.

Antenna/Cable lead-in



Selecting video input source

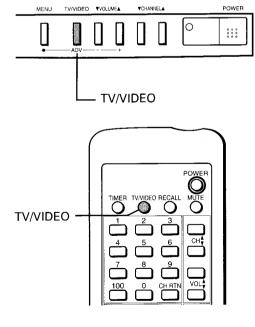
To operate your TV and video equipment properly, refer to the instructions furnished with the video equipment.

- **1** Turn the TV and the video equipment ON.
- 2 Press TV/VIDEO on the Remote Control or on the TV to select the appropriate source.

Each time you press the button, TV or VIDEO source will be selected alternately. The selected source will be displayed in magenta.



- **3** Operate the video equipment normally.
- **Note:** If you connect a monaural video equipment, connect the audio output of the video equipment to the L/MONO jack on the TV.



Before calling service personnel, please check the following chart for a possible cause of the problem you are experiencing. A minor adjustment on your part may eliminate the problem and restore your TV reception.

Symptoms	Check	Adjustments
No picture, no sound	 Be sure power cord is plugged in. May be station trouble. Check antenna connections. Check antenna for broken wires. 	 Press POWER button. Try another channel.
• No sound, picture OK	 May be station trouble. Check if SPEAKERS function (page 17) is properly set. 	 Try another channel. Adjust VOLUME.
 Poor sound, picture OK 	 May be station trouble. Check antenna connections. May be local interference from appliance. 	 Try another channel. Adjust VOLUME. Adjust BASS, TREBLE, or BALANCE control. Re-orient antenna.
 Poor picture, sound OK Snowy picture Lines in picture Distorted picture Weak picture 	 May be local interference from appliance. Check antenna connections. Check antenna for broken wires. May be station trouble. 	 Try another channel. Adjust BRIGHTNESS. Adjust CONTRAST. Adjust SHARPNESS. Re-orient antenna.
 Poor reception of broadcast channels 	 Check antenna connections. Check antenna for broken wires. If VCR is connected, check TV/VCR switch. 	 Try another channel. Re-orient antenna.
No UHF, VHF OK	• Be sure TV/CABLE function (page 9) is in "TV" mode.	
 Unable to select a certain channel 	 That channel may be locked out with CH LOCK function (page 20), or erased with the ADD/ ERASE function (page 10). 	
Multiple images (ghosts)	May be station trouble.Check antenna connections.	 Try another channel. Re-orient antenna.
Poor color or No color	 May be station trouble. Check antenna connections. Check antenna for broken wires. May be local interference from appliance. Check if station is broadcasting in color. If you change the direction of the TV while the TV is activated, the picture may suffer from color shading. If so, turn off the TV and allow to cool for about 30 minutes, then turn on the TV again. The picture should improve. 	 Try another channel. Re-orient antenna. Adjust TINT. Adjust COLOR.
 No stereo sound from a known MTS broadcast 	 Check if MTS function is properly set. 	
 Remote Control does not work 	Be sure power cord is plugged in.Check battery in Remote Control.	 Change batteries.



WARNING: TV sets use High Voltage. Do not try to remove the cabinet back. Refer servicing to qualified service personnel.

- To clean the TV screen:
 - 1. First remove the plug from the power outlet to avoid possible shock hazard.
 - 2. Use a clean cellulose sponge or chamois cloth dampened with a solution of mild detergent and warm water to clean TV screen and trim. Do not use too much water on the TV screen. Water spills into the cabinet and may cause damage to the TV. Avoid excess water.
 - 3. Remove any extra moisture with the same cloth or a dry one.
- To maintain the finish and appearance of the cabinet, polish it from time to time with a quality furniture polish.
- **Caution:** Never use strong solvents such as thinner, benzene or other chemicals on or near cabinet, as they might damage the finish of the cabinet.

Specifications

TELEVISION SYSTEM:	NTSC standard
CHANNEL COVERAGE:	VHF; 2 through 13 UHF; 14 through 69 Cable TV; mid band (A-8 through A-1, A through I) super band (J through W) hyper band (AA through ZZ, AAA, BBB) ultra band (65 through 94, 100 through 125)
POWER SOURCE:	120V AC, 60Hz
POWER CONSUMPTION:	56W (average)
AUDIO POWER:	2W + 2W
SPEAKER TYPE:	Two 2 x 3-1/2 inches (5 x 9 cm) oval
VIDEO/AUDIO TERMINALS:	VIDEO IN: 1V(p-p), 75 ohm, negative sync. AUDIO IN: 150mV(rms) (30% modulation, 47k ohm)
DIMENSIONS:	Width
MASS:	44.1 lbs. (20.0 kg)
SUPPLIED ACCESSORIES:	Remote Control with 2 size "AA" batteries

Design and specifications are subject to change without notice.

Toshiba America Consumer Products, Inc. ("TACP") and Toshiba Hawaii Inc. ("THI") make the following limited warranties. These limited warranties extend to the original consumer purchaser or any person receiving this set as a gift from the original consumer purchaser and to no other purchaser or transferee.

Limited One (1) Year Warranty

TACP and THI warrant this product and its parts against defects in materials or workmanship for a period of one (1) year after the date of original retail purchase. During this period, TACP and THI will repair a defective product or part, without charge to you. You must deliver the entire set to an Authorized TACP/THI Service Station. You pay for all transportation and insurance charges for the set to and from the Service Station.

Limited Two (2) Year Warranty of Picture Tube

TACP and THI further warrant the picture tube in this product against defects in materials or workmanship for a period of two (2) years after the date of original retail purchase. During this period, TACP and THI will replace a defective tube, but you must pay labor charges. You must deliver the entire set to an Authorized TACP/THI Service Station. You pay for all transportation and insurance charges for the set to and from the Service Station.

Owner's Manual and Registration Card

You should read this owner's manual thoroughly before operating this product. You should also insure that your name and address are on file as owner of a TACP/THI product by completing and mailing the enclosed registration card within ten days after you, or the person who has given you this product as a gift, purchased this product. This is one way to enable TACP/THI to provide you with better customer service and improved products. Failure to return the card will not affect your rights under this warranty so long as you retain other proof of purchase such as a bill of sale.

Step-By-Step Procedures – How to Obtain Warranty Service

Your Responsibility

The above warranties are subject to the following conditions:

- (1) You must retain your bill of sale or provide other proof of purchase. Completing and mailing in the enclosed registration card within ten days after the original retail purchase is one way of providing such other proof of purchase.
- (2) All warranty servicing of this product must be made by an Authorized TACP/THI Service Station.
- (3) These warranties are effective only if the product is purchased and operated in the U.S.A.
- (4) Labor service charges for set installation, set up, adjustment of customer controls and installation or repair of antenna systems are not covered by this warranty. Reception problems caused by inadequate antenna systems are your responsibility.
- (5) Warranties extend only to defects in materials or workmanship as limited above and do not extend to any product or parts which have been lost or discarded by you or to damage to products or parts caused by misuse, accident, damage caused by Acts of God, such as lightning or fluctuations in electric power, improper installation, improper maintenance or use in violation of instructions furnished by us; or to units which have been altered or modified without authorization of TACP/THI or to damage to products or parts thereof which have had the serial number removed, altered, defaced or rendered illegible.

Should your unit require service, Call

Toll Free

800-631-3811

If after following all of the operating instructions in this manual and checking the section "BEFORE CALLING SERVICE PERSONNEL", you find that service is needed; (1) Contact one of the TACP/THI Service Centers listed below for warranty service or call the IN THE CONTINENTAL UNITED STATES

- (1) Contact one of the TACP/THI Service Centers listed below for warranty service or call the TACP toll free number 800-631-3811 within thirty (30) days after you find a defective product or part to find the nearest TOSHIBA Authorized Service Station or any authorized TOSHIBA dealer.
- (2) Arrange for the delivery of the product to the Authorized TACP/THI Service Station. Products shipped to the Service Station must be insured and safely and securely packed, preferably in the original shipping carton, and a letter explaining the defect and also a copy of the bill of sale or other proof of purchase must be enclosed. All transportation and insurance charges must be prepaid by you.
- (3) If you have any question about service, please contact one of the following TACP/THI Service Centers:

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NORTHEAST 82 Totowa Road, Wayne, New Jersey 07470	MIDWEST 1010 Johnson Drive, Buffalo Grove, III 60089-6900	WEST 5490 E. Francis St., Ontario, California 91761	SOUTHWEST 1421 Champion Drive Suite 304, Carrollton, Texas 75006	SOUTHEAST 6115 Jimmy Carter Blvd., Suite C2, Norcross, Georgia 30071-4607	HAWAII 327 Kamakee Street, Honolulu, Hawaii 96814				

All warranties implied by state law, including the implied warranties of merchantability and fitness for a particular purpose, are expressly limited to the durations of the limited warranties set forth above. With the exception of any warranties implied by state law as hereby limited, the foregoing warranty is exclusive and in lieu of all other warranties, guarantees, agreements and similar obligations of manufacturer or seller with respect to the repair or replacement of any product or parts. In no event shall TACP or THI be liable for consequential or incidental damages.

No person, agent, distributor, dealer or company is authorized to change, modify or extend the terms of these warranties in any manner whatsoever. The time within which action must be commenced to enforce any obligation of TACP or THI arising under this warranty or under any statute, or law of the United States or any state thereof, is hereby limited to 90 days from the date you discover or should have discovered, the defect. This limitation does not apply to implied warranties arising under state law.

This warranty gives you specific legal rights and you may also have other rights which may vary from state to state. Some states do not allow limitation on how long an implied warranty lasts, when an action may be brought, or the exclusion or limitation of incidental or consequential damages, so the above provisions may not apply to you.



ATTENTION CANADIAN CONSUMERS:

Terms and conditions of the TOSHIBA manufacturers warranty are different in CANADA. Canadian consumers are requested to complete the special Canadian "Warranty Registration Form" enclosed, and forward this completed form with a copy of bill of sale to TOSHIBA OF CANADA to "Register and Validate" their warranty.

В

TOSHIBA AMERICA CONSUMER PRODUCTS, INC.

HEAD OFFICE/82 TOTOWA ROAD, WAYNE, NEW JERSEY 07470

FACTORY SERVICE CENTERS/NORTHEAST: 82 TOTOWA ROAD, WAYNE, NEW JERSEY 07470

MIDWEST: 1010 JOHNSON DRIVE, BUFFALO GROVE, ILLINOIS 60089-6900 WEST: 5490 E. FRANCIS ST., ONTARIO, CA 91761

SOUTHWEST: 1421 CHAMPION DRIVE, SUITE 304 CARROLLTON, TEXAS 75006 SOUTHEAST: 6115 JIMMY CARTER BLVD., SUITE C2, NORCROSS, GA 30071-4607

TOSHIBA HAWAII, INC.

HEAD OFFICE/327 KAMAKEE STREET, HONOLULU, HAWAII 96814, U.S.A.

TOSHIBA OF CANADA LTD.

HEAD OFFICE/191 MCNABB STREET, MARKHAM, ONTARIO, L3R 8H2, CANADA TEL: (905) 470-5400 SERVICE CENTERS/TORONTO: 191 MCNABB STREET, MARKHAM, ONTARIO, L3R 8H2, CANADA TEL: (905) 470-5400 MONTREAL: 1643, NORTH SERVICE RD., TRANS-CANADA HIGHWAY, DORVAL QUEBEC, H9P 1J1, CANADA TEL: (514) 332-6860 VANCOUVER: 3870 JACOMBS ROAD, RICHMOND, B.C., V6V 1Y6, CANADA TEL: (604) 270-8481

MANUFACTURED BY

TOSHIBA AMERICA CONSUMER PRODUCTS, INC.



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