### TOSHIBA

### OWNER'S MANUAL LCD Color TV

#### SRS(O) wow

Introduction

**Reference section** 

### 32WL55A 32WL55E 32WL55T

#### Owner's Record

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

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#### Welcome to Toshiba

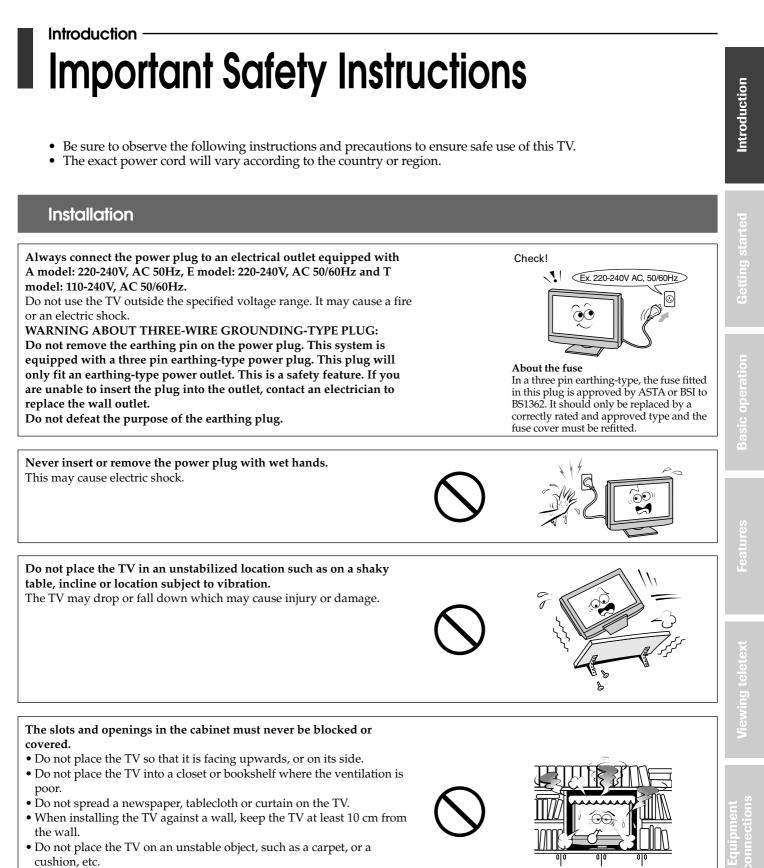
- Thank you for purchasing this Toshiba LCD Color Television. This manual will help you use the exciting features of your new TV.

- Instructions in this manual are based on using the remote control.
  You can also use the controls on the TV if they have the same name as those on the remote control.
  Please read all the safety and operating instructions carefully, and keep the manual for future reference.

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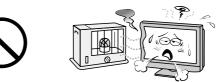


The inside of this TV will overheat if the ventilation holes are sealed, which may result in a fire.

#### Never place the TV near a heater.

The surface of the cabinet or power cord may melt and result in fire or electric shock.

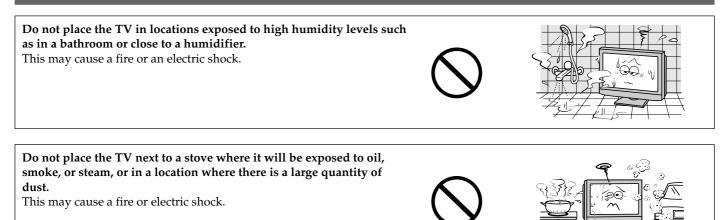




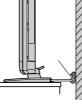
#### Introduction

### Important Safety Instructions (continued)

#### Installation (continued)

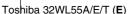


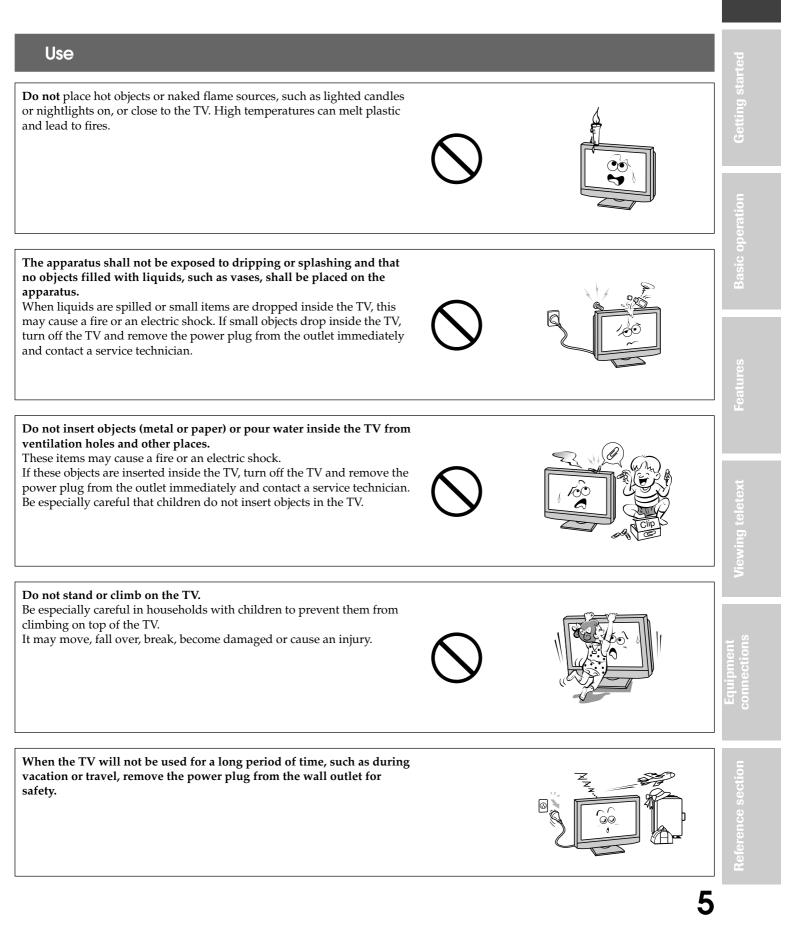
Install the TV in a horizontal, stable location. Connect between two clin is a46 42sackofetc.,wiltha stourdy tieiand]TJ E -1.22 TD -0.0002 Tw [clin of care pae q43)Inely, t way clen er efll tve riandaause a injury











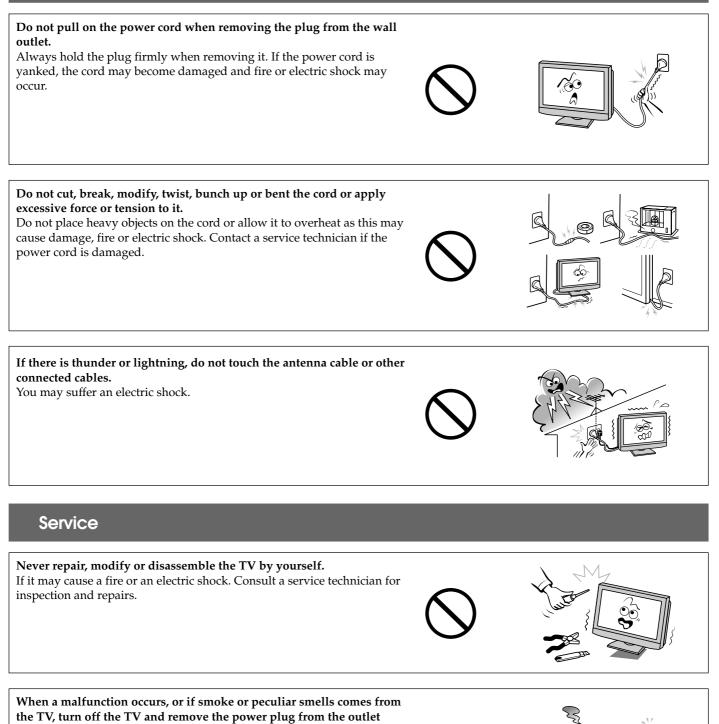
Introduction

#### Introduction

### Important Safety Instructions (continued)

Introduction

#### Use (continued)



**immediately.** Make sure that the smoke or smell has stopped, then contact a service technician. If the TV is still used in this condition, it may then cause a fire or an electric shock.



Introduction
Getting started
Basic operation
Features
Viewing teletext
Equipment connections
Reference section

## Important information

#### Important information

#### About LCD screen

- If you have the LCD screen facing to the sun, the LCD screen will be damaged. Be aware of locating the TV in the place such as window side or outside of the room.
- Do not press the LCD screen strongly or scratch it, and do not put anything on it. These actions will damage the LCD screen.

#### About cabinet

• Do not spray volatile compounds such as insecticide on the cabinet. This may cause a discoloration or damage the cabinet.

#### Some pixels of the screen do not light up

• The LCD display panel is manufactured using an extremely high level of precision technology, however sometimes some pixels of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.

#### About Interference

• The LCD display may cause interference in image, sound, etc. of other electronic equipment that receives electromagnetic waves (e.g. AM radios and video equipment).

#### About using under the low temperature places

• If you use the TV in the room of 0°C or less, the picture brightness may vary until the LCD monitor warms up. This is not a sign of a malfunction.

#### About afterimage

• If a still picture is displayed, an afterimage may remain on the screen, however it will disappear. This is not a sign of malfunction.

## Getting started

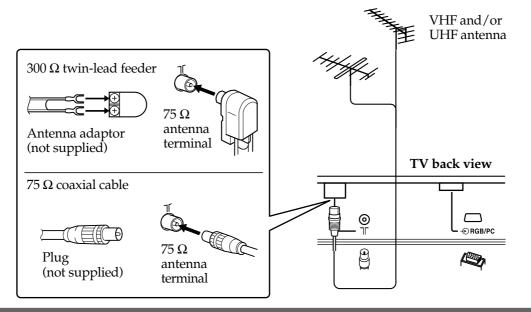
#### Connecting an antenna

Optimum reception of color requires a good signal and will generally mean that an outdoor antenna must be used. The exact type and positioning of the antenna will depend upon your particular area.

Your Toshiba dealer or service personnel can best advise you on which antenna to use in your area.

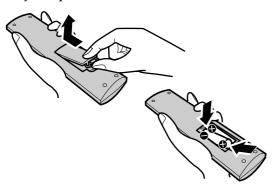
Before connecting the antenna cable, turn off all main POWER switches.

Before connecting the antenna cable, remove the back terminal cover (see page 11).



#### Installing the remote control batteries

Remove the battery cover. Insert two R03 (AAA) batteries matching the -/+ polarities of the battery to the -/+ marks inside the battery compartment.



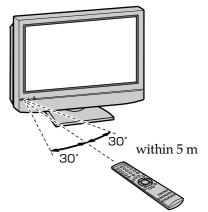
#### Caution:

- Dispose of batteries in a designated disposal area. Do not throw batteries into a fire.
- Attention should be drawn to the environmental aspects of battery disposal.
- Do not mix battery types or combine used batteries with new ones.

9

Black

#### Effective range



#### Notes:

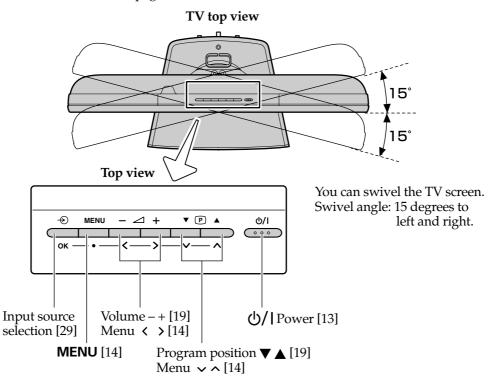
- If the remote control does not operate correctly, or if the operating range becomes reduced, replace both batteries with new ones.
- If the batteries are dead or if you will not use the remote control for a long time, remove the batteries to prevent battery acid from leaking into the battery compartment.

## Exploring your new TV

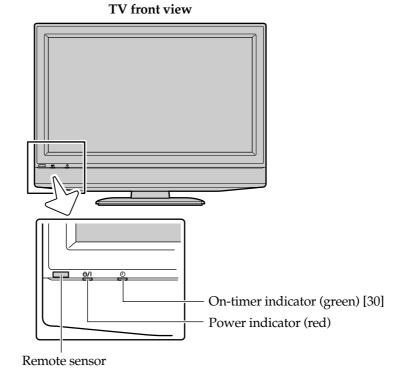
• You can operate your TV using the buttons on the top of the panel or the remote control. The back and side of the panel provide the terminal connections to connect other equipment to your TV. See "Equipment connections" on pages 36-38.

#### TV top

For the use of each control, see the pages in brackets.



#### TV front



### 10

#01E09-13\_32WL55AET

# Getting started

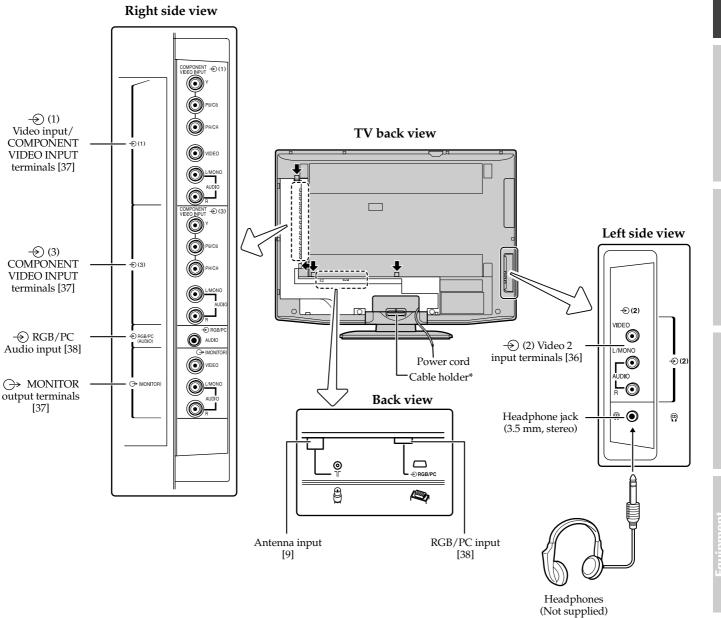
**Basic operation** 

text Fee

ctions

TV back

• Before the connecting external equipment etc., remove the back terminal covers (squeeze tabs ( mark in the figure below) and pull covers).



\* You can use the cable holder to hold antenna cable, video and audio cables etc. When moving the TV, do not hold this holder.

#### Note:

Inserting the Headphone jack will mute the sound from all speakers and deliver normal stereo left and right sounds to the headphones.

4/22/05, 10:54 AM

## Learning about the remote control

#### Location of controls

For the use of each control, see the pages in brackets.

Teletext on/off [33 – 35]

**CALL** [17, 19] Initial/index function for Teletext [35]

To return to the previous program [19]

Picture mode selection [22]

MENU [14] DVD MENU

Menu < > [14]
Volume - + [19]

**OK** [14, 29]

Stereo/bilingual selection [26]

Mode switch TV : To control TV VCR : To control VCR DVD : To control DVD

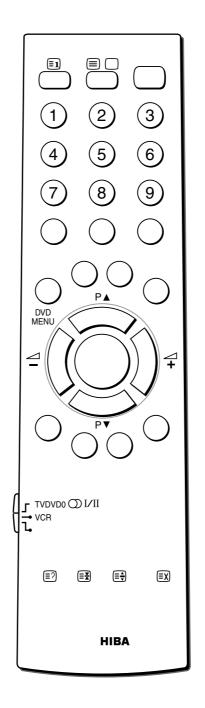
When in VCR or DVD mode: (Only for Toshiba VCR/DVD players) ■ to PAUSE ▲ to EJECT

to SKIP-REWIND ►► to SKIP-FORWARD

- ► to PLAY
- to STOP
- to REWIND

▶ to FAST FORWARD





Power on/Standby [13] (For Toshiba TV/VCR/DVD) Number buttons (0-9) [19, 30] • Input source selection [29]  $(- \odot 1 - \odot 3, PC)$ • To access sub-pages when in teletext [33] Picture size selection [20] **EXIT** [15] • Menu  $\land \lor [14]$ • Program position  $\blacktriangle \blacktriangledown [19]$ • Teletext  $\blacktriangle \blacktriangledown [34]$ T Bass boost on/off [27] Sound mute [19]

T reveal concealed text

T en/arge teletext display size

## Turning the TV on

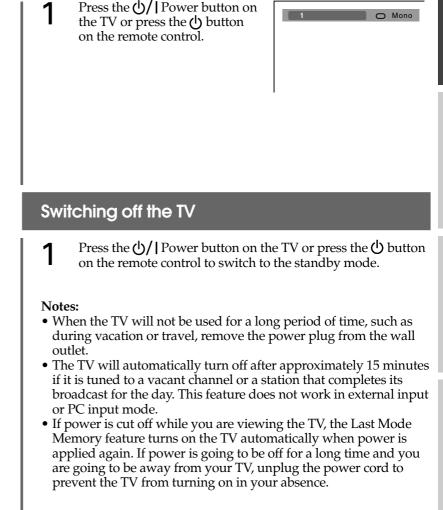
• Plug the power cord to a wall outlet.

#### Switching on the TV



#### Note:

If you watch black and white programs when the color system mode is set to Auto, color noise may appear on the screen. In this case, select the appropriate Color system (For the system of each country or region, refer to pages 17 and 42).



Getting started

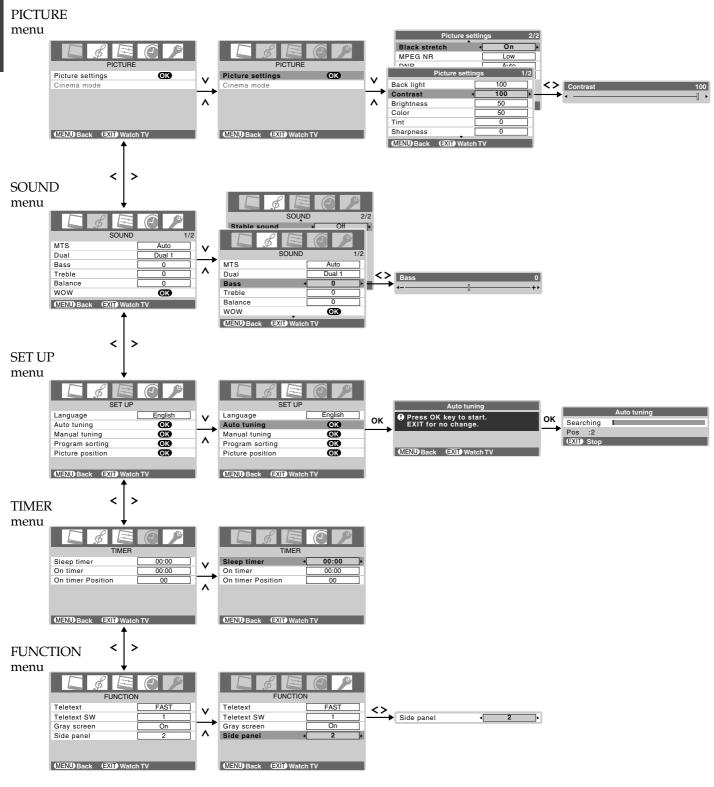
13

## Learning about the menu system

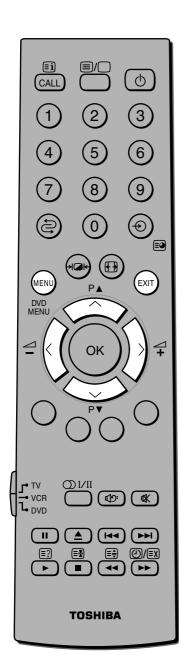
- We suggest you familiarize yourself with the display charts before using the menu system:
  - Press the **MENU** button to display menu, then press the < or > button to select main menu headings.
  - Press the  $\checkmark$  or  $\land$  button to select an item.
  - Press the < or > button to select or adjust setting.
  - Press the **OK** button to display the next menu.

#### Menu display chart



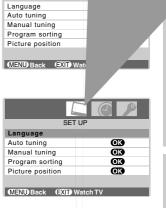


#### Selecting a language



Choose from seven different languages (English, Chinese Malay, Thai, Vietnamese, Russian and Arabic) for the ondisplay.

- Press the **MENU** button, then press the < or > button to display the SET UP menu.
- $2 \quad \begin{array}{l} \text{Press the } \checkmark \text{ or } \land \text{ button to} \\ \text{select Language.} \end{array}$
- **3** Press the < or > button to select the desired language.





#### Notes:

- In the video input mode (→ 1 → 3), Auto tuning, Manual tuning and Program sorting are not available. Instead, Manual setting appears in the SET UP menu (see page 29).
- If you connect external equipment via component video source to external input, Color system selection in the Manual setting menu is not available.
- If you do not make a selection for a while, the menu display disappears automatically.
- If you want to close the menu display instantly, press the **EXIT** button.
- To return to the previous menu, press the **MENU** button.
- The ^/ > buttons function as the Program position P ▲ /P ▼ buttons when there is no menu display on the screen.
- The < / > buttons function as the Volume ∠ +/ ∠ buttons when there is no menu display on the screen.
- In the PC input mode, PC Setting appears in the SET UP menu (see page 39).
- In the 480i or 576i input signals mode, you can select the Cinema mode in the PICTURE menu (see page 24).

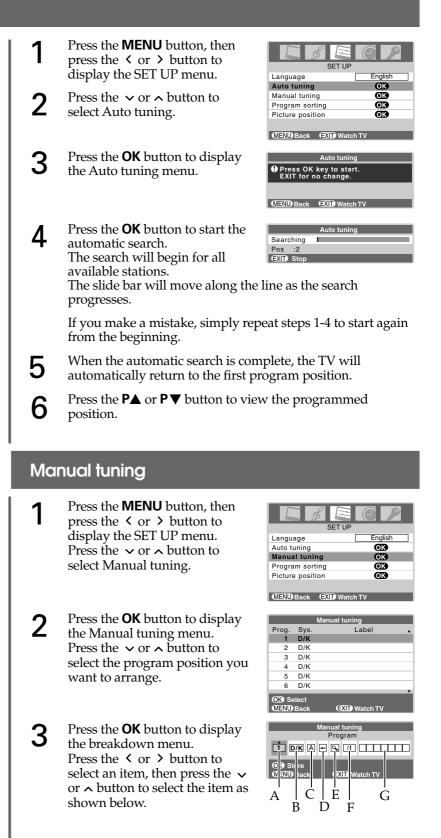
## Programming channel memory

- First, use the Auto tuning function to preset all the active channels in your area automatically. Then, arrange the preset channels with the Manual tuning function so that you can tune into only desired channels.
- Use the Channel search operation if desired channels cannot be preset with the Auto tuning or if you would like to preset channels to specific position numbers one by one.

#### System selection, Auto tuning

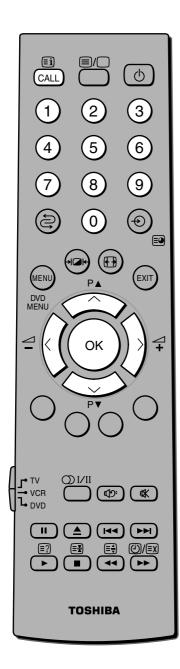
**Getting Started** 





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#### Manual tuning (continued)



- A. Program position selection
- B. Sound system (see page 42)
- C. Color system (see page 42) A : Automatic (factory set), P : PAL, S : SECAM N4 : NTSC 4.43 (MHz), N3 : NTSC 3.58 (MHz) If the color of a certain channel is abnormal, the automatic color system selection (A) may have malfunctioned, or sound system selection is wrong. In such a case, select another color and/or sound system (see page 42).
- D. Program position skip selection Press the ∧ or ∨ button to turn the program position skip option on ", or off ", or off ", or off ", or P, or P
- E. Channel search operation
  Press the < button to search up the band or the < button to search down the band.</li>
  Press the < or < button repeatedly until your desired channel is displayed.</li>
  When a station/satellite is found, it will be displayed.
- DO NOT PRESS ANY OTHER BUTTONS WHILE THE SET IS TUNING. F. Auto Fine Tuning
  - Press the v or v button to turn the Auto Fine Tuning option on "!#" or off "0". The Auto Fine Tuning feature automatically corrects slight
  - fluctuations when receiving signals. Manual Fine Tuning

While the Auto Fine Tuning turn off "0", press the  $\checkmark$  or  $\land$  button so that the better picture and sound are obtained.

G. Label Station labels appear under the program position display each time you turn on the TV, select a channel, or press the **CALL** button.

To change or create station labels:

Press the v or v button repeatedly to select a character for the first space, then press the v button.

┍┑┲╼╤╱┯(┯)↔҂↔+↔,↔-↔.↔/↔᠐-↔9↔┉╣

\*(blank space)

17

2) Repeat step 1) to enter the rest of the characters. If you would like a blank space in the label name, you must choose a blank space from the list of characters.

Press the  $\ensuremath{\text{OK}}$  button to store your settings.

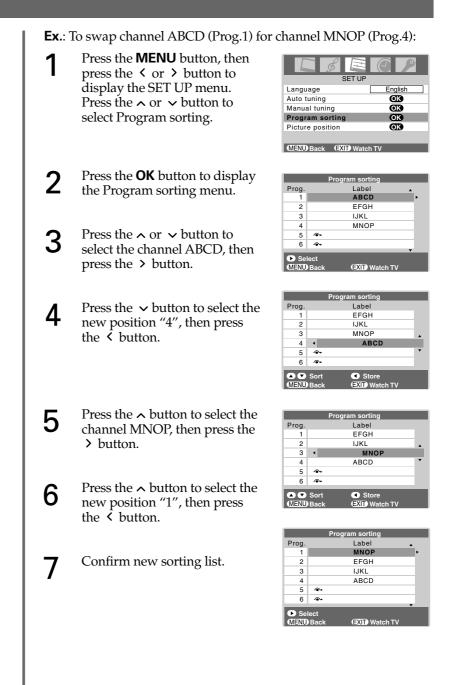
## Programming channel memory (continued)

- This TV is capable of receiving a number of different channels depending upon where you live.
- Program sorting is an easy way of storing each channel on the program position of your choice.

#### Program sorting

**Getting Started** 





To alter the volume: 1 Press the

## Viewing the wide-screen picture format

• This TV is capable of showing broadcasts in a number of formats. Depending on the type of broadcast being transmitted, you may select between Super live, Cinema, Subtitle, 14:9, Wide and 4:3.

#### Picture size selection



#### Notes:

**Basic operation** 

- Using the special functions to change the size of the displayed image (e.g. changing the height/width ratio) for the purpose of public display or commercial gain may infringe on copyright laws.
- The picture size selection is not available for 720p/1080i input signals.
- If the aspect ratio of the selected format is different from the one of the TV transmission or video program, it can cause a difference in vision. Change to the correct aspect ratio picture size.
- When the PC input mode (see page 29) is selected, the picture size selection is wide or 4:3 only.

Press the 🔂 button repeatedly to view the options available.

#### Super live

This setting will enlarge the 4:3 image to fit the screen by stretching the image vertically and horizontally, holding the correct proportions at the center of the image.

#### Cinema

When watching "letterbox format" films/video tapes, this setting will eliminate or reduce the black bars at the top and bottom of the screen by zooming in and selecting the image without distortion.

#### Subtitle

When subtitles are included on a letterbox format broadcast, this setting will raise the picture so that the most of text is displayed.

#### 14:9

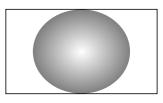
Use this setting when watching a 14:9 broadcast.

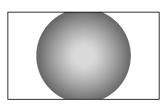
#### Wide

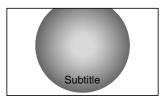
Use this setting when watching a wide-screen DVD, wide-screen video tape or a 16:9 broadcast (when available). Due to the range of wide-screen formats (16:9, 14:9, 20:9 etc.), you may see bars on the top and bottom of the screen.

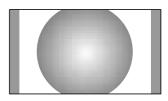
#### 4:3

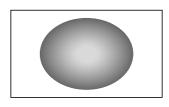
Use this setting to view a true 4:3 broadcast.

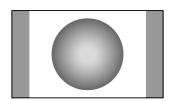






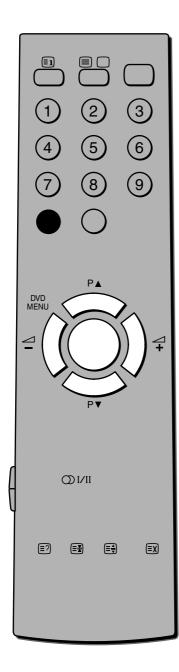






### Picture position, Reset

#### Picture position adjustment



Adjustment to the position of the picture may be made to suit your viewing preferences.

#### To adjust the picture position:

- Press the **MENU** button, then press the < or > button to display the SET UP menu.
- $2 \quad \begin{array}{l} \text{Press the } \checkmark \text{ or } \land \text{ button to} \\ \text{select Picture position.} \end{array}$
- **3** Press the **OK** button to display the Picture position menu.
  - The menu will vary depending upon the widescreen format you have previously chosen.
- 4 Press the v or v button to select an item you want to adjust.
- **5** Press the < or > button to adjust the settings as required.

#### Reset (Picture position adjustment)

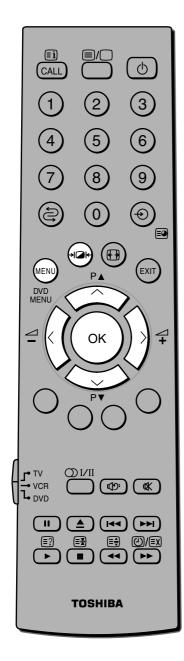
This function resets your picture position settings to the factory settings.

#### To reset the picture position:

- Press the **MENU** button, then press the < or > button to display the SET UP menu.
- 2 Press the v or v button to select Picture position, then press the **OK** button.
- Press the v or v button to select Reset, then press the OK button.

### Basic operation Picture quality adjustment

#### Picture quality adjustment



#### Note:

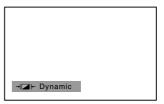
The Tint may only be adjusted on a tape which has been recorded and played back on an NTSC VCR.

#### To select the picture mode:

You can select the picture quality instantly among three preset modes and one user-set mode.

• Press the -> C + button to select the desired picture quality.

Dynamic, Standard, Mild and Memory (user-set) can be selected cyclically.



Mode	Picture quality
-≯⊿⊱ Dynamic	bright and dynamic picture
⊣⊿⊱ Standard	standard picture
≯⊠⊱ Mild	soft picture
→⊿⊱ Memory	the picture quality you set

#### Note:

In the PC input mode (see page 29), you cannot be available this mode.

Back light Contrast

Brightness Color Tint

Sharnness

MENU Back EXIT W

#### To adjust the basic picture quality:

- Press the **MENU** button, then press the < or > button to display the PICTURE menu.
- 2 Press the ∨ or ∧ button to select the Picture settings menu, then press the OK button.
- 3 Press the ∨ or ∧ button to select Back light, Contrast, Brightness, Color, Tint or Sharpness, then press the < or > button to adjust the level.

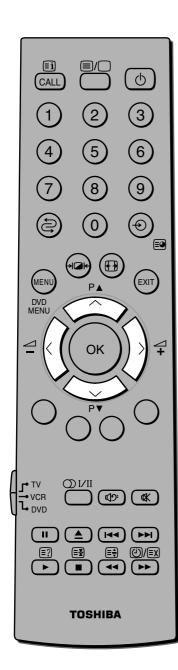
Selection	< Pres	sing >
Back light	darker	lighter
Contrast	lower	higher
Brightness	darker	lighter
Color	paler	deeper
Tint	reddish	greenish
Sharpness	softer	sharper

# Getting started

### Equipment connection:

# nce section

To activate the Black stretch



which improves definition. From the Picture settings 1 Picture s Black stretch menu, press the  $\checkmark$  or  $\land$  button On MPEG NR to select Black stretch on the Auto DNR Color Temperature Norma 2nd page. MENU Back EXIT Watch TV Press the < or > button to 2 Black stretch select On or Off. To activate the MPEG NR (Noise Reduction) If MPEG pictures include mosquito noise (grainy outlines around images within the picture which may result depending on compression and conversion rates), it may be reduced by using this function. From the Picture settings 1 menu, press the  $\checkmark$  or  $\land$  button Black stretch MPEG NR High to select MPEG NR on the 2nd DNR Color Temperature Norm page. MENU Back EXIT Watch TV Press the  $\lt$  or  $\blacklozenge$  button to MPEG NR High 2 select Off, Low, Middle or High. Note: This function is available for 480i, 576i and 1080i signals. To activate the DNR (Digital Noise Reduction) If the received signal is weak and the picture is blurry, the picture may be improved by using this function. From the Picture settings Picture se 2/2 1 Black stretch MPEG NR Or menu, press the  $\checkmark$  or  $\land$  button to select DNR on the 2nd page. DNR Color Temperature MENU Back EXIT Watch TV Press the  $\lt$  or  $\blacklozenge$  button to DNR Auto 2 select Auto, Low, Middle, High or Off. Note: This function is available for 480i and 576i signals. 23

This function increases the strength of dark areas of the picture

### Basic operation Picture quality adjustment (continued)

#### To select the Color Temperature



You can change the tone of the picture by selecting from three preset color temperatures: Cool, Normal or Warm.

- Press the MENU button, then press the < or > button to display the PICTURE menu.
- 2 Press the v or v button to select the Picture settings menu, then press the **OK** button.
- Press the ∨ or ∧ button to select Color Temperature on the 2nd page, then press the < or > button to select mode you prefer.

Cool : Lends a blue hue to the picture. Normal : Neutral Warm : Lends a red hue to the picture.

Ficture set	ungs Ziz
Black stretch	On
MPEG NR	High
DNR	Auto
Color Temperature	▲ Normal ▶

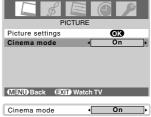
MENU Back EXID Watch TV

#### To use the Cinema mode

A movie film's picture runs at 24 frames a second, whereas movie software such as DVD, etc., that you enjoy watching on television at home runs at 30 (NTSC) or 25 (PAL) frames a second. To convert this signal to reproduce a smooth motion and picture quality, select the On mode.

#### Effective signal and setup conditions

- When the Video input mode is selected.
- When the input signal format is 480i and 576i signals.
- Press the MENU button, then press the < or > button to display the PICTURE menu.
  - Press the  $\checkmark$  or  $\land$  button to select Cinema mode, then press the  $\lt$  or > button to select On or Off.



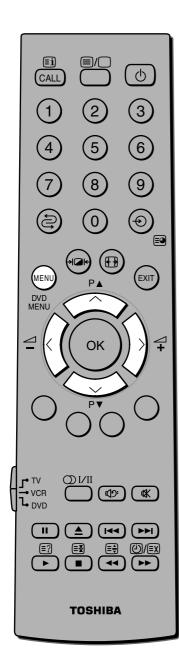
#### Note:

2

A DVD movie with a subtitle is input from a DVD player, the Cinema mode may not work correctly.

## Sound adjustment

#### MTS (Multi-channel TV Sound) setting



#### Setting the MTS mode:

#### Auto mode

The MTS Auto mode automatically recognize stereo/bilingual programs depending on the broadcast signal.

- Press the **MENU** button, then press the < or > button to display the SOUND menu.
- Press the v or v button to select MTS, then press the v or button to select Auto or Mono.

E & E	O P
SOUNE	) 1/2
MTS	▲ Auto ▶
Dual	Dual 1
Bass	0
Treble	0
Balance	0
WOW	OK
MENU Back EXIT Watch TV	

#### Mono mode

If you experience noise or poor reception of any stereo/bilingual program, set the MTS mode to Mono. Noise will be reduced and reception may improve.

#### Note:

If you experience noise with a particular program on whose channel reception is usually good, try setting MTS mode to Auto, then switch the OI/II button to O Mono (monaural) (see page 26).

#### Selecting the Dual 1 or Dual 2 mode

You can hear only Dual 1 or Dual 2 sound selected, whenever bilingual programs are received.

Press the **MENU** button, then press the *<* or *>* button to display the SOUND menu.

Press the ∨ or ∧ button to select Dual, then press the < or > to select Dual 1 or Dual 2.

	8	
	SOUND	1/2
MTS	[	Auto
Dual	•	Dual 1
Bass		0
Bass Treble		0
		0 0 0
Treble	[	0 0 0 0K
Treble Balance	EXIT Watch	

#### Notes:

1

- When the MTS setting is in Mono mode, the Dual menu is not selectable.
- The Dual menu setting status remains even if the TV is turned off.

## Sound adjustment (continued)

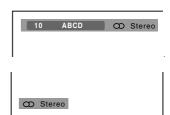
#### Stereo/Bilingual selection



#### To select the stereo programs:

1

- When a stereo program is received, O Stereo appears.



Display	Reception mode
🛈 Stereo	Stereo
🗢 Mono	Monaural

#### To select the bilingual programs:

1 When a bilingual program is received,  $\bigcirc$  Dual appears.



2 Press the DI/II button to select the sound to be heard. The sound differs according to the transmission system: NICAM



or German stereo/bilingual broadcast.  $\bullet \circ$  Dual 1,  $\circ \bullet$  Dual 2 and  $\bigcirc$  Mono appear cyclically on the screen.

	Sound to be heard	
Display	NICAM	German stereo/ bilingual broadcast
•• Dual 1	Sub I sound	Main sound
○● Dual 2	Sub II sound	Sub sound
🗢 Mono	Main sound	_

Note:

These settings are not stored in the TV memory.

OK

#### To adjust the sound quality:

- Press the **MENU** button, then 1 press the < or > button to display the SOUND menu.
- 2 Press the  $\checkmark$  or  $\land$  button to select Bass, Treble or Balance.
- Press the  $\lt$  or  $\blacklozenge$  button to 3 adjust the level.

Selection	< Pre:	ssing >
Bass	weaker	stronger
Treble	weaker	stronger
Balance	decreases the right channel	decreases the left channel

MTS

Dual Bass Treble

Balance

wow

MENU Back EXIT Wa

#### **Bass boost**

1

2

#### To use the Bass boost:

- Press the Bass boost level.
  - Bass boost
- While the Bass boost display is on the screen, press the  $rac{2}$  +
- To turn off the Bass boost, press 3 the ₵೨<sup>:</sup> button to display Bass boost Off.



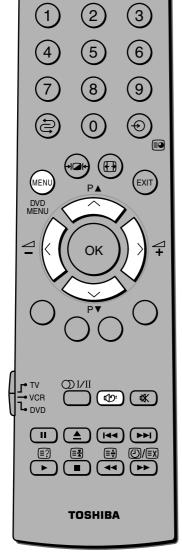


27

 $( \bigcirc )$ (CALL)

Ξi

Sound quality adjustment

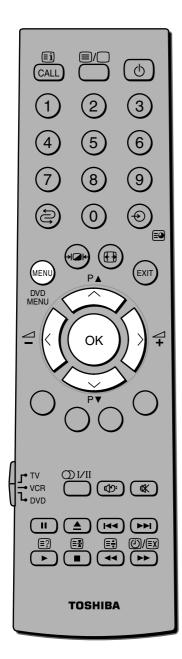


#### Note:

The Bass boost effect is active only when the sound outputs from the speaker.

## Sound adjustment (continued)

#### To use the WOW surround sound



#### Notes:

- If the broadcast is monaural, the SRS 3D effect does not work.
- WOW, SRS and (•)<sup>®</sup> symbol are trademarks of SRS Labs, Inc.
- WOW technology is incorporated under license from SRS Labs, Inc.

WOW is a special combination of SRS Labs audio technologies that creates a thrilling surround experience with deep, rich bass from stereo sound sources. Your TV's audio will sound fuller, richer and wider.

- Press the **MENU** button, then press the < or > button to display the SOUND menu.
- Press the v or v button to select WOW, then press the OK button.
- Press the ∨ or ∧ button to select an item you want to adjust, then press the < or > button to adjust the settings as required.

E & E	O P
SOUND	1/2
MTS	Auto
Dual	Dual 1
Bass	0
Treble	0
Balance	0
wow	OK
MENU Back EXIT Watcl	hTV

wow						
SRS 3D	•	Off ▶				
FOCUS		On				
TruBass		High				



- SRS 3D: To turn On or Off the surround effect.
- FOCUS: To turn On or Off the surround effect.
- TruBass: To select your desired bass expansion level (Off, Low or High).

#### To use the Stable sound

When the signal source is changed, the Stable sound function limits the high volume level to prevent extreme changes in volume. For example, this will prevent the sudden increase in volume that often happens when a TV program switches to a commercial.

From the SOUND menu, press the  $\checkmark$  or  $\land$  button to select Stable sound on the 2nd page.

Press the  $\langle$  or  $\rangle$  button to

select On or Off.

1

2



28

## Input selection

#### Input selection

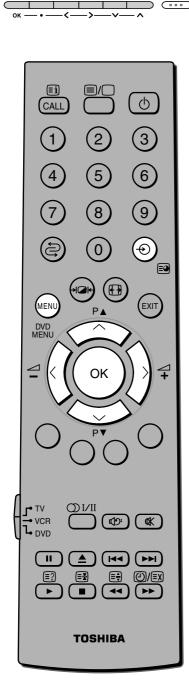
MENU

#### TV top view

• P 4

ወ/በ

- 🛆 +

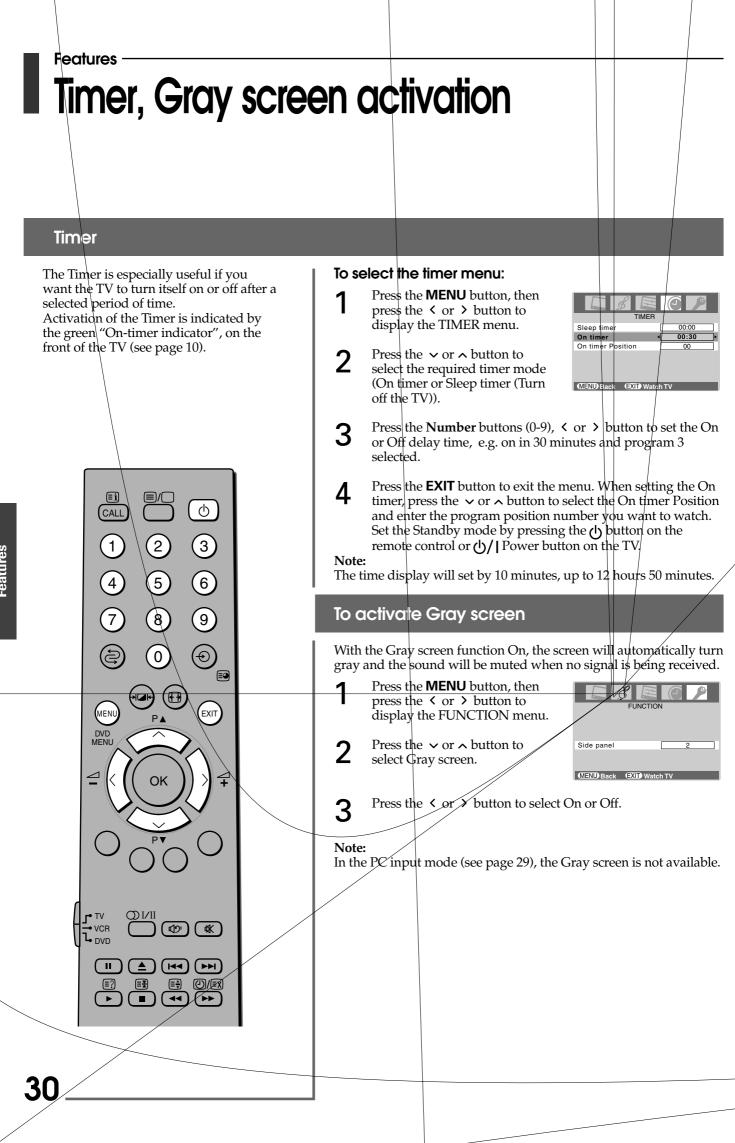


#### Notes:

- To return to the TV mode from the PC input mode, press the → button.
- When the component video input or PC input mode is selected, the → MONITOR output terminals (see page 37) output audio signal only.

29

To select input source: Press and hold the → button or OK: press the **OK** button on the -⊙: remote control until the video (Press and hold) input mode list appears on the screen, then press the  $\checkmark$  or  $\land$ button to select appropriate input source (or press the button on the top of the panel or  $\rightarrow$  button on the remote control repeatedly to select required Ex. PC input mode input source directly). PC Press the **OK** button. 2 → 1 (→ (1), video 1 input), - ⊕ 2 (- ⊕ (2), video 2 input),  $\Rightarrow$  3 ( $\Rightarrow$  (3), video 3 input), PC ( $\Rightarrow$  RGB/PC, PC input) Manual setting: Press the **MENU** button, then 1 press the < or > button to display the SET UP menu. nalis Language Manual setting Picture position OK OK 2 Press the  $\land$  or  $\checkmark$  button to select Manual setting, then MENU Back EXIT Watch TV press the OK button. 3 Press the  $\lt$  or > button to Manual setting Color system:Auto select an item, then press the  $high \sim$ or  $\checkmark$  button to select the item as shown below. В А A. Color System Confirm that color system is set to "A" (Auto). If not, select "A" with the  $\land$  or  $\checkmark$  button. B. Video label The video label allows you to label each input source for your TV. To change or create video labels: 1) Press the  $\land$  or  $\checkmark$  button repeatedly to select a character for the first space, then press the  $\rightarrow$  button.  $\vdash A - \leftrightarrow Z \leftrightarrow (\leftrightarrow) \leftrightarrow * \leftrightarrow + \leftrightarrow , \leftrightarrow - \leftrightarrow , \leftrightarrow / \leftrightarrow 0 - \leftrightarrow 9 \leftrightarrow \sqcup^{\otimes} \leftarrow$ \*(blank space) 2) Repeat step 1) to enter the rest of the characters. If you would like a blank space in the label name, you must choose a blank space from the list of characters. Press the **OK** button to store your settings. 29

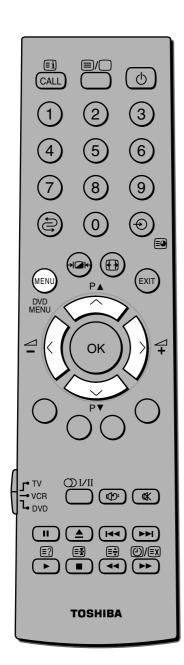


Features

Toshiba 32WL55A/E/T (E)

## Side panel adjustment

#### Side panel adjustment



You can adjust the brightness of side panel in 14:9 or 4:3 mode.

#### To adjust the Side panel setting:

- Press the MENU button, then press the < or > button to display the FUNCTION menu.
- $2 \quad \begin{array}{l} \text{Press the } \checkmark \text{ or } \land \text{ button to} \\ \text{select Side panel.} \end{array}$
- **3** $Press the <math>\langle \text{ or } \rangle$  button to adjust the settings as required.

E & E	
FUNCTION	1
Teletext	FAST
Teletext SW	1
Gray screen	On
Side panel 🔹	2
MENU Back EXID Watcl	h TV

▲ 2

Þ

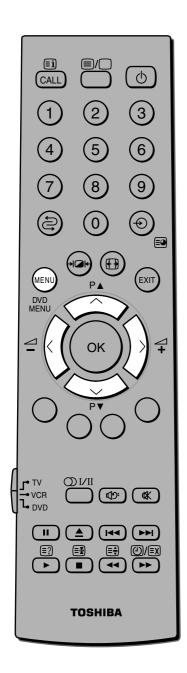
Side panel

## Teletext - Setting up

• This TV has a multi-page teletext memory, which takes a few moments to load and it offers two ways of viewing Teletext FAST and LIST which are explained on page 34.

3

#### Teletext mode



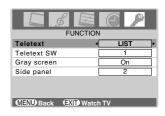
#### Note:

When you are watching the teletext program, SET UP menu and FUNCTION menu are not selectable.

#### To select Teletext mode:

Select a channel position with the desired teletext service.

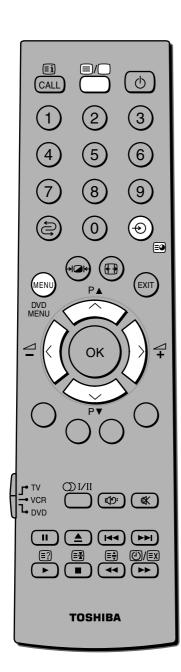
- Press the **MENU** button, then press the < or > button to display the FUNCTION menu.
- $2 \quad \begin{array}{l} \text{Press the } \checkmark \text{ or } \land \text{ button to} \\ \text{select Teletext.} \end{array}$



Press the < or > button to select FAST or LIST mode.

## About Teletext

#### Teletext general information



#### $\blacksquare/\Box$ button:

Pressing the I/ button once will bring up the teletext screen. Press again to superimpose the teletext over a normal broadcast picture. Press again to return to normal TV mode. You need to return to normal viewing if you wish to change channels.

When you first press the  $\equiv / \Box$  button to access the text service, the first page you see will be the initial page.

In **FAST** mode, this displays the main subjects available and their relevant page numbers.

In **LIST** mode, you will see the page numbers currently stored on the **each color** button.

#### Sub-pages:

Once in this chosen page, if there are sub-pages they will automatically load into memory without changing the one you are reading. Arrows will appear alongside the page number, indicating sub-pages which have loaded to the left or right of the one on the screen. If there are many sub-pages, it will take a long time for them all to load and this will depend on the speed with which the broadcaster transmits them.

To access the sub-pages in memory, press the  $\boxdot$  (  $\multimap$  ) button, then use the  $\land$  and  $\backsim$  buttons to view them.

#### Teletext SW adjustment

If reception is weak, the picture may appear blurred, and text may not appear clearly on the screen. In this case, use this function to make text appear clearer.

Press the MENU button, then press the < or > button to display the FUNCTION menu.

E & E	$\Theta$
FUNCTION	4
Teletext	LIST
Teletext SW	3
Gray screen	On
Side panel	2

MENU Back EXID Watch TV

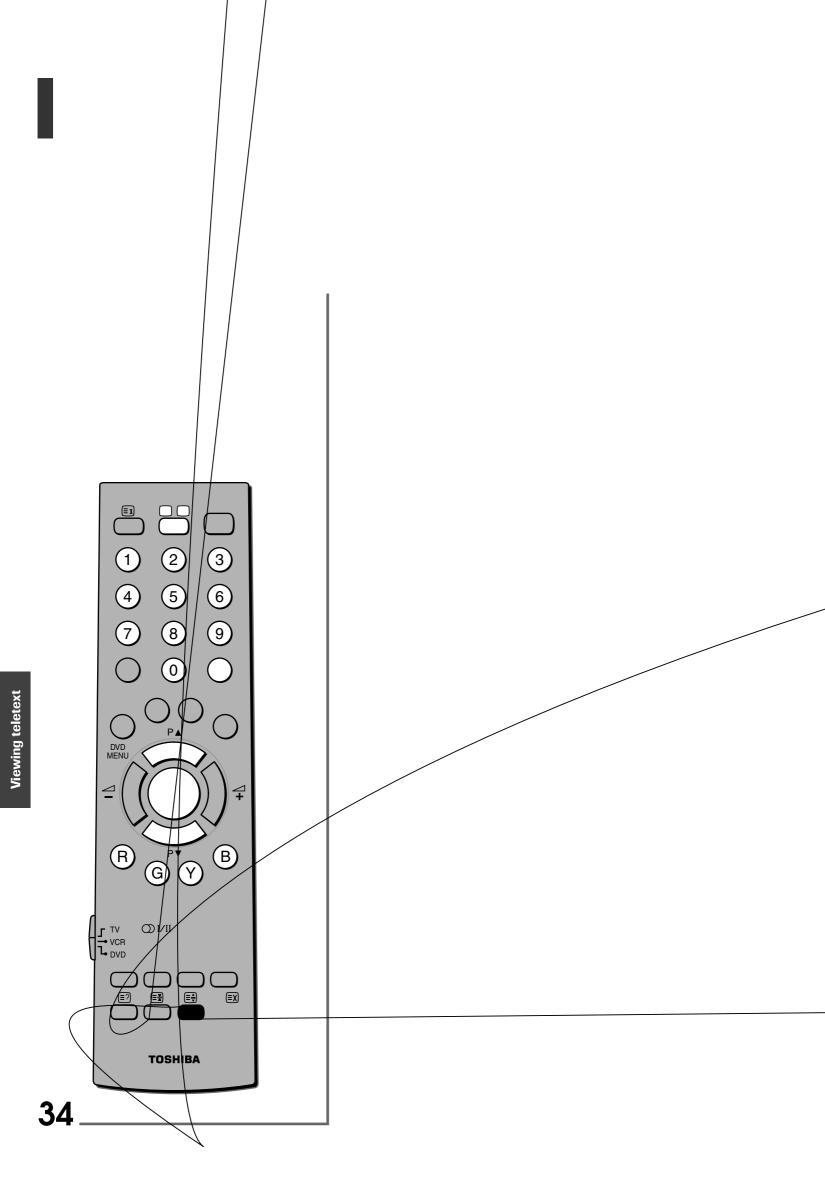
2

Press the  $\checkmark$  or  $\land$  button to select Teletext SW, then press the  $\lt$  or > button to adjust 1, 2 or 3 modes.

#### Note:

This function may not be available in some cases.

started



Toshiba 32WL55A/E/T (**E**)

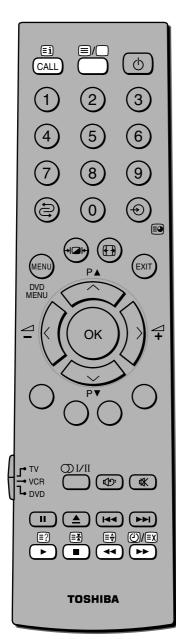
## Viewing teletext Control buttons

• Below is an introduction to the teletext buttons on your remote control and their functions.

#### Teletext buttons on the remote control

#### Note:

It will not be possible to change program position while in Teletext mode, you will have to cancel the teletext first by pressing the  $\equiv/\Box$  button to return to a normal TV picture.



#### $\equiv$ / $\Box$ To display a page of teletext:

Press the <a>[<br/>
/</>
 button to display teletext. Press again to superimpose the teletext over a normal broadcast picture. Press again to return to normal TV mode.

#### **Ei** To display an index/initial page:

#### In FAST-mode

Press the index page. The one displayed is dependent on the broadcaster.

#### In LIST-mode

Press the **i** button to return to the 100 page or initial page.

#### $\exists ?$ To reveal concealed text:

Some pages cover topics such as quizzes and jokes. To discover the solutions, press the  $\textcircled{\sc end}$  button.

#### **To hold a wanted page:** $\blacksquare$

This feature is included as it is part of the broadcast teletext system but you will not need it as this TV allows you to control the display of sub-pages.

#### **∃** To enlarge the teletext display size:

Press the 🗐 button once to enlarge the top half of the page, press again to enlarge the bottom half of the page. Press again to revert to the normal size.

#### / $\blacksquare$ To select a page while viewing a normal picture:

When in teletext mode, if a page selection is made and then the ⓓ/善 button is pressed, a normal picture will be displayed. The TV will indicate when the page is present by displaying the title bar of the text page at the top of the screen. Press the ■/□ button to view the page.

#### To select the time display:

If you press the ⓓ/i button while watching a normal TV broadcast, you will see a time display from the broadcaster. It will remain on the screen for about 5 seconds.

9:56 and 25 seconds p.m.

21:56:25

35

started

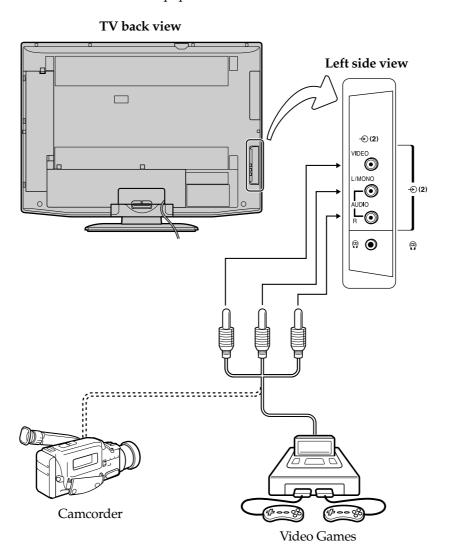
Viewing teletext

### **Equipment connections** Side connections

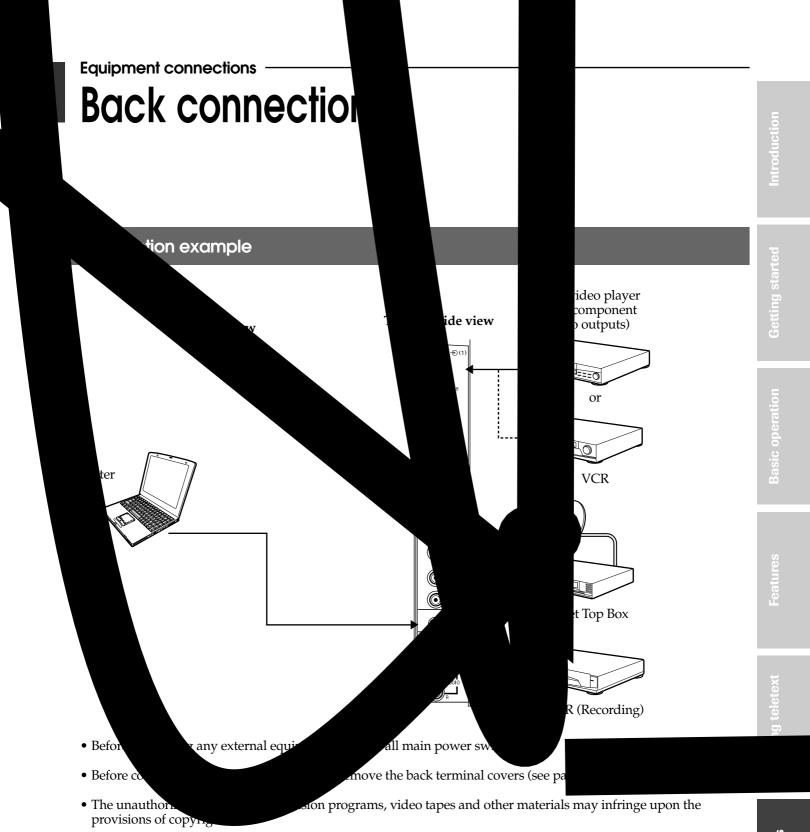
• You can connect a wide variety of auxiliary equipment via the terminals located on the left side of the TV - ⊕ (2).

#### **Connection example**

Please always refer to the owner's manual of the equipment to be connected for full details.



- To select the side inputs, press and hold the -🕤 button until the video input mode list appears on the screen, then press the  $\land$  or  $\checkmark$  button to select O 2 (see page 29), then press **OK**.
- Before connecting any external equipment, turn off all main power switches.
- If you connect mono sound equipment to (2), connect the audio output of the equipment to the L/MONO jack on the TV.
- You can enjoy Video Games with this TV. However shooting games, which shoots at a target on the TV screen with a light gun, may not work because of the LCD Color TV properties.



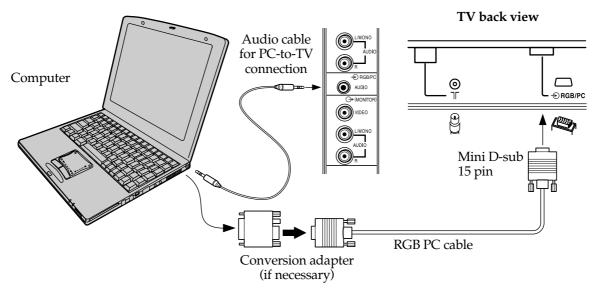
- The COMPONENT VIDEO INPUT consists of three component video jacks (Y, P<sub>B</sub>/C<sub>B</sub>, P<sub>R</sub>/C<sub>R</sub>) and provides the best picture performance. These jacks can only be used with the component video compatible equipment e.g. DVD video player etc.
- Connect either the COMPONENT VIDEO INPUT terminals or VIDEO input terminal (-(-)), whichever terminal is used. Do not connect both of these terminals.
- Additional equipment and cables shown are not supplied with this TV.

Equipment connections

## Equipment connections Connecting a computer

- Before connecting PC and audio cables, remove the back terminal covers (see page 11).
- An analog RGB (15 pin) computer cable can be connected.

#### To connect a computer



Connect a PC cable from the computer to the RGB/PC terminal on the back of the TV.

#### The following signals can be displayed:

• VGA: VESA 640 x 480 @ 60 Hz • SVGA: VESA 800 x 600 @ 60 Hz • XGA: VESA 1024 x 768 @ 60 Hz However, these signal formats are converted to match the number of pixels of the LCD panel.

Therefore, the TV may not display small text properly.

#### Notes:

- Some PC models cannot be connected to this TV.
- There is no need to use an adapter for computers with DOS/V compatible mini D-sub 15 pin terminal.
- A bar may appear in the upper, lower, right or left side of the screen, or parts of the picture may be obscured depending on some signals. This is not the malfunction.
- If the edges of the picture are stretched, readjust the picture position adjustment in the PC Setting menu.
- Depending on the specification of the PC you are playing the DVD-Video on, and the DVD's title, some scenes may be skipped, or you may not be able to pause during multi-angle scenes.

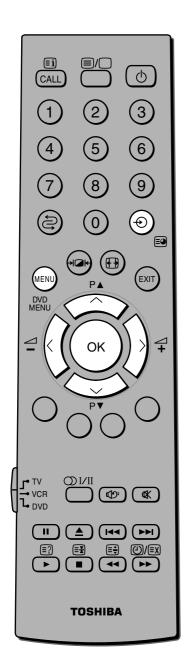
#### Signal names for mini D-sub 15 pin connector

	Pin No.	Signal name	Pin No.	Signal name
Pin assignment for RGB/PC terminal	1	R	9	NC
	2	G	10	Ground
	3	В	11	NC
	4	NC (not connected)	12	NC
	5	NC	13	H-sync
	6	Ground	14	V-sync
	7	Ground	15	NC
	8	Ground		

## Equipment connections PC Setting

- In the PC input mode, you cannot select the Color, Tint, Black stretch, MPEG NR and DNR in the Picture setting menu and Cinema mode (see page 14).
- In the PC input mode, the Manual setting (see page 29) is not displayed.

#### To adjust a PC setting



First press and hold the O button until the video input mode list appears on the screen, then press the  $\checkmark$  or  $\land$  and **OK** buttons in order to select the PC input mode (see page 29).

#### To adjust the Picture size/position:

- Press the MENU button, then press the < or > button to display the SET UP menu.
- $2 \quad \begin{array}{l} \text{Press the } \checkmark \text{ or } \land \text{ button to} \\ \text{select PC Setting.} \end{array}$
- **3** Press the **OK** button to display the PC Setting menu.
- Press the ∨ or ∧ button to select an option you want to adjust. (Picture size/position menu: Horizontal position, Horizontal width, Vertical position and Vertical height)
- **5** Press the < or > button to adjust the settings as required.

 PC Setting
 1/2

 Horizontal position
 ◆

 Horizontal width
 0

 Vertical position
 0

 Vertical height
 0

 Clock phase
 0

 Sampling clock
 0

 MEND Back
 EXIT) Watch TV

OK

Language PC Setting

MENU Back EXIT Watch TV



39

### **Equipment connections** PC Setting (continued)

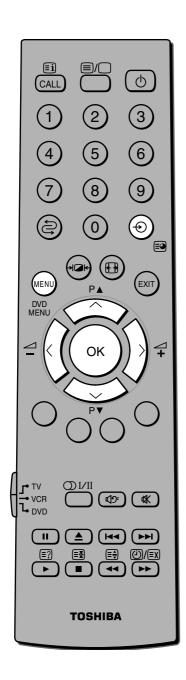
- If the clock phase, which synchronize the PC signal and LCD display, is not optimized, the picture will blur. This function enables you to adjust clock phase and display a clear picture.
- If the sampling clock does not synchronize with the dot clock frequency of the PC, blurred picture detail will occur, or screen width will change, or drift patterns in vertical lines may be apparent. This function enables you to adjust it and optimize the picture.
- The Reset function adjusts the PC Setting (for all VGA, SVGA and XGA) to the factory settings.

1

1

2

#### To adjust a PC setting (continued)



First press and hold the button until the video input mode list appears on the screen, then press the  $\checkmark$  or  $\land$  and OK buttons in order to select the PC input mode (see page 29).

#### To adjust the Clock phase of the picture: Press the **MENU** button, then press the $\prec$ or $\rightarrow$ button to display the SET UP menu. Language PC Setting OK Press the $\checkmark$ or $\land$ button to select PC Setting. MENU Back EXIT Watch TV Press the **OK** button, then press 2 PC : Horizontal position the $\checkmark$ or $\land$ button to select Horizontal width Clock phase. Vertical positio Vertical height Clock phase Sampling clock MENU Back EXID Press the $\lt$ or > button to 3 Clock phase obtain a clear picture. To adjust the Sampling clock: From the PC Setting menu, PC Se press the $\checkmark$ or $\land$ button Horizontal position Horizontal width Vertical position Vertical height to select Sampling clock. Clock phase Sampling cloc MENU Back EXIT \ Press the $\lt$ or $\blacklozenge$ button to Sampling clock 2 optimize the picture.

#### To reset the PC Setting:

From the PC Setting menu, 1 press the  $\checkmark$  or  $\land$  button to select Reset on the 2nd page.



Press the **OK** button.

Equipment connections

#### Note:

The optimum points of the clock phase and sampling clock adjustments may be incomprehensible according to the input signals.

### Reference section Troubleshooting

• Before calling a service technician, please check the following table for a possible cause of the symptom and some solutions.

#### Symptom and solution

Symptom	Solution
TV will not turn on	<ul> <li>Make sure the power cord is plugged in, then press U/I.</li> <li>The remote control batteries may be dead. Replace the batteries.</li> </ul>
No picture, no sound	Check the antenna connections.
No sound, picture OK	<ul> <li>The sound may be muted. Press ∠ +, ∠ – or 墩.</li> <li>The station may have broadcast difficulties. Try another channel.</li> </ul>
Poor sound, picture OK	• The station may have broadcast difficulties. Try another channel.
Poor picture, sound OK	<ul> <li>Check the antenna connections.</li> <li>The station may have broadcast difficulties. Try another channel.</li> <li>Adjust the PICTURE menu.</li> </ul>
Poor reception of broadcast channels	<ul> <li>Check the antenna connections.</li> <li>The station may have broadcast difficulties. Try another channel.</li> <li>Make sure the Color system is properly set.</li> </ul>
Teletext problems	• Check the antenna connections. Good performance of text depends on a good strong broadcast signal.
Multiple images	<ul> <li>The station may have broadcast difficulties. Try another channel.</li> <li>Antenna reception may be poor. Use a high directional outdoor antenna.</li> <li>Check if the direction of the antenna has changed.</li> </ul>
Poor color or no color	<ul> <li>The station may have broadcast difficulties. Try another channel.</li> <li>Adjust the Tint and/or Color in the PICTURE menu.</li> </ul>
The remote control does not operate	<ul> <li>Remove all obstructions between the remote control and the remote control sensor in the TV.</li> <li>The remote control batteries may be dead. Replace them with new ones.</li> <li>Check that the TV/VCR/DVD switch on the remote control is properly set.</li> </ul>
Some pixels of the screen do not light up	• The LCD display panel is manufactured using an extremely high level of precision technology, however, sometimes some pixels of the screen may be missing picture elements or have luminous spots. This is not a sign of a malfunction.
The brightness of the screen comes down, or flickers of the screen are caused, or some parts of the screen do not light up.	<ul> <li>When you just buy and start to use this TV, a flickering may be caused in the screen. In this case, switch off the TV, then switch on it again to cure the condition.</li> <li>The cold cathode fluorescent lamp used for the back light on this TV has longevity. When the brightness of the screen comes down, or the flickers of the screen are caused, or some parts of the screen do not light up, it may reach the end of its life. Contact a service technician.</li> </ul>
The picture brightness varies when you switch the TV on.	• If you switch the TV on at 0°C and under, wait until the display warms up.

Black

Reference section

### **Broadcast system, Specifications**

#### Broadcast transmission systems of each country or region

<b>A</b>	Country on Dawley	System		
Area	Country or Region	Color	Sound	
	Bahrain, Kuwait, Israel, Oman, Qatar, United Arab Emirates, Yemen, etc. Indonesia, Malaysia, Singapore, Thailand, etc.	PAL	B/G	
	China	PAL	D/K	
Asia M. E.	China Hong Kong	PAL	Ι	
IVI. E.	Iraq, Islamic Republic of Iran, Lebanon, Saudi Arabia, etc.	SECAM	B/G	
	Russian Federation, etc.	SECAM	D/K	
	Myanmar, etc.	NTSC	М	
Oceania	Australia, New Zealand, etc.	PAL	B/G	
Africa	Republic of South Africa, etc.	PAL	Ι	
	Argentina, Paraguay, Uruguay, etc.	PAL	Ν	
South America	Brazil	PAL	М	
	Chile, Colombia, etc.	NTSC	М	

#### Note:

PAL, SECAM and NTSC 3.58 (MHz) are different color signal broadcast transmission systems applicable to different countries or region. NTSC 4.43 (MHz) is used in special VCRs to playback NTSC recorded video tapes through PAL television equipment.

#### LCD color television

Model	32WL55.	32WL55A, 32WL55E, 32WL55T						
Power source	32WL55.	32WL55A 220V - 240V AC, 50 Hz						
	32WL551				C, 50/60 Hz			
		32WL55T 110V - 240V AC, 50/60 Hz						
Power consumption	155W, 0.8	155W, 0.8W (standby)						
Dimensions	794mm (	794mm (W) 630mm (H) 300mm (D)						
Mass (Weight)	21.5 kg							
Television system		Channel coverage:						
(Antenna input)	PAL		(CCIR)	VHF	2 - 12			
*				UHF	21 - 69			
				CATV	X - Z+2, S1 - S41			
	PAL	Ι	(UK)	VHF	-			
				UHF	21 - 69			
	DAT	DIK		CATV	-			
	PAL	D/K	(CHINA)		1 - 12			
				UHF	13 - 57			
	SECAM	$\mathbf{P}/\mathbf{C}$	(CCID)	CATV	Z1 - Z38			
	SECAM	D/G	(CCIK)	VHF UHF	2 - 12 21 - 69			
				CATV	X - Z+2, S1 - S41			
	SECAM	D/K	(OIRT)	VHF	1 - 12			
		D/R	(OIIII)	UHF	21 - 69			
				CATV	X1 - X19			
	NTSC	М	(US)	VHF	2 - 13			
				UHF	14 - 69			
				CATV	A6 - A1, A - W, AA - ZZ, AAA, BBB			
	NTSC	Μ	(JAPAN)	VHF	1 - 12			
				UHF	13 - 62			
			-	CATV	M1 - M10, S1 - S41			
•		Special RF signal:						
2		NTSC 4.43 color system			6.5 MHz sound system			
	PAL 60 F	IZ COLO	or system	5.5/6.0/0	6.5 MHz sound system			

LCD color television (continued)

	, i i i i i i i i i i i i i i i i i i i					Getting starte				
COMPONENT VI terminals (the sign		480i, 480 (These si panel.)	480i, 480p, 576i, 576p, 720p (50/60 Hz), 1080i (50/60 Hz) (These signal formats are converted to match the number of pixels of the LCD panel.)							
Color system		PAL, SE	PAL, SECAM, NTSC 3.58/4.43							
Aspect ratio		16:9								
Visible size (diagor	nal)	80.0 cm				5				
Number of pixels		1366 (H)	dots $\times$ 768 (V) dots			erati				
Audio power			.0 W (10% THD)			obe				
Speakers	, ,	$60 \times 120$	mm 2pcs.			Basic operation				
Input/Output tern	ninals	-(1)	Input	Component video	Y, $P_B/C_B$ , $P_R/C_R$					
			Input Input	or Phono jacks Phono jacks Component video	A/V A/V Y, P <sub>B</sub> /C <sub>B</sub> , P <sub>R</sub> /C <sub>R</sub>					
		⊖→ (MC PC Inpu	ONITOR) Output t	Phono jacks Phono jacks Mini D-sub 15 pin	Audio L/Mono +R A/V Analog RGB	Features				
		Audio Ir Headph	nput	3.5 mm stereo mini 3.5 mm (Diameter)	i jack	Fe				
Operating condition	on	Tempera Humidit	iture	0°C - 35°C 20% - 80% (No moi	isture condensation)					
Supplied accessorie	es	Owner's	s manual (1), Remot	e control (1), Batteries	(2),	ext				
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Toshiba 32WL55A/E/T (E)

### **TOSHIBA CORPORATION**

(YC/J) 23566647

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Black

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Toshiba 32WL55A/E/T (E)