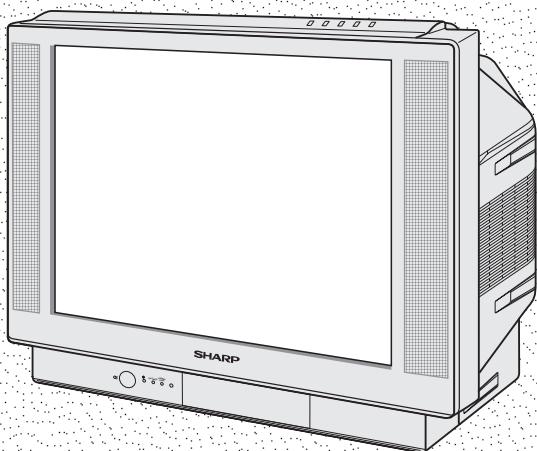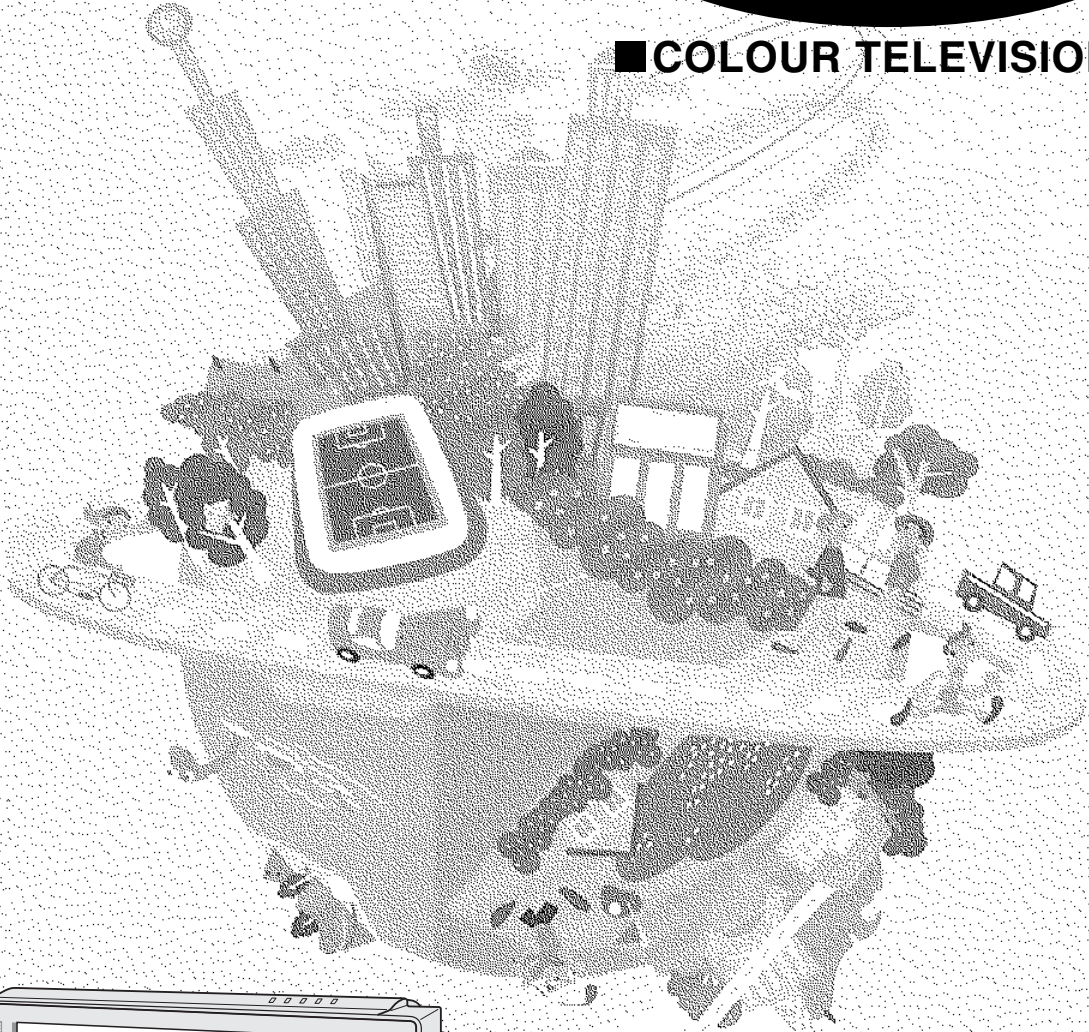# SHARP®

OPERATION MANUAL

MODEL

SX68NF8

■ COLOUR TELEVISION ■

Please read this operation manual carefully before using the colour television.

7/11/02, 2:03 PM

Dimension: 176 x 250 mm

Contents

Dimension: 176 x 250 mm

Dear SHARP Customer

Thank you for buying SHARP's Colour Television. We hope you will have many years of enjoyment from this television set. To ensure proper operation, please read this manual carefully, and keep it in a safe place for future reference.
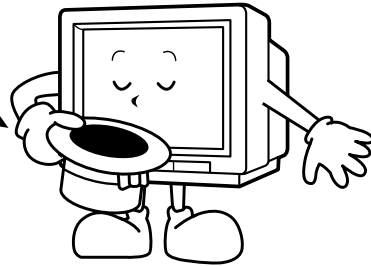
Accessories

The following accessories are included with this television.
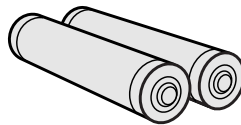
Remote control   **Size-AA batteries**   **Operation manual**
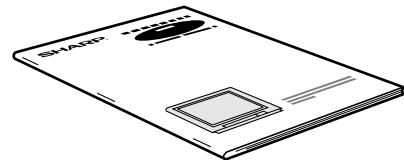
E 2

Dimension: 176 x 250 mm

Easy setup

To use your TV set, perform the easy setup procedure below.

The ▢ mark indicates the page numbers with more detailed information.

1
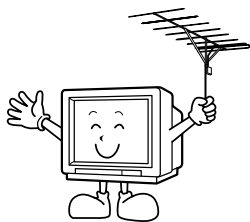
Connect the antenna.

• See **31** to connect the antenna.

2
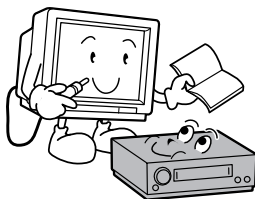
Connect any video equipment.

• See **31** , **32** to connect video equipment.
• See the operation manual of your video equipment when connecting to the TV set.

3
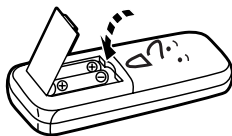
Insert the batteries into the remote control.

• Use the two batteries included with the TV.
• See **5** .

4
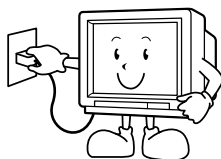
Insert the AC plug to the power outlet.

• If you will not use the TV set for a considerable length of time, as a safety precaution, unplug the cord from the outlet.

5
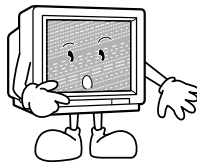
Tune the channels.

• Use the buttons on the TV.
• See **13** , **14** .

E 3

7/11/02, 2:03 PM

Dimension: 176 x 250 mm

🔌 Safety precautions

Damage
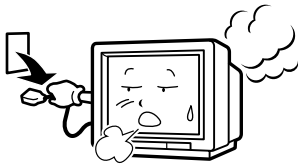
Turn off the power and unplug the power cord from the wall outlet immediately if the TV set begins to make any unusual noises or gives off smoke or an unusual smell. Then call your dealer for service.

Water
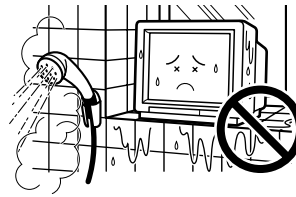
To prevent fire or electrical shock, do not place the TV set near a bathroom, swimming pool or other area where it may become wet.

Servicing
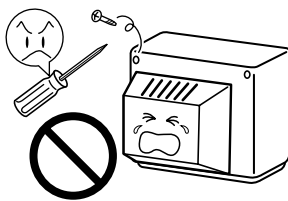
To reduce the risk of electric shock, do not remove the back of the cabinet. This TV set contains dangerous voltage.

Moisture

To prevent electrical shock, do not use the TV set in an excessively damp place.

Unstable surface and shocks
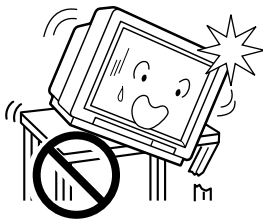
Do not place this TV set on an unstable cart, stand, shelf, or table. The TV set may fall, causing serious injury to a child or adult, and serious damage to the set.

Sharp recommends securing the TV set to a stable surface or wall to prevent the set from falling due to sudden shocks or impact.

Power-cord protection
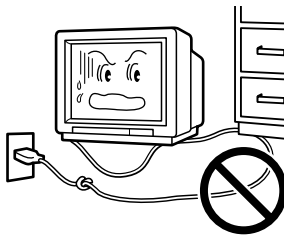
To prevent electrical shock, do not subject the AC power cord to damage by bending or twisting it, or by placing heavy items on top of it and do not place the AC power cord under the TV set. If the AC power cord becomes damaged, unplug it from the wall outlet immediately and call your dealer for service.

Liquid entry
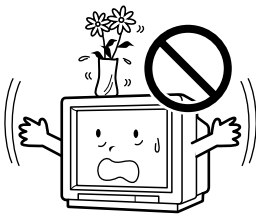
Do not place a flower vase or anything else containing liquid on the TV set, as liquid spilt on the TV set can cause electrical shock or failure.

Ventilation
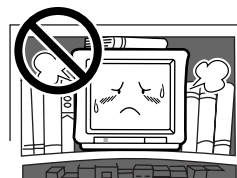
Do not place this TV set in a confined area, such as on a bookshelf or in a built-in case. Leave adequate space behind the TV for proper ventilation.

Object entry

Never insert or drop any metallic or inflammable objects into the ventilation openings of the TV set, as this can cause fire, electrical shock, or electrical failure.

TV Set position
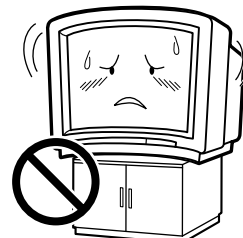
Do place the TV set onto an even stand, table or track which size is bigger than the TV set.
If the TV set is put onto a smaller size or uneven stand, table or track may cause the TV cabinet distort. Do not put or insert anything between TV set and the stand, table or track.

E 4

Dimension: 176 x 250 mm

🔌 Part names

The ▢ mark indicates the page numbers with more detailed information.

Remote control

Infrared Transmitter Window
Aim this window at the infrared sensor window on your TV set.

⏻| **7**
Turns the TV on or to Standby mode.

⊠ **9**
Mutes the sound and restores sound to previous level.

AV MODE **9**
Changes Picture and Sound setting.
STANDARD, SOFT, DYNAMIC

SURROUND **18**
Produces a more spacious sound.

MPX **27**
Switches between main and sub sound, and stereo and monaural sound.

Colour buttons **23** / **29**
Operate the Favourite Channel and Teletext functions.

◁∧ / **◁∨** **7**
Adjusts the volume.
Used for MENU setup.

NORMAL **16**
Resets all settings.

Teletext buttons **29**
Operate the Teletext functions.

20 **POWER SAVE**

10 **TV/VIDEO**
Switches between TV broadcasts and A/V input programmes.

9 ▢
Displays the channel and timer settings on the screen.

7 **Number** buttons

7 **·/··**
Switches between one- or two-digit mode channel selection.

10 **⟳**
Returns to previously viewed channel.

7 **CH∧** / **CH∨**
Selects the channel.
Used for MENU setup.

11 **MENU**
Calls the MENU screen.

SHARP
TV/TEXT

Installing batteries in the remote control unit

1 With your thumbnail, pull up at the slit to open the battery cover.
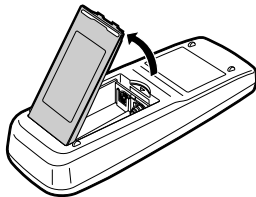
2 Insert two batteries (size AA).
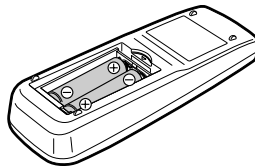
3 Replace the battery cover.
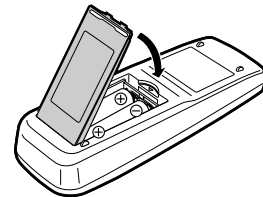
NOTE • Be sure to match the battery ⊕/⊖ terminals with the ⊕/⊖ marks inside the compartment.
• Remove the batteries if weak or if the unit is not in use for long periods.
• Do not mix old and new batteries.
• Incorrect installation of the batteries may damage the remote control.

E 5

Dimension: 176 x 250 mm

TV Set

TV Set (Top)

MENU/PRESET   ∨ ⊿ ∧   ∨ CH ∧

(MENU/PRESET) **11**

MENU/PRESET button
Tunes the channels.
Used for MENU setup.

(⊿ ∧) / (⊿ ∨) **7**   **7** (CH ∧) / (CH ∨)

Volume up/down buttons
Adjusts the volume.
Makes adjustments in PRESET.

Channel up/down buttons
Selects the channels.
Tunes or sets the channels.

TV Set (Bottom)

⊘I   ON TIMER   POWER SAVE

(⊘I) **7**

Power switch
Turns on and off
the main power.

Power indicator **7**
Power can be turned on by
the remote control when the
indicator is red.

On timer indicator **25**

Power save indicator **20**

Infrared sensor window **5**
Receives the infrared wave
from the remote control.

SHARP

Behind the door

VIDEO   (MONO) L-AUDIO-R
∩   S-VIDEO   AV-3 IN

Headphone jack **8**
Use to listen to the audio with headphone.

32 **Audio input terminals (AV-3)**
Connects to a camcorder,
video game, etc.

S-Video input terminal (AV-3) **32**
Connects to a camcorder, video game, etc.

32 **Video input terminal (AV-3)**
Connects to a camcorder,
video game, etc.

NOTE ▶ • When using headphone, see **8** .

E 6

Watching TV

Watching a TV programme

TV Set (Bottom)

ON TIMER POWER SAVE

Power indicator

TV Set (Top)

MENU/PRESET

CH ⌃
CH ⌄
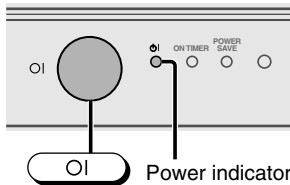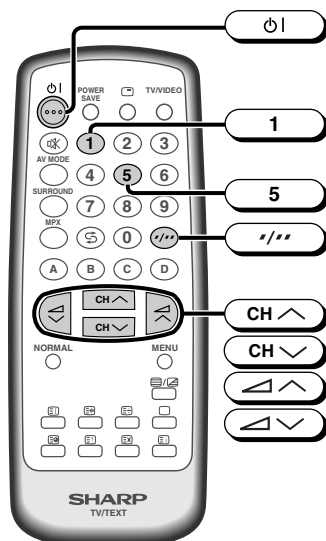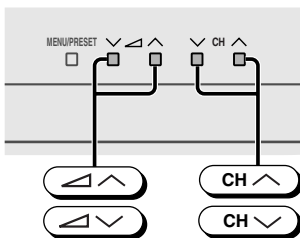
Simple operations for watching a TV programme

1 **Turn on power.**
- When the power indicator is off, press ⏻.
- When the power indicator lights up red, press ⏻ on the remote control. The power indicator changes to green and a picture appears.

2 **Select channel.**

With CH ⌃ / CH ⌄

- Press CH ⌃ and channels change as shown below.
  1 → 2 → ... → 98 → 99 → AV1 (or SAV1) → AV2 (or COMPONENT) → AV3 (or SAV3) → 0 → 1 → 2 ...
- Press CH ⌄ and channels change as shown below.
  1 → 0 → AV3 (or SAV3) → AV2 (or COMPONENT) → AV1 (or SAV1) → 99 → 98 → ... → 2 → 1 → 0 ...

With the number buttons (on remote control)

- To select a one-digit channel, such as 5, press 5.
  If "5-" is indicated, press •/•• to select one-digit input, and then press 5 again.
- To select a two-digit channel, such as 15, press •/•• to select the two-digit input. Press 1, and then press 5.

- -

1 -

15
PAL

3 **Adjust volume using ⌂⌃ / ⌂⌄.**

- The number of oval blocks "●" indicates the volume level. The volume bar disappears approximately three seconds after the volume has been adjusted.

VOLUME   10
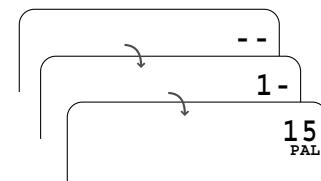
NOTE • When the power indicator lights up red, either CH ⌃ / CH ⌄ on the TV can be pressed to turn on the power.
• The channel number is displayed in green for channels tuned by auto tuning and displayed in yellow for channels tuned using fine tuning.
• When the power indicator lights up red, the TV is in Standby mode and power is still supplied to the TV. If you will not watch TV for a while, turn off the main power by pressing ⏻ on the TV set. Also, if you will not be at home for a considerable length of time, unplug the cord from the outlet.
• The AV1 (or SAV1), AV2 (or COMPONENT) and AV3 (or SAV3) input channels cannot be selected using CH ⌃ / CH ⌄ on the remote control. Use TV/VIDEO to select these channel.
• Channels that have been skipped cannot be selected. See **15**.
• The on-screen displays in this manual may differ from their actual appearance.

E 7

Dimension: 176 x 250 mm

Operating the TV buttons

Simple operation of the TV set

TV Set (Top)

MENU/PRESET ∨ ⊿ ∧   ∨ CH ∧

⊿ ∧
⊿ ∨
CH ∧
CH ∨
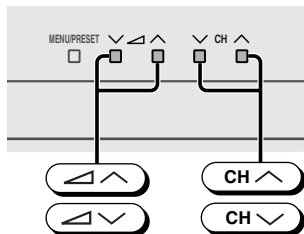
Using ⊿∧ / ⊿∨

Press ⊿∧ to increase volume.

Press ⊿∨ to decrease volume.

VOLUME   15
⊿ ●●●● · · · · · · · ·

Using CH∧ / CH∨

Press CH∧ to increase channel number.

Press CH∨ to decrease channel number.

5
PAL

Behind the door

VIDEO (MONO) L-AUDIO-R
Ω   S-VID   AV-3 IN
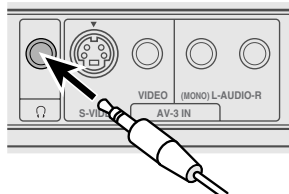
Using headphone

Insert headphone plug into headphone jack to listen to audio with headphone.

• The audio from the speakers is turned off.

NOTE ➤ • Select an appropriate volume so as not to injure your hearing.
• To avoid injuring your hearing, do not put on the headphone before plugging them into the headphone jack and before the power is turned on.
• The proper impedance for the headphone is 32 ohms.
• Remove the headphone plug from the jack when not using the headphone.

E 8

Dimension: 176 x 250 mm

Useful features

Channel/Timer display

Displays the current channel number, the timer, and other settings on the screen.
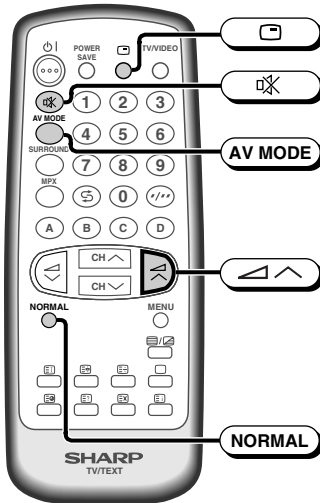
1 Press ⬜.
- The time remaining on the Off timer, On timer, and Reminder appears on the screen.
- When no timer is set, the channel number and colour system appear on the screen. Press again to clear these current settings display on the screen.

```
OFF⧠      2:30
ON  ⧠      8:00
R           1:50
```
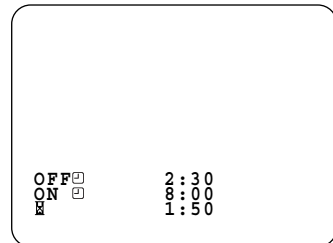
2 Press ⬜ again.
- The channel number and colour system appear on the screen.

```
                    5
                  PAL
```

3 Press ⬜ once again.
- The display disappears.

Mute

Silences the sound.

1 Press ⊗.
- "⊗" appears on the screen, and the sound is silenced.
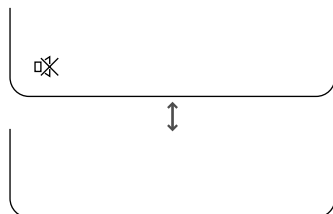
2 Press ⊗ again.
- The volume returns to its previous level.

AV Mode

Each time you press the (AV MODE) button, the mode switches between STANDARD, SOFT and DYNAMIC.

STANDARD: Normal mode
SOFT: Soft mode
DYNAMIC: Dynamic mode

(STANDARD)
(SOFT)
(DYNAMIC)
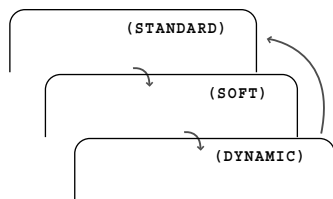
NOTE • To return to the original setting (factory setting), press the (NORMAL). For adjusting the Picture and Sound modes, please see **16** and **17**.
• Mute will be cancelled if the (⬜△) is pressed at any time.

E 9

Dimension: 176 x 250 mm

Channel recall

Switches back to the channel you were watching just before the current channel.
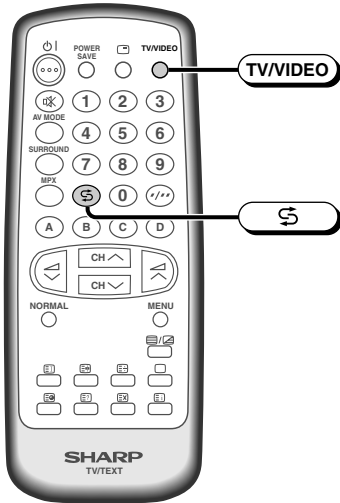
Press ⤷.

• The channel previously viewed returns to the screen.

Example:

If, after switching from channel 5 to channel 7, ⤷ is pressed, the channel will change to channel 5. Press ⤷ again to return to channel 7.

5
PAL
↓
7
PAL
↓
5
PAL
↓
7
PAL
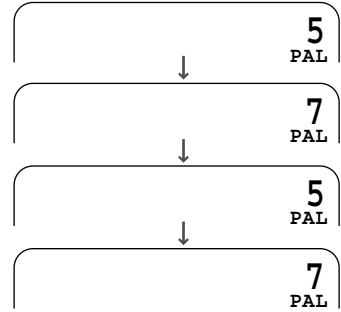
TV/Video selection

Switches between TV broadcasts and AV input programmes.

Each time you press the (TV/VIDEO), the input switches between AV1 (or SAV1), AV2 (or COMPONENT), AV3 (or SAV3), and TV programme.

SAV1 or AV1
COMPONENT or AV2
SAV3 or AV3
25
PAL

E 10

Dimension: 176 x 250 mm
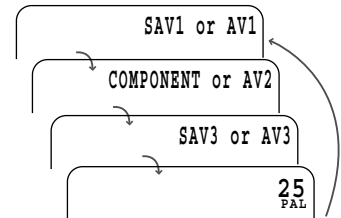
Selecting menu items

This TV set allows you to adjust the picture and sound, and set the channels and other features using the On-screen display with the remote control or from the TV set. Select the desired menu item by following the steps below and then refer to the indicated page for details.

Remote control
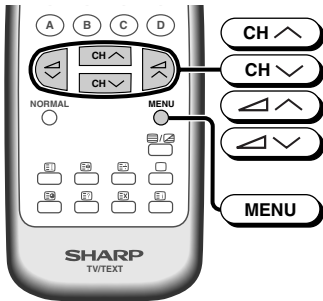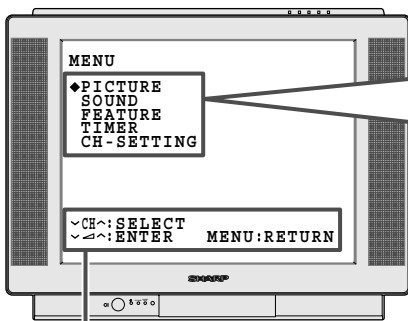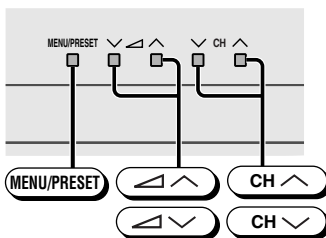
Selecting a menu item

1 Press (MENU) / (MENU/PRESET) to call MENU screen.

```
MENU

◆PICTURE
 SOUND
 FEATURE
 TIMER
 CH-SETTING
```

2 Press (CH ∧) / (CH ∨) to select desired menu item.
• The selected item is highlighted in yellow.

```
MENU

 PICTURE
◆SOUND
 FEATURE
 TIMER
 CH-SETTING
```

TV Set (Top)

3 Press (◢∧) / (◢∨) to enter.
• The corresponding menu screen will appear.

```
SOUND          (STANDARD)

◆SURROUND        ON
 TREBLE         +10
 BASS           -20
 S-BOOSTER       ON
 BALANCE       ▷20
```

PICTURE menu ················· **16**

```
PICTURE      (STANDARD)

◆CONTRAST        10
 COLOUR           0
 BRIGHTNESS     +10
 TINT
 SHARPNESS      -10
 PICTURE NR      ON
 WHITE TEMP     ◆20
⌄CH^:SELECT
⌄◢^:ADJUST  MENU:RETURN
```

SOUND menu ···················· **17**

```
SOUND        (STANDARD)

◆SURROUND        ON
 TREBLE         +10
 BASS           -20
 S-BOOSTER       ON
 BALANCE       ▷20


⌄CH^:SELECT
⌄◢^:ADJUST  MENU:RETURN
```

FEATURE menu ··· **19** — **23**

```
FEATURE

◆BLUE BACK       ON
 SAVE            ON
 VM              ON
 TEXT             3
 AI              ON


⌄CH^:SELECT
⌄◢^:ADJUST  MENU:RETURN
```

TIMER menu ········· **24** — **26**

```
TIMER

◆OFF⏱        --:--
 ON ⏱        --:--
  POSITION
  VOLUME
 🕐           --:--


⌄CH^:SELECT
⌄◢^:ADJUST  MENU:RETURN
```

```
MENU
◆PICTURE
 SOUND
 FEATURE
 TIMER
 CH-SETTING



⌄CH^:SELECT
⌄◢^:ENTER   MENU:RETURN
```

CH-SETTING menu ············ **15** , **27** — **28**

```
CH-SETTING

◆POSITION      CH27
 COLOUR        AUTO
 SKIP          OFF
 FINE      168.25MHz
 NICAM          ON
 A2             ON

⌄CH^:SELECT
⌄◢^:ADJUST  MENU:RETURN
```

Operating guide

NOTE
• If you press (MENU/PRESET) for more than two seconds, the LANGUAGE mode screen will appear instead of the MENU screen. To display the MENU screen, press (MENU/PRESET) until the normal screen appears, then press the button again.
• The procedures for setting and selecting the menu items on the following pages are described using the buttons on the remote control. These procedures can also be performed using the corresponding buttons on the TV set.

E 11

Dimension: 176 x 250 mm

Settings and adjustments

On-screen display language selection

The on-screen display language can be set to English, Chinese, French, Russian, Malay or Arabic.

TV Set (Top)

MENU/PRESET ∨◁ ∧   ∨ CH ∧

(MENU/PRESET)   (CH ∧)
                (CH ∨)

TV set

◆ENGLISH
中　文
FRANÇAIS
РУССКИЙ
BAHASA MELAYU
العربية
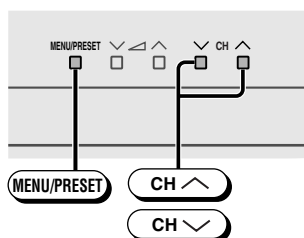
1 Press (MENU/PRESET) for more than two seconds.

• The language select mode appear.

2 Press (CH ∧) / (CH ∨) to select desired language.

• Pressing (MENU/PRESET) changes the screen as shown below.

```
 ┌→ Language ─→ AUTO ─→ MANUAL ─┐
 └──────── Normal screen ←───────┘
```
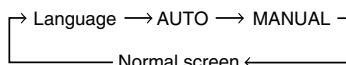
3 Press (MENU/PRESET) until normal screen appears.

E 12

7/11/02, 2:04 PM
Dimension: 176 x 250 mm

Settings and adjustments

Manual channel tuning

Enables manual channel tuning to a desired TV station. (e.g. tuning the TV to a VCR, tuning in an additional TV station.) NOTE: This TV is already tuned into 2, 7, 9, 10 and 28.

TV Set (Top)

MENU/PRESET ∨ ⊿ ∧ ∨ CH ∧

MENU/PRESET ⊿∧ CH∧
⊿∨ CH∨

1 Press (MENU/PRESET) for more than two seconds. The language select mode appears.

```
◆ENGLISH
中 文
FRANÇAIS
РУССКИЙ
BAHASA MELAYU
العربية
```

Number buttons

2 Press (MENU/PRESET) twice to display MANUAL mode screen.

• Pressing (MENU/PRESET) changes the screen as shown below.

→ Language ⟶ AUTO ⟶ MANUAL ⌐
⌐ Normal screen ⟵

```
MANUAL(B/G)
VHF      1
   48.25MHz
```

MENU
CH ∧
CH ∨

3 Press (CH ∧) / (CH ∨) or number buttons to select channel position.

4 Press (⊿∧) / (⊿∨) on TV set to locate channel you wish to preset to current channel position.

• Search is initiated and when a TV signal is received during the search, the search stops.

```
MANUAL(B/G)
VHF      5
  107.50MHz
```

Channel position

5 Repeat steps 3 and 4 above, to preset channel positions for other broadcasts.

6 Press (MENU/PRESET) again to display normal screen.

E 13

Dimension: 176 x 250 mm

Auto channel tuning

Automatically tunes in and presets receivable TV stations, using consecutive channels numbers (e.g. 2, 7, 9, 10 will be stored as 1, 2, 3, 4)

TV Set (Top)
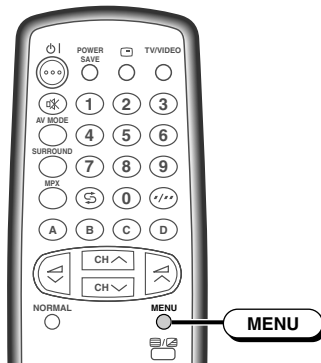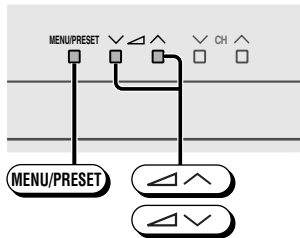
MENU/PRESET ∨⊿∧ ∨ CH ∧

MENU/PRESET ⊿∧
⊿∨

1 Press (MENU/PRESET) for more than two seconds. The language select mode appears.

◆ENGLISH
中 文
FRANÇAIS
РУССКИЙ
BAHASA MELAYU
العربية

2 Press (MENU/PRESET) again to display AUTO mode screen.

• Pressing (MENU/PRESET) changes the screen as shown below.

→ Language → AUTO → MANUAL ¬
└── Normal screen ←

AUTO(B/G)
VHF   1
  48.25MHz

POWER   TV/VIDEO
SAVE

AV MODE

SURROUND

MPX

A B C D

CH∧
CH∨

NORMAL   MENU

MENU

3 Press (⊿∧) / (⊿∨) on TV set.

• All the TV stations in your area that can be received by the TV set are automatically preset between channels 1 to 99.

• The screen shows whatever is on channel 1 when auto channel preset is finished.

1
PAL

NOTE • AUTO PRESET stores all receivable channels including those which may be very weak and not clearly visible. To preset only those channels designated for the local viewing region, use MANUAL PRESET. See **13** .
• Unused channels are automatically skipped.

E 14

Dimension: 176 x 250 mm

Settings and adjustments

Channel setting

Enables individual channel setting.
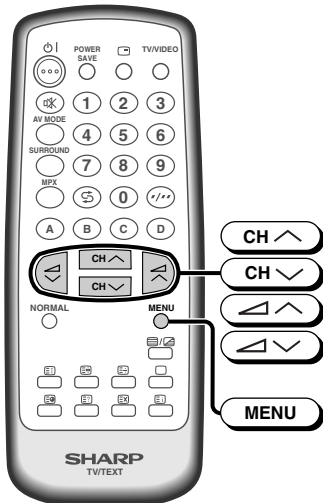
1 Press (MENU) to call MENU screen.

```
MENU

 PICTURE
 SOUND
 FEATURE
 TIMER
◆CH-SETTING
```

2 Press (CH ∧) / (CH ∨) to select "CH-SETTING".

3 Press (⊿ ∧) / (⊿ ∨) to display CH-SETTING menu.

4 Press (CH ∧) / (CH ∨) to select desired setting.

```
CH-SETTING

◆POSITION       CH27
 COLOUR         AUTO
 SKIP           OFF
 FINE           168.25MHz
 NICAM          ON
 A2             ON

˅CH˄:SELECT
˅⊿˄:ADJUST  MENU:RETURN
```

5 Each time you press (⊿ ∧) / (⊿ ∨), setting for individual items changes as follows:

- **POSITION**
  The channel position changes to the higher or lower number.

- **COLOUR**
  AUTO ←→ PAL

- **SKIP**
  ON ←→ OFF
  Channel numbers with a "♣" mark on the left are set to SKIP. To turn off SKIP, press the number buttons to select the desired channel and then set "SKIP" to "OFF".

- **FINE**
  The frequency changes to allow fine tuning.

- **NICAM**
  ON (NICAM sound) ←→ OFF (Monaural TV sound)

- **A2 stereo system**
  The mode changes in the following order:
  ON (A2 stereo sound) ←→ OFF (Monaural TV sound)

6 Press (MENU) until normal screen appears.

- When you select AV1, AV2 or AV3 for the channel position, the CH-SETTING menu changes as shown on the right and the colour mode changes in the following order:

  → AUTO ←→ PAL ←→ N443 ←→ N358 ←

```
CH-SETTING

◆POSITION       AV1
 COLOUR         AUTO

˅CH˄:SELECT
˅⊿˄:ADJUST  MENU:RETURN
```

NOTE ► • Switching COLOUR system:
Set the system to "AUTO" for normal TV reception. The AUTO mode automatically detects the receiving signal system and changes the reception system of the TV set. When the picture is not stable, switching to an appropriate system may improve the picture quality.
• In a weak reception area, or under bad reception conditions, you can change the frequency by fine tuning.
• When using FINE, the channel number changes from green to yellow.
• To return the channel to its original frequency setting, follow the manual channel tuning procedure. See **13**.
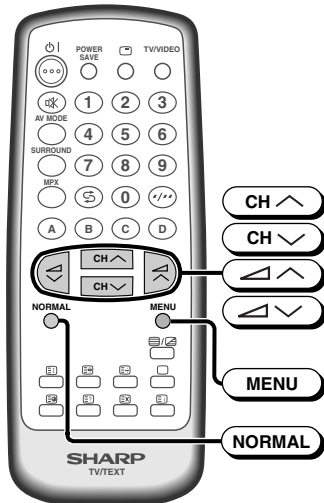
E 15

Dimension: 176 x 250 mm

Picture adjustment

1 Press (MENU) to call MENU screen.

2 Press (CH ∧) / (CH ∨) to select "PICTURE".

```
MENU

◆PICTURE
 SOUND
 FEATURE
 TIMER
 CH-SETTING
```

3 Press (⊿∧) / (⊿∨) to display PICTURE menu.

4 Press (CH ∧) / (CH ∨) to select adjustment items.

```
PICTURE        (STANDARD)

◆CONTRAST         50
 COLOUR            0
 BRIGHTNESS      +10
 TINT
 SHARPNESS       -10
 PICTURE NR       ON
 WHITE TEMP      ◆20
```

5 Adjust using (⊿∧) / (⊿∨).
• Wait for approximately three seconds to return to PICTURE menu.
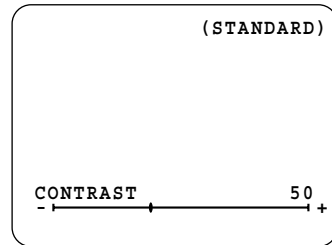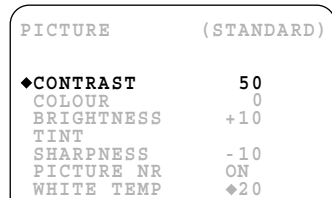
```
                  (STANDARD)




CONTRAST                    50
-├─────────┼────────┤+
```

6 Repeat steps 4 and 5 above to adjust other items.

7 Press (MENU) until normal screen appears.
• When (NORMAL) is pressed while the PICTURE menu is displayed, the setting for the selected item is reset to the standard (factory setting) position.
• When (NORMAL) is pressed while the MENU screen is displayed and "PICTURE" is selected, all the settings for the PICTURE items are reset to the standard (factory setting) position.

The following table lists the adjustment items shown in the PICTURE menu and how they change as you press (⊿∧) / (⊿∨).

Selected item	Press (⊿∨)		Press (⊿∧)
CONTRAST	To decrease contrast	-├──────┼───┤+ ← →	To increase contrast
COLOUR	For less colour intensity	-├──────┼───┤+ ← →	For more colour intensity
BRIGHTNESS	For less brightness	-├──────┼───┤+ ← →	For more brightness
TINT *-1	To move tint toward purple	◆├────┼──┤◇ ← →	To move tint toward green
SHARPNESS	For less sharpness	-├──────┼───┤+ ← →	For more sharpness
PICTURE NR *-2		ON ⟷ OFF	(See note below)
WHITE TEMP	To more reddish background	◆├────┼──┤◇ ← →	To more bluish background

*-1: TINT can only be selected and adjusted when receiving NTSC broadcasts. (AV only)
*-2: Picture Noise Reduction
Noise might be generated on images when playing deteriorated video tapes or when receiving broadcasts with relatively weak signals. In these cases, set PICTURE NR to "ON" to reduce the noise. However, when receiving good images without noise, you can get better image quality by turning OFF this feature.

E 16

Dimension: 176 x 250 mm

Settings and adjustments

Sound adjustment
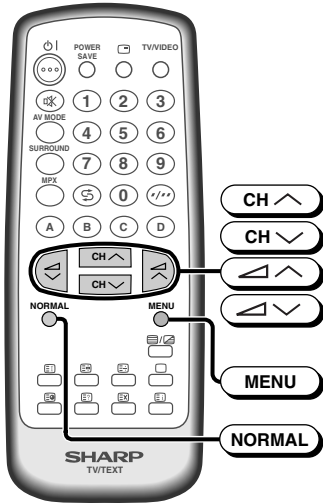
1 Press (MENU) to call MENU screen.

2 Press (CH ⌃) / (CH ⌄) to select "SOUND".

```
MENU

 PICTURE
◆SOUND
 FEATURE
 TIMER
 CH-SETTING
```

3 Press (⊿⌃) / (⊿⌄) to display SOUND menu.

4 Press (CH ⌃) / (CH ⌄) to select adjustment items.

```
SOUND          (STANDARD)

 SURROUND         ON
◆TREBLE          +10
 BASS            -20
 S-BOOSTER        ON
 BALANCE         ▷20
```

5 Adjust using (⊿⌃) / (⊿⌄).
• Wait for approximately three seconds to return to SOUND menu.

```
                (STANDARD)




TREBLE                +10
- ⊢————————⊢•—⊢————————⊣ +
```

6 Repeat steps 4 and 5 above to adjust other items.

7 Press (MENU) until normal screen appears.
• When (NORMAL) is pressed while the SOUND menu is displayed, the setting for the selected item is reset to the standard (factory setting) position.
• When (NORMAL) is pressed while the MENU screen is displayed and "SOUND" is selected, all the settings for the SOUND items are reset to the standard (factory setting) position.

- -

The following table lists the adjustment items shown in the SOUND menu and how they change as you press (⊿⌃) / (⊿⌄).

Selected item	Press (⊿⌄)		Press (⊿⌃)
SURROUND	The surround effect is ON	ON ←→ OFF	The surround effect is OFF
TREBLE	To decrease treble	- ⊢——⊢•—⊢—+ ←— —→	To increase treble
BASS	To decrease bass	- ⊢——⊢•—⊢—+ ←— —→	To increase bass
S-BOOSTER	To boost sound	ON ←→ OFF	Normal sound
BALANCE	To shift balance toward left	▷⊢——⊢•—⊢◁ ←— —→	To shift balance toward right

E 17

Dimension: 176 x 250 mm

Surround sound

Produces a virtual surround sound from the TV's speakers.
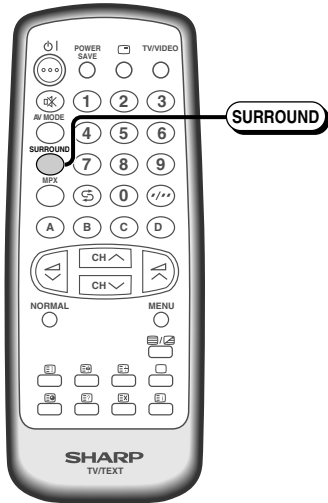
Each time you press (SURROUND) , the mode changes between ON and OFF.

OFF: Produces normal sound.
ON: Produces surround sound.

```
SURROUND
 OFF
```
↓
```
SURROUND
 ON
```
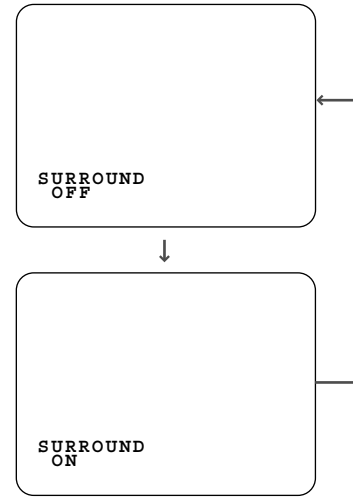
NOTE • Surround sound only work during stereo signal is received.

E 18

SX68NF8(16-25)   18   7/11/02, 2:04 PM
Download from Www.Somanuals.com. All Manuals Search And Download.
Dimension: 176 x 250 mm

Settings and adjustments

Blue screen

Automatically turns the screen blue if a broadcast signal is not received.
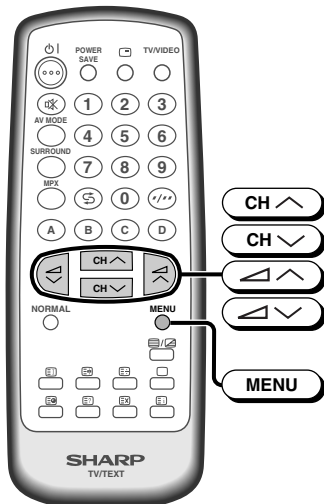
1 Press MENU to call MENU screen.

2 Press CH⌃ / CH⌄ to select "FEATURE ".

```
MENU

 PICTURE
 SOUND
◆FEATURE
 TIMER
 CH-SETTING


⌄CH⌃:SELECT
⌄◁⌃:ENTER   MENU:RETURN
```
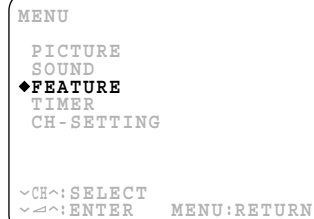
3 Press ⌿⌃ / ⌿⌄ to display FEATURE menu.

4 Press CH⌃ / CH⌄ to select "BLUE BACK".

5 Press ⌿⌃ / ⌿⌄ to select "ON" or "OFF".

```
FEATURE

◆BLUE BACK     ON
 SAVE          ON
 VM            ON
 TEXT          3
 AI            ON

⌄CH⌃:SELECT
⌄◁⌃:ADJUST  MENU:RETURN
```
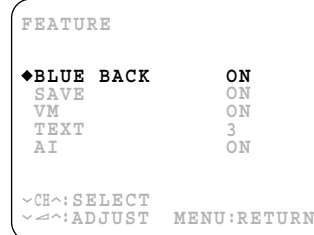
6 Press MENU until normal screen appears.

When BLUE BACK is set to "ON"

No signal		Blue screen		TV off	(Indicator)

after five seconds → after 15 minutes →

Standby mode

Power indicator lights up red

NOTE
• Poor reception due to weak signals and too much noise may activate BLUE BACK, despite the presence of a broadcast signal. To continue watching TV under these conditions, switch "BLUE BACK" to "OFF".
• When Off timer is set, the OFF TIMER setting has priority over BLUE BACK.

E 19

Dimension: 176 x 250 mm

Save

This function reduces the picture brightness to create a softer image while saving electricity.

Using MENU

1 Press MENU to call MENU screen.

2 Press CH⌃ / CH⌄ to select "FEATURE".

```
MENU

 PICTURE
 SOUND
◆FEATURE
 TIMER
 CH-SETTING
```

3 Press ⊿⌃ / ⊿⌄ to display FEATURE menu.

4 Press CH⌃ / CH⌄ to select "SAVE".

5 Press ⊿⌃ / ⊿⌄ to select "ON" or "OFF".
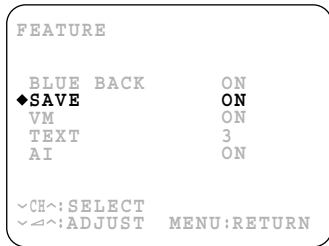
```
FEATURE

 BLUE BACK      ON
◆SAVE           ON
 VM             ON
 TEXT           3
 AI             ON

⌄CH⌃:SELECT
⌄⊿⌃:ADJUST  MENU:RETURN
```

- When SAVE is set "ON", the Power save indicator on the TV set lights up in red.
- When SAVE is set "OFF", the Power save indicator on the TV set is turn off.

6 Press MENU until normal screen appears.

TV Set (Bottom)

Power save indicator (Red)

Using Remote Control

1 Press POWER SAVE to display the SAVE mode screen.

2 Each time you press POWER SAVE, the mode switches between "ON" and "OFF".

```
SAVE
  ON
```

```
SAVE
  OFF
```

- When SAVE is set "ON", the Power save indicator on the TV set lights up in red.
- When SAVE is set "OFF", the Power save indicator on the TV set is turn off.

3 Press ▭ to turn off the SAVE mode screen.

E 20

Dimension: 176 x 250 mm
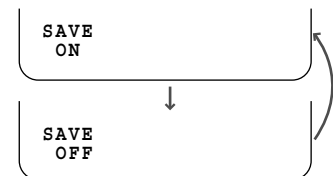
Settings and adjustments

VM (Velocity Modulation)

This function emphasizes the picture outline.
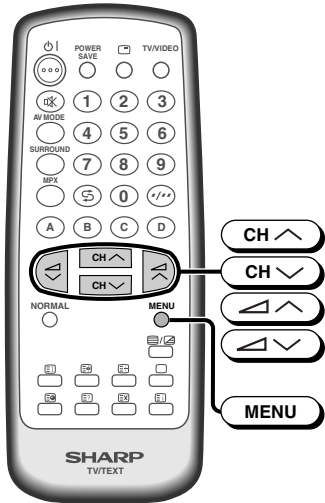
1 Press (MENU) to call MENU screen.

2 Press (CH ⌃) / (CH ⌄) to select "FEATURE".

```
MENU

 PICTURE
 SOUND
◆FEATURE
 TIMER
 CH-SETTING
```

3 Press (⊿⌃) / (⊿⌄) to display FEATURE menu.

4 Press (CH ⌃) / (CH ⌄) to select "VM".

5 Press (⊿⌃) / (⊿⌄) to select "ON" or "OFF".

```
FEATURE

 BLUE BACK       ON
◆SAVE            ON
◆VM              ON
 TEXT            3
 AI              ON

⌄CH⌃:SELECT
⌄⊿⌃:ADJUST   MENU:RETURN
```

6 Press (MENU) until normal screen appears.

CH ⌃
CH ⌄
⊿⌃
⊿⌄
MENU

SHARP
TV/TEXT

NOTE ▶ • If a picture is received with noise, ensure that the VM is set to "OFF".

E 21

Dimension: 176 x 250 mm

Text

This function for you to select the language of Teletext which fit your country.
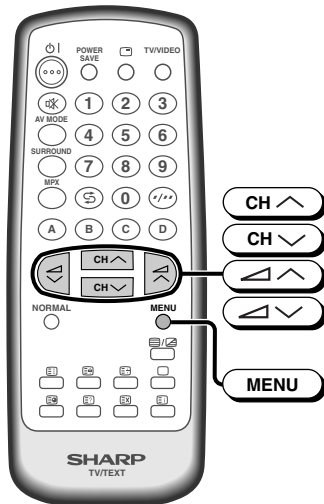
1 Press `MENU` to call MENU screen.

2 Press `CH ∧` / `CH ∨` to select "FEATURE".

```
MENU

  PICTURE
  SOUND
◆FEATURE
  TIMER
  CH-SETTING
```

3 Press `⊿ ∧` / `⊿ ∨` to display FEATURE menu.

4 Press `CH ∧` / `CH ∨` to select "TEXT".

5 Press `⊿ ∧` / `⊿ ∨` to select "1", "2", "3", "4", "5" or "6".

```
FEATURE

  BLUE BACK      ON
  SAVE           ON
  VM             ON
◆TEXT            3
  AI             ON

⌄CH^:SELECT
⌄⌃^:ADJUST   MENU:RETURN
```

6 Press `MENU` until normal screen appears.

See the following tables to select the TEXT-No. which fit your country.

Country	Language Use	TEXT-No.
Australia	English	1
Hong Kong	English	1
Indonesia	English	1
Malaysia	English	1
Malta	English	1
New Zealand	English	1
Singapore	English	1
South Africa	English	1
UK	English	1
Thailand	English/Thai*	1
Austria	German	1
Germany	German	1
Holland	German	1
Denmark	Swedish	1
Finland	Swedish	1
Norway	Swedish	1
Sweden	Swedish	1
Italy	Italian	1
France	French	1
Belgium	French/German	1
Switzerland	French/German/Italian	1
Iceland	Spanish	1
Portugal	Spanish	1
Spain	Spanish	1
Croatia	Latin (Serbo-Croat)	2

* Thai language not support.

Country	Language Use	TEXT-No.
Czech Republic	Czech	2
Romania	Romanian	2
Poland	Polish	3
Estonia	Estonian	3
Latvia	Lettish	3
Lithuanian	Lettish	3
Bulgaria	Russian Cyrillic	3
Russia	Russian Cyrillic	3
Serbia	Cyrillic	3
Turkey	Turkish	5
Cyprus	Greek	5
Greece	Greek	5
U.A.E.	Arabic/English	6
Jordan	Arabic/English	6
Kuwait	Arabic/English	6
Oman	Arabic/English	6
Qatar	Arabic/English	6
Sharjah	Arabic/English	6
Libya	Arabic/(English)	6
Egypt	Arabic/French	6

Countries which do not support teletext

Country	Language Use	TEXT-No.
Hungary	Hungarian	–
Iran	Farsi	–
Israel	Hebrew	–

NOTE • This list above is showing the Teletext language use in the world, but it is not assured that standard regulation of above listed country is satisfied.
• Then some of this TV function cannot be operated for the above listed country.

E 22

Dimension: 176 x 250 mm

Settings and adjustments

AI (Artificial Intelligence)

This function is for correcting the luminance and color gradation of the image in order to reproduce the best image.
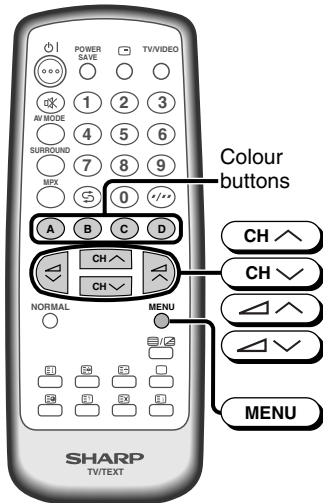
1 Press MENU to call MENU screen.

2 Press CH∧ / CH∨ to select "FEATURE".

```
MENU

 PICTURE
 SOUND
◆FEATURE
 TIMER
 CH-SETTING
```

Colour buttons

3 Press ⊿∧ / ⊿∨ to display FEATURE menu.

4 Press CH∧ / CH∨ to select "AI".

5 Press ⊿∧ / ⊿∨ to select "ON" or "OFF".

```
FEATURE

 BLUE BACK      ON
 SAVE           ON
 VM             ON
 TEXT           3
◆AI             ON

⌄CH∧:SELECT
⌄⊿∧:ADJUST   MENU:RETURN
```

6 Press MENU until normal screen appears.

Favourite channels

The colour buttons can be used to select up to four favourite channels.

1 Press CH∧ / CH∨ to select your favourite channel. (e.g. Channel 12)

2 Press A , for example, until channel number turns to white.
• The display will disappear after three seconds, and then the selected channel is preset.

12
Displayed in green or yellow

3 To watch favourite channel, press A .
• The preset favourite channel will be displayed. (e.g. Channel 12)

12
Turns to white

4 To preset another favourite channel, repeat steps 1 and 2 above.
• To change a preset favourite channel, repeat steps 1 and 2 above.

12

E 23

Dimension: 176 x 250 mm

Off timer

Automatically turns power off after a set length of time has passed.
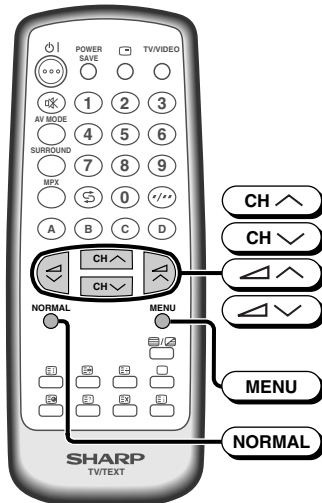
1 Press [MENU] to call MENU screen.

2 Press [CH ∧] / [CH ∨] to select "TIMER".

```
MENU

 PICTURE
 SOUND
 FEATURE
◆TIMER
 CH-SETTING
```

3 Press [◁∧] / [◁∨] to display TIMER menu.

4 Press [CH ∧] / [CH ∨] to select "OFF ⊡ ".

```
TIMER

◆OFF⊡              --:--
 ON ⊡              --:--
  POSITION
  VOLUME
 ⊞                --:--

⌄CH∧:SELECT
⌄◁∧:ADJUST  MENU:RETURN
```

5 Press [◁∧] / [◁∨] to set time for TV to turn off.

• Maximum time that can be preset is 12 hours and 50 minutes.

• As soon as the time is entered, the timer starts to count down.

```
TIMER

◆OFF⊡              2:30
 ON ⊡              --:--
  POSITION
  VOLUME
 ⊞                --:--

⌄CH∧:SELECT
⌄◁∧:ADJUST  MENU:RETURN
```

6 Press [MENU] until normal screen appears.

• Five minutes before the preset length of time expires (in the example, after two hours and 25 minutes), the remaining time appears on the screen.

• A flashing display of the remaining time appears during the last few seconds.

• When the preset length of time has passed, the TV set enters the Standby mode.

```
OFF⊡      0:05
OFF⊡      0:04
OFF⊡      0:03
OFF⊡      0:02
OFF⊡      0:01
-OFF⊡      0:00-
```

Flashing
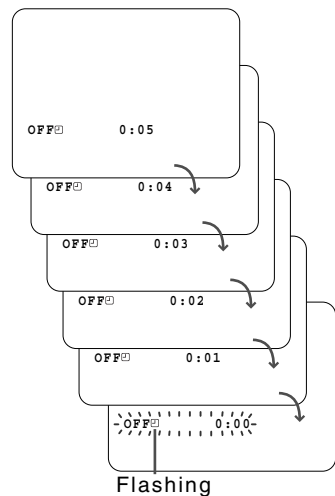
NOTE
• To cancel the timer setting, press (NORMAL) when "◆" is displayed on the left of "OFF ⊡" so as to set the timer to "- - : - -".
• The timer can be set in ten-minute intervals.
• The Off timer is cancelled if the power is turned off or set to the Standby mode using (⏻|) on the remote control or (○|) on the TV set, or if the power is otherwise interrupted.

E 24

Dimension: 176 x 250 mm

Settings and adjustments

On timer

Automatically turns power on after a set length of time has passed.
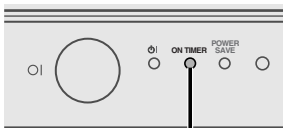
1 Press **MENU** to call MENU screen.

2 Press **CH ∧** / **CH ∨** to select "TIMER".

```
MENU

 PICTURE
 SOUND
 FEATURE
◆TIMER
 CH-SETTING
```

3 Press **⊿∧** / **⊿∨** to display TIMER menu.

4 Press **CH ∧** / **CH ∨** to select "ON ⬒".

```
TIMER

 OFF⬒           --:--
◆ON ⬒           --:--
  POSITION
  VOLUME
 ⬒              --:--
```

5 Press **⊿∧** / **⊿∨** to set time for TV to turn on.

• Maximum time that can be preset is 12 hours and 50 minutes.

• As soon as the time is entered, the timer starts to count down.

```
TIMER

 OFF⬒           --:--
◆ON ⬒           8:00
  POSITION      --
  VOLUME        --
 ⬒              --:--
```

TV Set (Bottom)

On timer indicator
(Red)

6 Press **CH ∧** / **CH ∨** to select "POSITION".

7 Press **⊿∧** / **⊿∨** to set the channel.

```
TIMER

 OFF⬒           --:--
 ON ⬒           8:00
◆ POSITION      CH28
  VOLUME        --
 ⬒              --:--
```

8 Press **CH ∧** / **CH ∨** to select "VOLUME".

9 Press **⊿∧** / **⊿∨** to set volume.

10 Press **⏻∣** to put TV set into Standby mode.

```
TIMER

 OFF⬒           --:--
 ON ⬒           8:00
  POSITION      CH28
◆ VOLUME        20
 ⬒              --:--

⌄CH⌃:SELECT
⌄⊿⌃:ADJUST  MENU:RETURN
```

• The On timer indicator lights up Red.

• When the preset length of time (in the above example, eight hours) has passed, the power turns on and a picture appears on the screen. The On timer speaker volume gradually increases from zero to the preset volume.

NOTE • To cancel the timer setting, press **NORMAL** when "◆" is displayed on the left of "ON ⬒" so as to set the timer to "- - : - -".

• The timer can be set in ten-minute intervals.

• The On timer is cancelled if the power is turned off using **O∣**.

• If the TV set is turned on by the On timer, then the TV set will be automatically turned off in two hours if no buttons are pressed on the TV set or remote control.

E 25

Dimension: 176 x 250 mm

Reminder on-screen timer

Lets you know when a preset length of time has passed by displaying a countdown timer on the screen. This is useful for timer cooking while you watch TV.
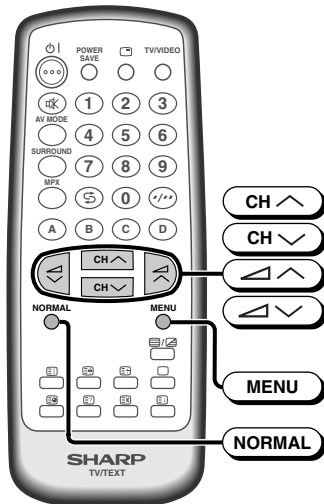
1 Press (MENU) to call MENU screen.

2 Press (CH ⌃) / (CH ⌄) to select "TIMER".

```
MENU

  PICTURE
  SOUND
  FEATURE
◆TIMER
  CH-SETTING
```

3 Press (⊿⌃) / (⊿⌄) to display TIMER menu.

4 Press (CH ⌃) / (CH ⌄) to select "⧖".

```
TIMER

  OFF□               --:--
  ON □               --:--
   POSITION
   VOLUME
◆⧖                   --:--

⌄CH⌃:SELECT
⌄⊿⌃:ADJUST   MENU:RETURN
```

5 Press (⊿⌃) / (⊿⌄) to set time.

- Maximum time that can be preset is 12 hours and 50 minutes.
- The right example shows that the Reminder will be activated after one hour 50 minutes.

```
TIMER

  OFF□               --:--
  ON □               --:--
   POSITION
   VOLUME
◆⧖                   1:50

⌄CH⌃:SELECT
⌄⊿⌃:ADJUST   MENU:RETURN
```

6 Press (MENU) until normal screen appears.

- Five minutes before the preset length of time expires (in the example, after one hour and 45 minutes) and each minute thereafter, the remaining time appears on the screen for several seconds.
- When the preset length of time has passed, "⧖ 0:00" flashes in red.

```
⧖          0:05
⧖          0:04
⧖          0:03
⧖          0:02
⧖          0:01
⧖          0:00
```

Flashing
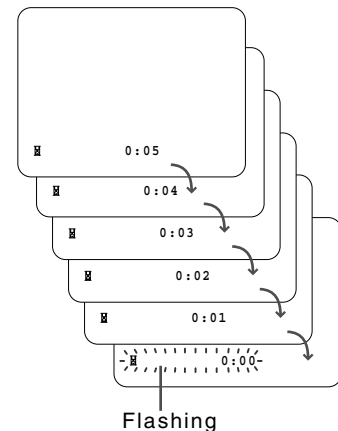
NOTE ➤
- This function also works in the Standby mode. Power is automatically turned on five minutes before the preset length of time expires. The TV set automatically returns to the Standby mode after the preset time.
- The Reminder is cancelled if (OΙ) on the TV set is pressed or if the power is otherwise interrupted.
- The timer can be set in ten-minute intervals.
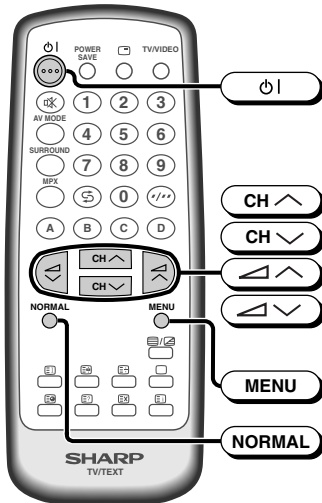- To cancel the timer setting, press (NORMAL) when "◆" is displayed on the left of "⧖" so as to set the timer to "- - : - -".

E 26

Dimension: 176 x 250 mm

Broadcast features

NICAM broadcasts

Enables selection of reception mode when receiving a NICAM-I, -B/G, or -D/K signal.

Stereo

Each time you press MPX **,
the mode switches between
NICAM STEREO and MONO.**

```
4 9
NICAM
STEREO
```
↑↓
```
4 9
MONO
```
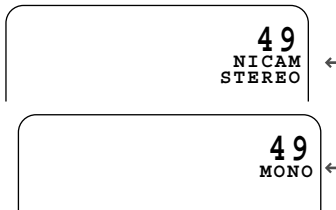
Bilingual

Each time you press MPX **,
the mode switches between M1
(main sound), M2 (sub sound),
and MONO.**

```
4 9
NICAM
M1
```
```
4 9
NICAM
M2
```
```
4 9
MONO
```
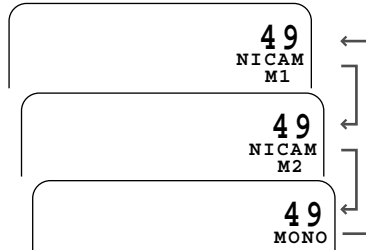
Monaural

Each time you press MPX **,
the mode switches between
NICAM MONO and MONO.**

```
4 9
NICAM
MONO
```
↑↓
```
4 9
MONO
```
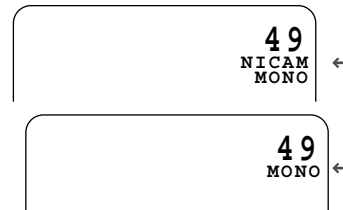
**If the sound quality is poor due to a weak signal or other problems during NICAM
broadcast reception, set "NICAM" to "OFF" to change the TV sound to monaural.**
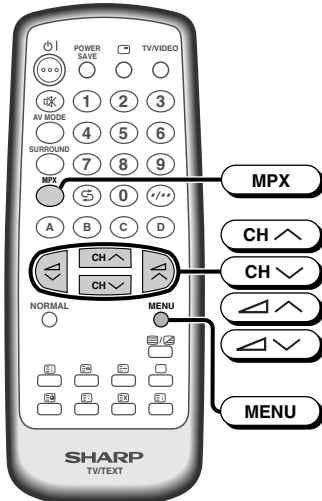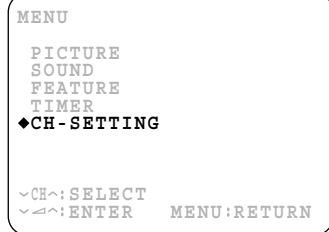
1 Press MENU to call MENU
screen.

2 Press CH∧ / CH∨ to
select "CH-SETTING".

```
MENU

 PICTURE
 SOUND
 FEATURE
 TIMER
◆CH-SETTING


⌄CH∧:SELECT
⌄◁∧:ENTER   MENU:RETURN
```

3 Press ◁∧ / ◁∨ to
display CH-SETTING menu.

4 Press CH∧ / CH∨ to
select "NICAM" .

5 Press ◁∧ / ◁∨ to
select "OFF".

```
CH-SETTING

 POSITION      CH27
 COLOUR        AUTO
 SKIP          OFF
 FINE          168.25MHz
◆NICAM         OFF
 A2            ON
⌄CH∧:SELECT
⌄◁∧:ADJUST  MENU:RETURN
```
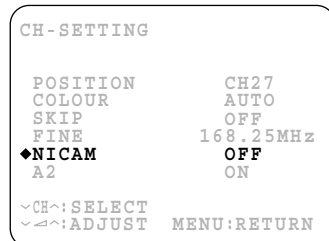
6 Press MENU twice to display
normal screen.

• When set to "OFF", the TV sound is
output in monaural (▼).

```
15
NICAM
▼
```

NOTE • When "NICAM" is set to "OFF" on the CH-SETTING menu, MPX cannot be used to change the
audio mode (stereo and bilingual settings).
• The setting can be selected individually for each channel position.
• NICAM-I: National and regional broadcast system used in the UK and Hong Kong.
• NICAM-B/G: National and regional broadcast system used in the Singapore and New Zealand.

E 27

Dimension: 176 x 250 mm

A2 stereo system broadcasts

Enables selection of reception mode when receiving an A2 stereo signal (B/G).

Stereo

Each time you press (MPX), the mode switches between STEREO and MONO.

```
    4 9
  STEREO
```
↵
```
    4 9
   MONO
```
↵
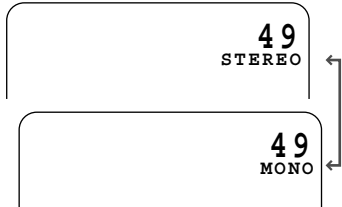
Bilingual

Each time you press (MPX), the mode switches between MAIN or SUB.

```
    4 9
   MAIN
```
↵
```
    4 9
    SUB
```
↵
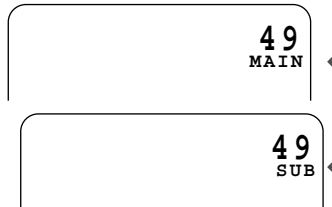
If the sound quality is poor due to a weak signal or other problems during A2 stereo broadcast reception, set "A2" to "OFF" to change the TV sound to monaural.
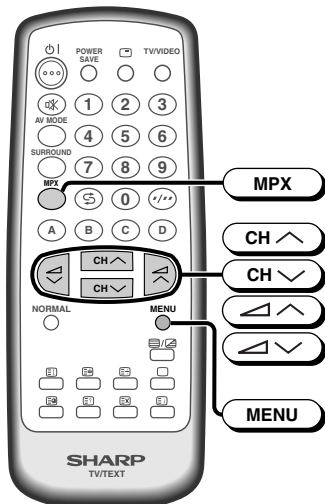
1 Press (MENU) to call MENU screen.

2 Press (CH ⌃) / (CH ⌄) to select "CH-SETTING".

```
MENU

 PICTURE
 SOUND
 FEATURE
 TIMER
◆CH-SETTING


⌄CH⌃:SELECT
⌄◁⌃:ENTER   MENU:RETURN
```

3 Press (⊿⌃) / (⊿⌄) to display CH-SETTING menu.

4 Press (CH ⌃) / (CH ⌄) to select "A2" .

5 Press (⊿⌃) / (⊿⌄) to select "OFF".

```
CH-SETTING

 POSITION        CH27
 COLOUR          AUTO
 SKIP            OFF
 FINE            168.25MHz
 NICAM           ON
◆A2              OFF

⌄CH⌃:SELECT
⌄◁⌃:ADJUST   MENU:RETURN
```
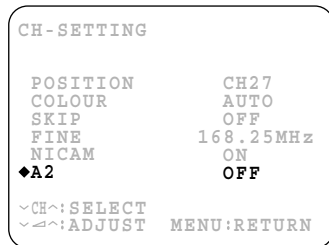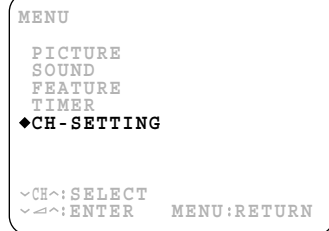
6 Press (MENU) until normal screen appears.
• When set to "OFF", the TV sound is output in monaural (▼).

```
              1 5
               ▾
```
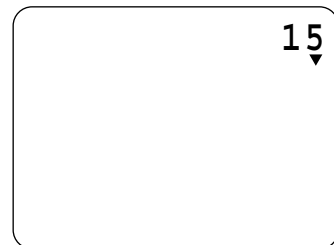
NOTE ➤ • When "A2" is set to "OFF" on the CH-SETTING menu, (MPX) cannot be used to change the audio mode (stereo and bilingual settings).
• The setting can be selected individually for each channel position.
• A2 stereo-B/G: National and Regional broadcast system used in Malaysia, Thailand and Australia.

E 28

                                                          Dimension: 176 x 250 mm

Broadcast features

Teletext broadcasts

Colour buttons (Ⓐ, Ⓑ, Ⓒ, Ⓓ)

• If link-page data are transmitted from the TV station, each link-page can be viewed using the **Colour** buttons.
• If no link-page data are transmitted, pressing a **Colour** button selects the following pages, respectively:

Example:

  If the transmitted pages are P100, P101, P103, P105 and P110, and the current page is P101.

  RED   Ⓐ: From current page jump to the next transmitted page (eg. P103).
  GREEN   Ⓑ: From current page jump to second transmitted page (eg. P105).
  YELLOW Ⓒ: From current page jump to the third transmitted page (eg. P110).
  CYAN   Ⓓ: From current page jump to previous transmitted page (eg. P100).

NOTE

• When using this function, please wait for approximately 30 seconds to set, after the channel is selected.
• The transmitted page can also be selected by pressing (CH ⌃) or (CH ⌄).

(Hold button)

• Press ( ) to freeze the Teletext image presently on the screen.
• Press ( ) again to turn off Freeze mode.

(Index button)

• Press ( ) to display the index page.

(Time button)

• While the TV is in Text, Mix, or Cancel mode, use ( ) to specify the subcode (S****) for Teletext pages transmitted in Multi-page mode.
Enter the desired subcode using the **numeric** buttons (0-9).
• If the TV station currently being viewed is broadcasting Teletext, the present-time information can be displayed on the screen by pressing ( ).

(Reveal button)

• Press ( ) to display hidden information, such as the answers to a quiz.
• Press ( ) a second time to hide the displayed information.
• Press ( ) a third time to return to the start of the sequence.

Text Page Selectors (0–9)

• While the TV is in Text, Mix, or Cancel mode, the **number** buttons (0-9) can be used to directly select a page of the Teletext broadcast that has a 3-digit number.

(Cancel button)

• Press ( ) to return to TV mode, and the **number** buttons (0-9) and **Colour** buttons to select Teletext pages.

(Top/Bottom/Full button)

• Press ( ) to enlarge the top half of the Teletext image presently on the screen.
• Press ( ) a second time to enlarge the bottom half of the Teletext image presently on the screen.
• Press ( ) a third time to restore the regular Teletext image.
• Press ( ) a fourth time to return to the start of the sequence.

(Text/Mix button)

• Press ( ) to display the initial page of a Teletext broadcast.
• Press ( ) again to simultaneously display the TV picture and Teletext in a mix screen format.

(Picture button)

• Press ( ) when in Teletext, Mix or Cancel mode to return to TV mode. If ( ) is pressed next, the previous page of the Teletext broadcast is re-displayed.

(Reset button)

• Press ( ) to return to TV mode.
If ( ) is pressed next, the initial page of the Teletext broadcast is re-displayed.

NOTE • While On-screen displays are appeared on the screen and teletext button is pressed, only the teletext is appeared.

E 29

SX68NF8(26-32)   29   26/11/02, 4:13 PM
Download from Www.Somanuals.com. All Manuals Search And Download.
Dimension: 176 x 250 mm

Connections

Connecting to a DVD player

The DVD input terminals (COMPONENT-IN) on the rear of the TV can be used to input high-quality images from a DVD player.

DVD input terminals

To audio out (L/R) terminals

To colour-difference (component video) out terminals
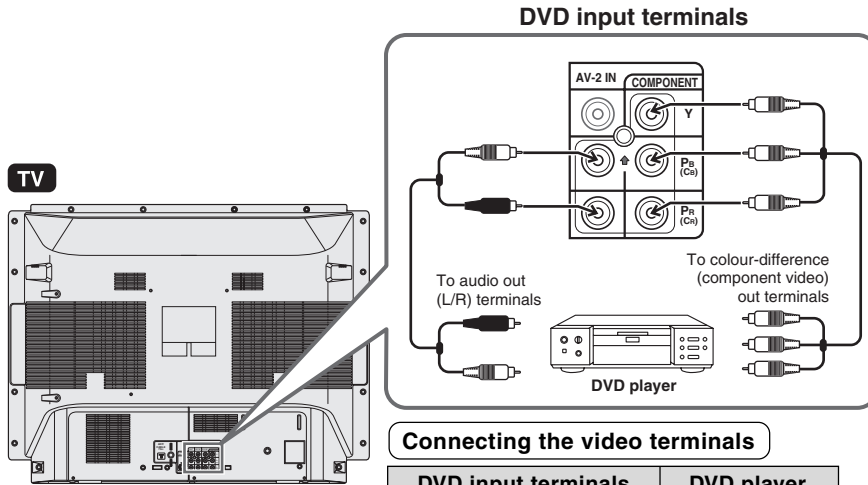
DVD player

Connecting the video terminals

DVD input terminals		DVD player
COMPONENT-IN VIDEO	Y	Y or Y/Y
	$P_B(C_B)$	$P_B(C_B)$ or B-Y/Pb
	$P_R(C_R)$	$P_R(C_R)$ or R-Y/Pr

Watching DVD Playback

1 Press TV/VIDEO to select "COMPONENT", DVD input screen.
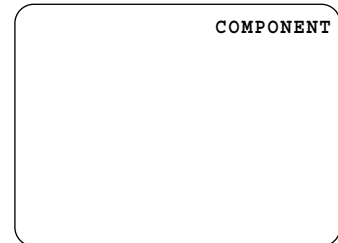
COMPONENT

2 Turn on the DVD player and begin playback.
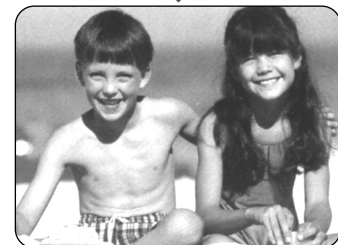
NOTE
• When connecting the TV to a DVD player via the Component-in terminals, the video and audio from the DVD player cannot be output through the Audio/Video out terminals on the TV.
• Please refer to the operation manual of your DVD player for more information.
• Be sure to fully insert the plugs of the connecting cables into the terminals on the TV set and video equipment. Failure to do so may result in noise.
• Before connecting the cables, turn off the power of the TV set and video equipment.
• Always remove the cables from the terminals by the plugs and not the cables themselves.

E 30

Dimension: 176 x 250 mm

Connections

Connecting to an antenna

To enjoy a clearer picture, use an outdoor antenna. The following is a brief explanation of the types of connections that are used for coaxial and feeder cables.

If your outdoor antenna uses a 75-ohm coaxial cable with a standard DIN45325 plug (IEC 169-2), plug it into the antenna jack at the rear of the set.
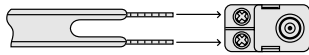
If your outdoor antenna uses a 300-ohm twin-lead flat feeder, connect a 300-ohm to 75-ohm impedance converter and plug it into the antenna jack at the rear of the set.

TV

Standard DIN45325 plug (IEC169-2)

75-ohm coaxial cable (round cable) (not supplied)

300-ohm twin-lead flat feeder (not supplied)

75-ohm impedance converter (not supplied)

ANT/ CABLE 75Ω
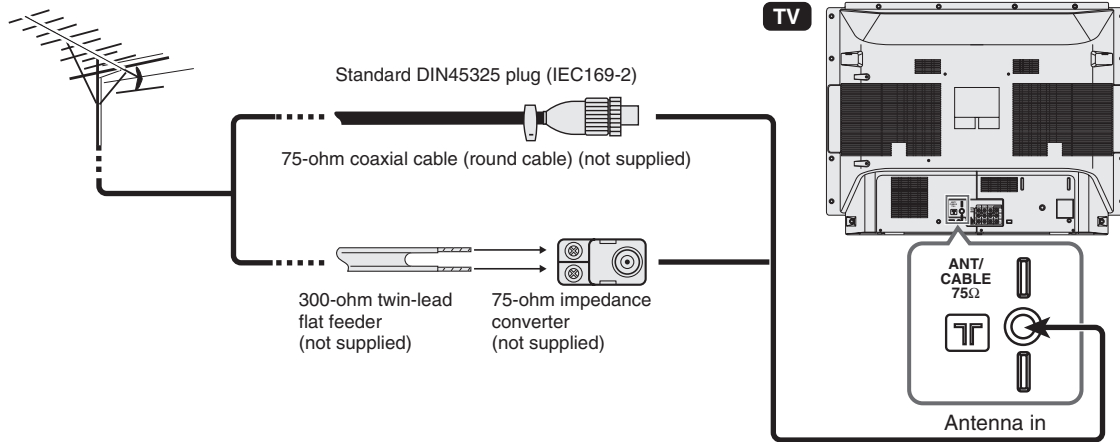
Antenna in

Connecting to an antenna via a VCR

You can also connect the TV set to the tuner on a VCR using the connection shown below.

VCR

TV

To antenna in terminal

ANT/ CABLE 75Ω

To RF out terminal

Antenna in
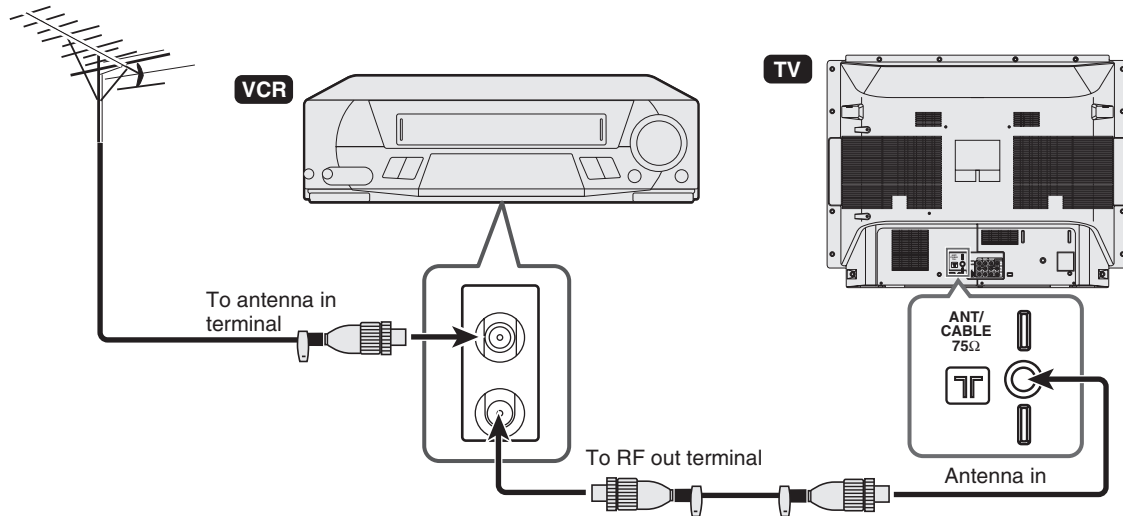
NOTE ▶ • When using the RF terminal connection, set the TV to channel zero to make initial adjustments for the VCR.
• Turn off the power on the TV set and the VCR being connected before making the above connections. Be sure the cord plugs are fully inserted in the connection terminals.
• See the operation manual of your VCR for connection details.

E 31

Dimension: 176 x 250 mm

Connecting to video equipment

Enjoy playback from a video disc player, VCR or other video equipment by connecting them to this TV set using the Audio/Video in terminals.

Example use of front terminals

TV

DVD Player   VCR

Camcorder   Video Game

GAME

Behind the door

AV-3 IN

S-VIDEO   VIDEO   (MONO)L-AUDIO
AV-3 IN

To Audio out terminals

To S-Video
out terminals
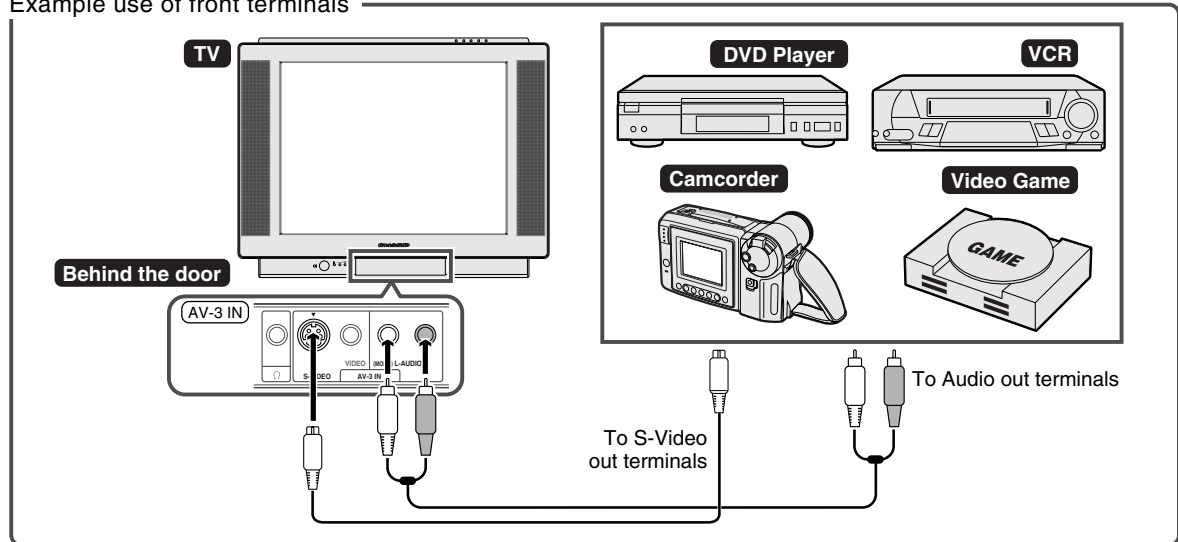
Example use of rear terminals

TV

VCR

For Recording and Editing

VCR

OUT   AV-1 IN   AV-2 IN

S-VIDEO
(AV-1 IN)

To Audio/Video
out terminals

To Audio/
Video in
terminals

To Audio
out terminals

For Playback

DVD Player

To S-Video out terminals
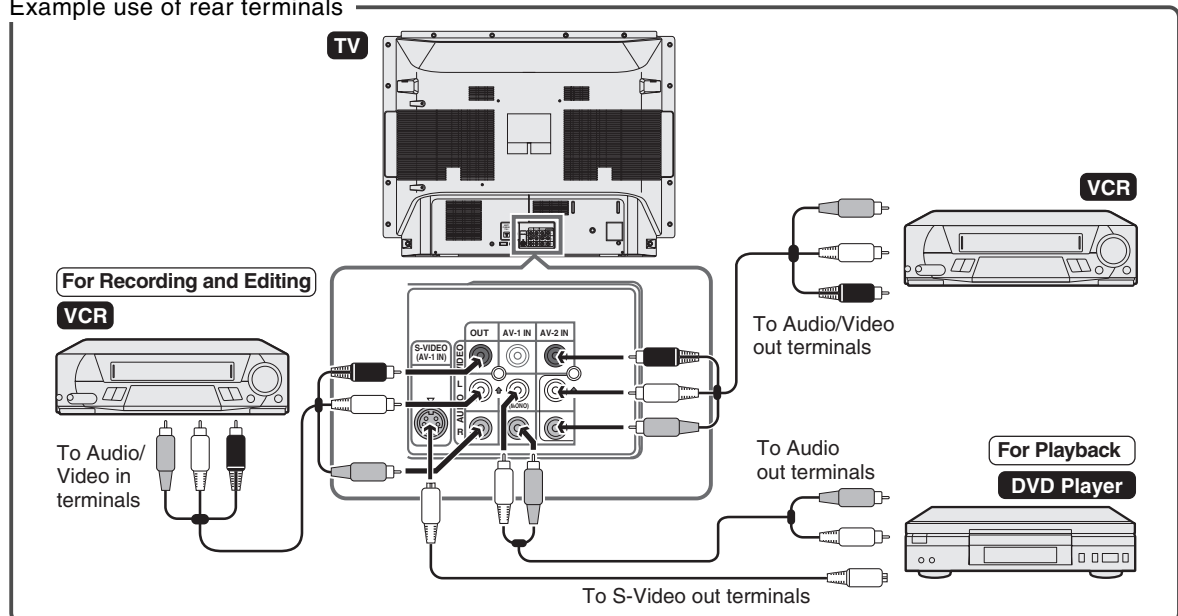
NOTE
- The S-Video Terminal has the priority over the AV terminal.
- The S-Video Terminal and Audio (L-R) terminals must be connected to playback DVD.
- Turn off the power on the TV set and the VCR being connected before making the above connections. Be sure the cord plugs are fully inserted in the connection terminals.
- For playback of monaural audio, connect the external source to the audio input left terminal on the front or rear of the TV set (MONO) to hear the same sound from both speakers.
- The audio visual cords required to connect the TV set with video equipment may differ from those shown in the above diagram. See the operation manual of your video equipment for connection details.
- The above recording and editing connections are for intended solely for personal use and not for the illegal copying of audiovisual material protected by copyright laws.

E 32

Dimension: 176 x 250 mm

🔲 Troubleshooting

The following problems do not always indicate a hardware failure. Therefore, please use the troubleshooting guide below before calling for repair service.
If, after following the guide none of the remedies work, unplug the TV set and call for service.

Quick Service Check List

Possible Causes/Remedies	Remote control does not work.	Bars on screen	Picture distorted.	Picture rolls vertically.	No colour	Poor reception on some channels	Picture weak.	Picture lines or streaks	Picture ghosting	Picture blurred.	Sound OK, picture poor.	Picture OK, sound poor.	No picture or sound
Try a new channel to check for possible station trouble.			●	●	●	●	●	●	●	●	●	●	●
TV not plugged in. Outlet power OFF.	●												●
POWER switch of TV not ON.	●												●
Antenna not connected to terminal at the rear of the TV set.				●	●	●		●			●		●
If outside antenna is used, check for broken wires.		●	●	●	●	●	●	●	●	●	●		●
Check for local interference.		●		●		●		●	●		●	●	
Turn OFF using the **POWER** switch, then turn ON again after a minute.	●												●
Adjust COLOUR control.					●		●				●		
Check batteries in the remote control.	●												
Try fine tuning to correct.			●		●		●			●	●		
Contrast setting in picture mode might be all the way to the minus side. Press the **NORMAL** button on the remote control to correct.											●		●
Increase the volume.												●	●

NOTE ▸ • This unit is equipped with a microprocessor. Its performance could be adversely affected by external electrical noise or interference. If this should happen, unplug the unit and plug it in again after a few minutes.

E 33

Dimension: 176 x 250 mm

📏 Specifications

MODEL		SX68NF8
Receiving System		
	TV Broadcasts/ VCR Playback	PAL-B/G
	VCR Playback (Using Video-in terminals)	PAL 60 Hz NTSC 3.58 MHz NTSC 4.43 MHz
	Laserdisc Player Playback (Using RF-in terminals)	PAL 5.5 MHz/60 Hz
	VCR Playback (Using S-Video in terminal)	S-VIDEO NTSC 3.58 MHz S-VIDEO NTSC 4.43 MHz S-VIDEO PAL
	Special VCR and VDP Playback	Video-in 50/60 Hz S-Video in 50/60 Hz
	Stereo Broadcast	A2 stereo-B/G NICAM-I, B/G, D/K
Reception Channels		
	PAL-B/G VHF	AU0–AU12 ch, NZ1–NZ11 ch
	UHF	E21–E69 ch
	CATV	S1–S20 ch, S21–S41 ch (Hyper)
Receiving Frequency		44.25 MHz – 863.25 MHz
Teletext Language		Multi Language
Channel Tuning		100-Channel Electronic Tuner with Full Auto Tuning System
Picture Tube		68cm, Flat CRT
Terminals		Audio/video input × 3 (front × 1, rear × 2) , DVD input (COMPONENT-IN) × 1 (rear) Audio/video output × 1 (rear) , Headphone jack (front × 1) , S-video input × 2 (front × 1, rear × 1)
Sound Output		5 W (RMS) × 2, total 10 W (RMS)
Power Source		AC 220 – 240V, 50 Hz
Power Consumption		XXX W
Power Consumption during Standby Mode		Less than 1 W
Dimensions		759 (W) × 585 (H) × 497 (D) mm
Weight		45 kg (Approx.)

NOTE
- Design and specifications are subject to change without notice.
- Receiving system: These receiving systems, encompassing all currently available technology, include those with planned broadcast, videotape and laserdisc hardware and software.
- Reception channels: Some examples of the main receivable channels are shown above.

E 34

Dimension: 176 x 250 mm

SHARP

WARRANTY
Consumer Electronic Products

Congratulations on Your Purchase!

This Sharp product is warranted against faults in materials and manufacture for a period of twelve (12)* months from the date of original purchase.

If service is required during the warranty period, please contact your nearest Sharp Approved Service Centre. These repairs would be carried out at no charge to the owner, subject to the conditions specified herein.

The owner is responsible for any transportation and insurance costs if the product has to be returned for repair.

This warranty does not extend to accessories or defects or injuries caused by or resulting from causes not attributable to faulty parts or the manufacture of the product, including but not limited to, defect or injury caused by or resulting from misuse, abuse, neglect, accidental damage, improper voltage, liquid spillage, vermin infestation, software, or any alterations made to the product which are not authorised by Sharp.

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DO NOT RETURN THIS PAGE TO SHARP

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Serial No.————————————————————

Date of Purchase——————————————————

Retailer————————————————————

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Dimension: 176 x 250 mm

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