SONY®

3-810-564-**11** (1)

Trinitron® Color TV

Operating Instructions

KV-F25
KV-F29

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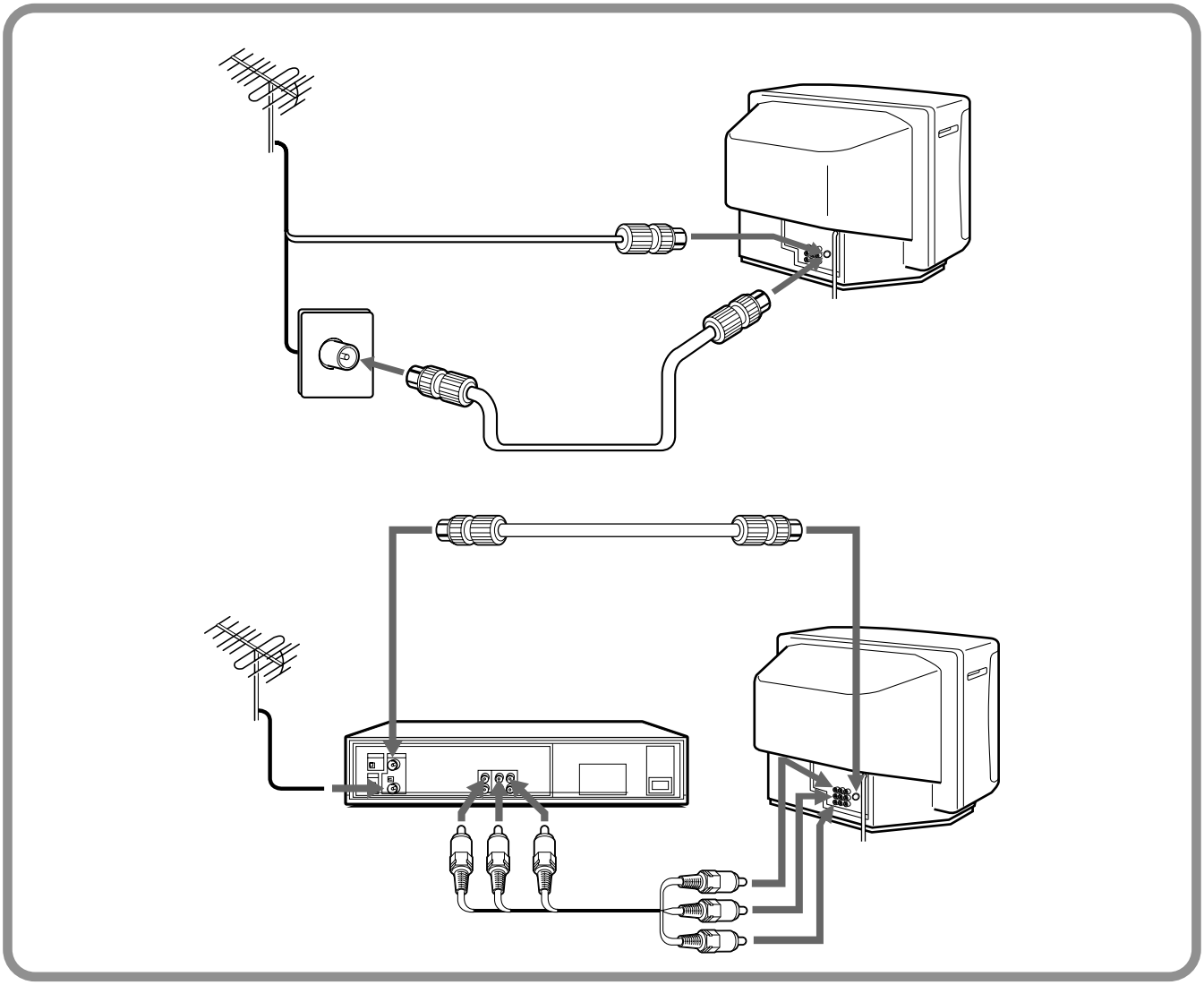
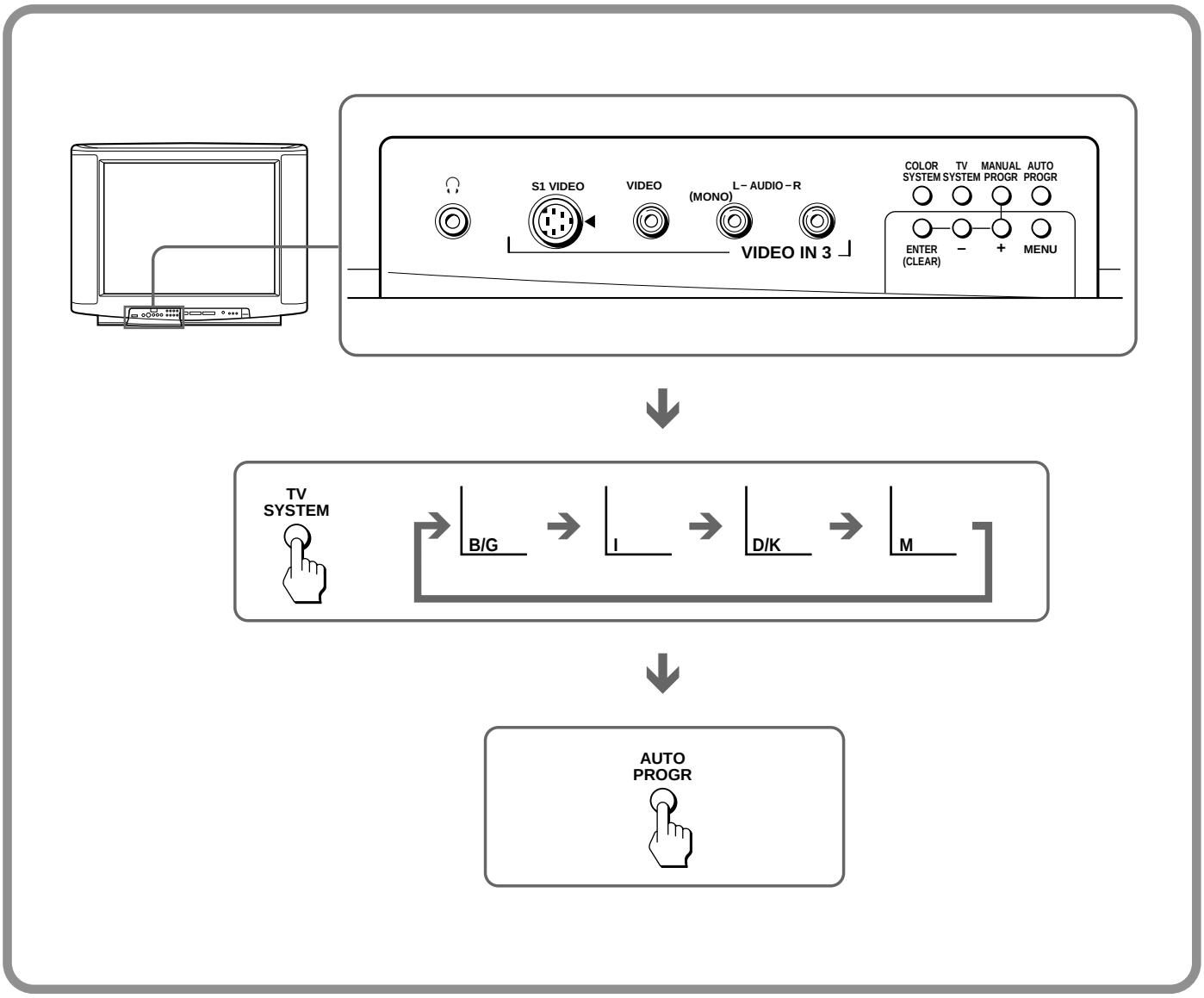
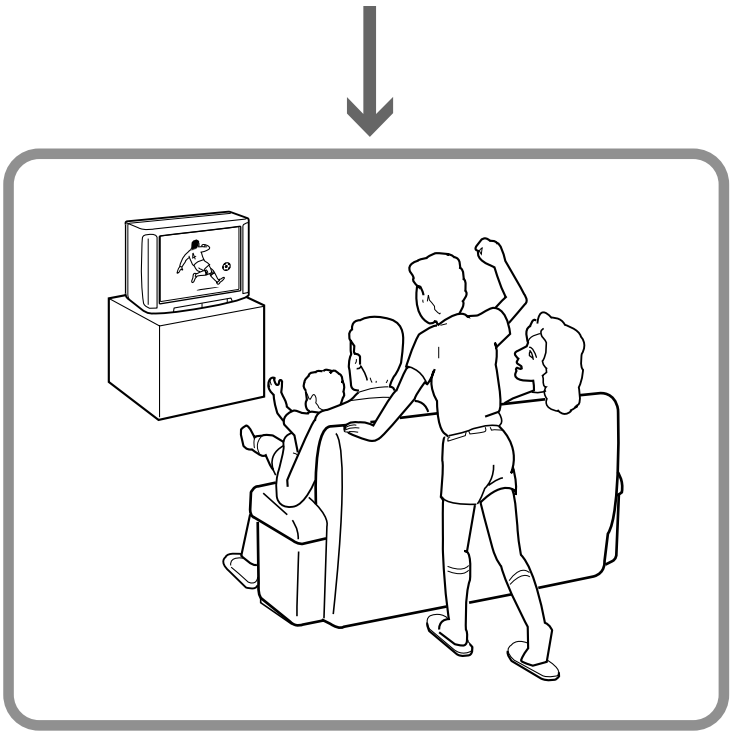
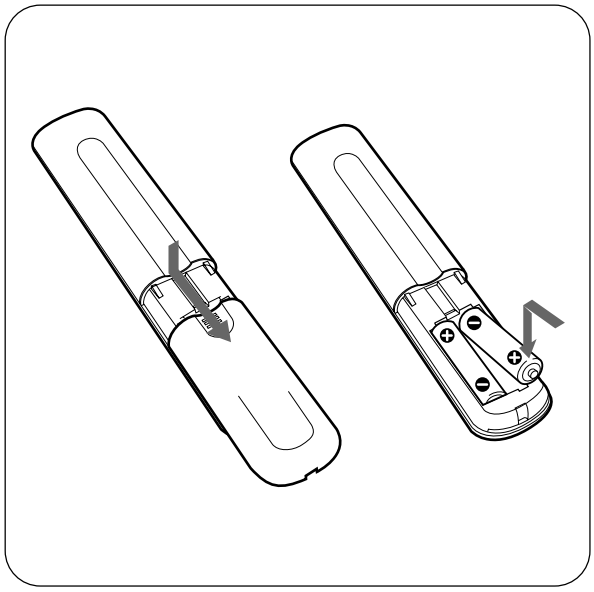
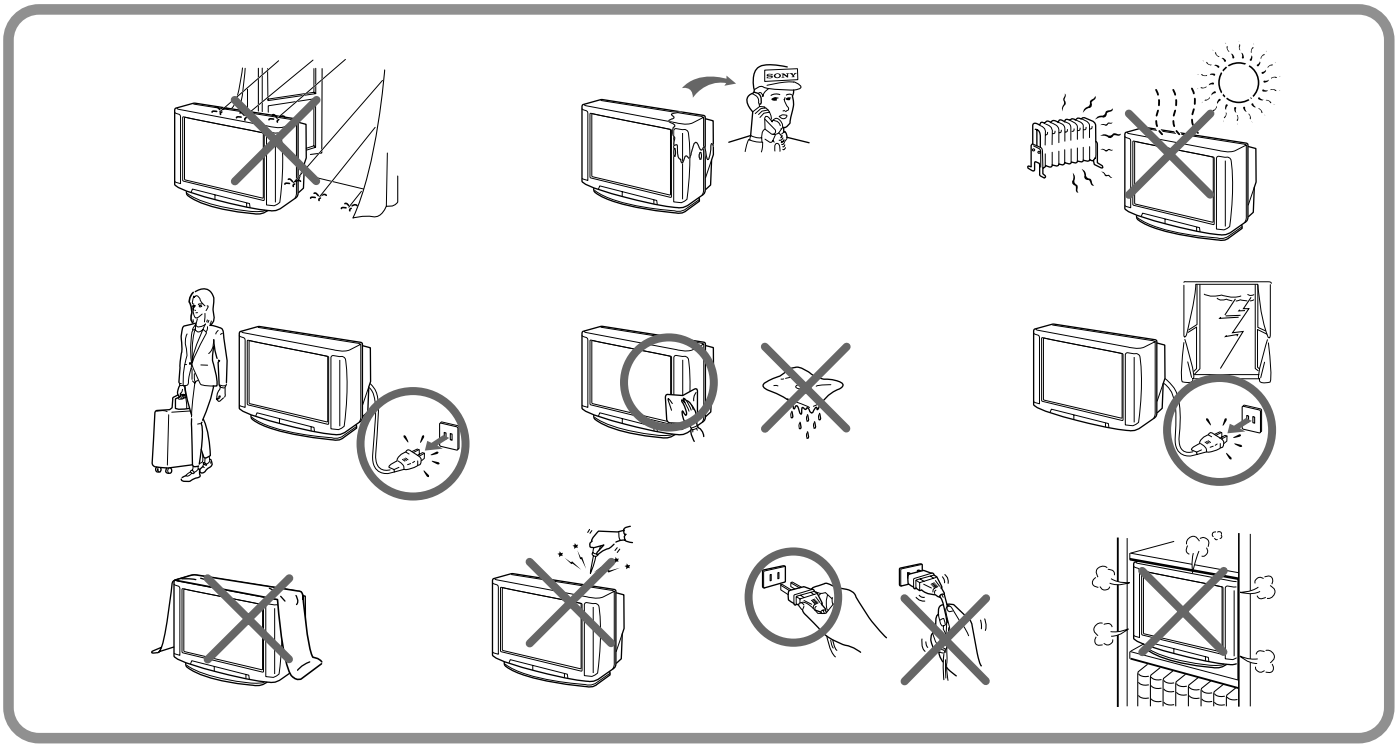
MN11




S1 VIDEO
VIDEO
L – AUDIO – R
(MONO)
VIDEO IN 3
COLOR SYSTEM
TV SYSTEM
MANUAL PROGR
AUTO PROGR
ENTER (CLEAR)
–
+
MENU
TV SYSTEM
B/G
I
D/K
M
AUTO PROGR






SONY

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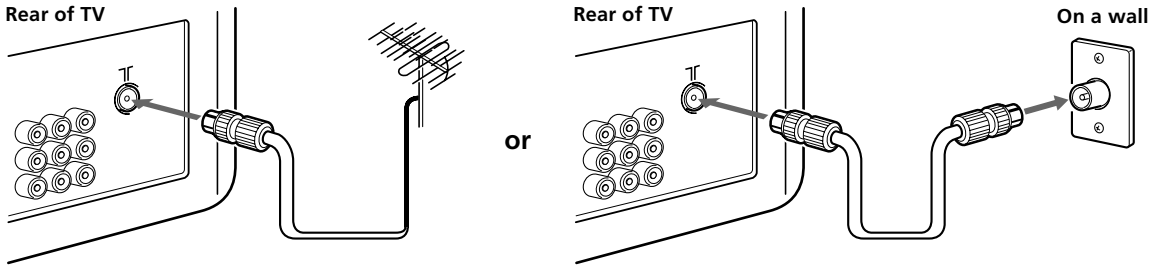
Connections

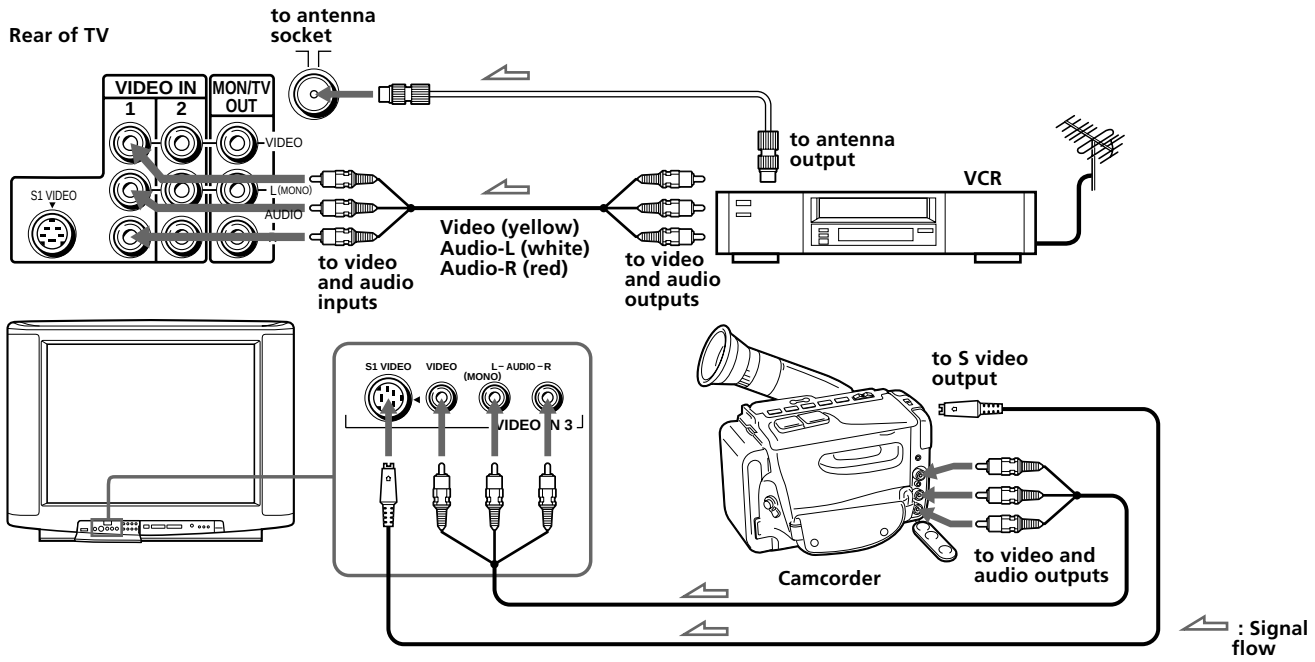
Connecting a VHF antenna or a combination VHF/UHF antenna — 75-ohm coaxial cable (round)

Attach an optional IEC antenna connector to the 75-ohm coaxial cable.
Plug the connector into the ⊤ (antenna) socket at the rear of the TV.



Connecting optional equipment

You can connect optional audio/video equipment to your TV such as a VCR, multi disc player, camcorder, headphones, or stereo system.



When connecting a monaural VCR

Connect the yellow plug to VIDEO and the black plug to AUDIO-L (mono).

When both S1-Video and video signals are input

The S1-Video input signal is selected. To view a video signal, disconnect the S1-Video connection.

Note on the S1-Video signal

When inputting the S1-Video signal through the VIDEO IN 1 or VIDEO IN 3 jack, turn wide mode OFF if you do not want to display the picture in wide mode (see page 17).

Note on the video input

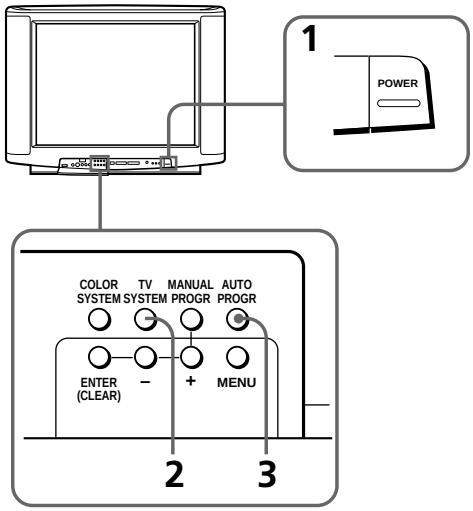
When no signal is input, the screen becomes blue.

Presetting channels

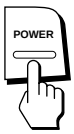
You can preset TV channels easily by storing all the receivable channels automatically. You can also preset channels manually or disable program positions.

Presetting channels automatically

You can preset up to 100 TV channels in numerical sequence from program position 1.

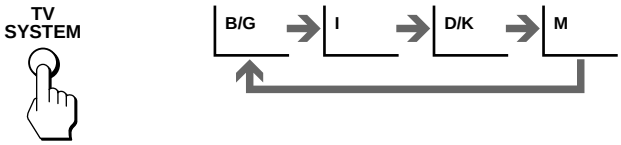


1 Press POWER.

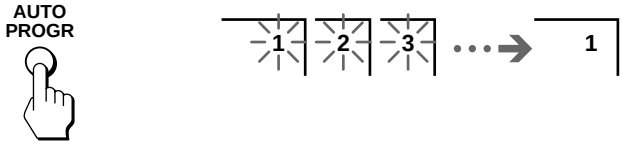


When the TV is in standby mode after pressing POWER, press POWER on the remote commander.

2 Press TV SYSTEM to select your local TV system.



3 Press AUTO PROGR.



To start presetting channels automatically from the specified program position

1 Press MANUAL PROGR.
2 Press TV SYSTEM to select your local TV system.
3 Press PROGR +/– to select the program position.
4 Press AUTO PROGR.

Presetting channels manually

To change the program position for a channel or to receive a channel with a weak signal, preset the channel manually.

1 Press MANUAL PROGR.

2 Press PROGR +/– until the required program position appears on the screen.

3 Press TV SYSTEM to select your TV system.

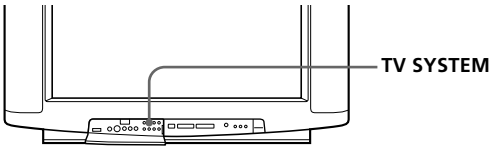
4 Press + or – until the required channel picture appears on the screen.

5 Press MANUAL PROGR.

If the TV system is not properly selected

The color of the picture may be poor and/or the sound may be noisy. In this case, select the appropriate TV system.

1 Press PROGR +/– to select the program position.
2 Press TV SYSTEM until the picture and sound become normal.



Note

- The setting of the TV SYSTEM is memorized for each program position.

Disabling program positions

By disabling unused or unwanted program positions, you can skip those positions when you press PROGR +/–.

1 Press PROGR +/– until the unused or unwanted program position appears on the screen.

2 Press MANUAL PROGR.

3 Press ENTER (CLEAR) on the TV.

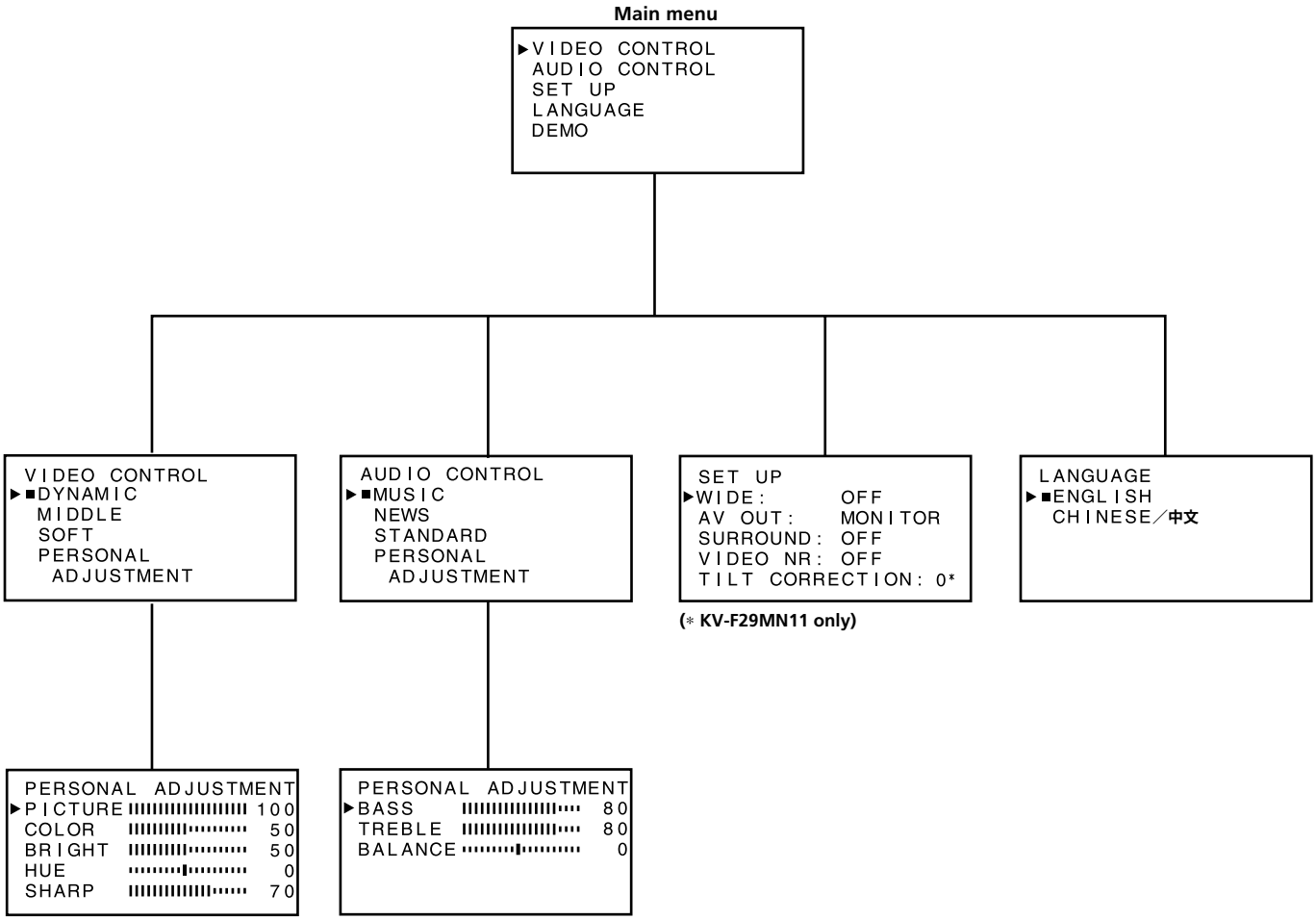
4 Press MANUAL PROGR.

To cancel the skip setting

Preset the channel manually or automatically again.

Introducing the menu

You can use the on-screen menus to set the picture quality, sound, and other settings. You can use buttons on both the remote commander and the TV to operate the menus.



Getting back to the previous menu

Move the cursor (▶) up to the first line of each menu (except the main menu), and press ENTER.

Notes

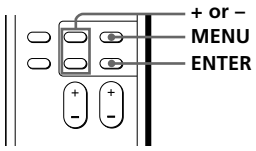
- If more than 60 seconds elapse after you press a button, the menu screen disappears automatically.
- You can display all of the features available for the TV in DEMO mode.

Cancelling the menu screen

Press MENU.

Changing the menu language

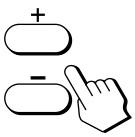
If you prefer Chinese to English, you can change the menu language. You can use buttons on both the remote commander and the TV.



1 Press MENU.

```
▶VIDEO CONTROL
 AUDIO CONTROL
 SET UP
 LANGUAGE
 DEMO
```

2 Press + or – to move the cursor (▶) to LANGUAGE.

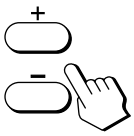


```
 VIDEO CONTROL
 AUDIO CONTROL
 SET UP
▶LANGUAGE
 DEMO
```

3 Press ENTER.

```
 LANGUAGE
▶■ENGLISH
  CHINESE／中文
```

4 Press + or – to select CHINESE.



```
 LANGUAGE
 ■ENGLISH
▶ CHINESE／中文
```

5 Press ENTER.

```
 LANGUAGE
  ENGLISH
▶■CHINESE／中文
```

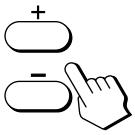
6 Press MENU to return to the normal screen.

Getting back to the English menu

1 Press MENU.

```
▶VIDEO CONTROL
 AUDIO CONTROL
 SET UP
 LANGUAGE
 DEMO
```

2 Press + or – to move the cursor (▶) to the fourth line from the top (“ /LANGUAGE”).



```
 VIDEO CONTROL
 AUDIO CONTROL
 SET UP
▶LANGUAGE
 DEMO
```

3 Press ENTER.

```
 LANGUAGE
▶■ENGLISH
  CHINESE／中文
```

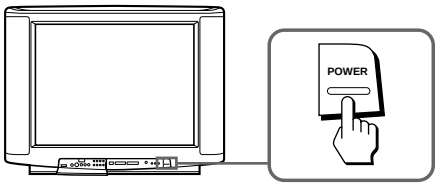
4 Press ENTER.

```
 LANGUAGE
  ENGLISH
▶■CHINESE／中文
```

5 Press MENU to return to the normal screen.

Watching the TV

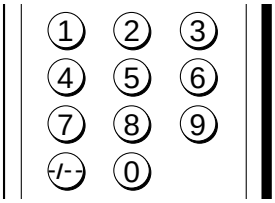
1 Press POWER to turn the TV on.



When the TV is in standby mode after pressing POWER, press POWER on the remote commander.

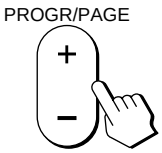
2 Select the TV channel you want to watch.

To select a channel directly
Press a number button.

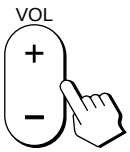


To select a two-digit channel, press "-/--" before the number buttons.
For example: to select channel 25, press "-/--," and then "2" and "5."

To scan through channels
Press PROGR/PAGE +/– until the channel you want appears.

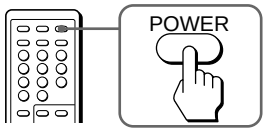


3 Press VOL +/– to adjust the volume.

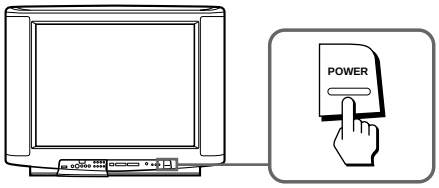


Switching off the TV

To switch off the TV temporarily, press POWER on the remote commander.

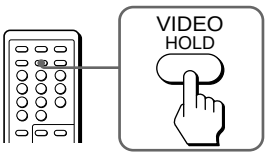


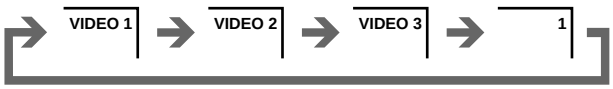
To switch off the TV completely, press POWER.
If the power on the TV is turned off in standby mode, the STANDBY indicator may remain alight for a while.



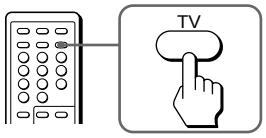
Watching the video input

Press VIDEO/HOLD.



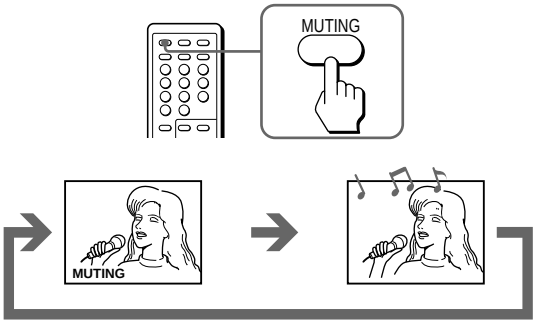


To watch TV, press TV.



Muting the sound

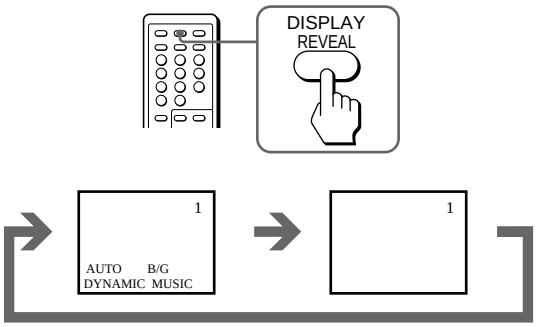
Press MUTING.



Displaying on-screen information

Press DISPLAY/REVEAL.

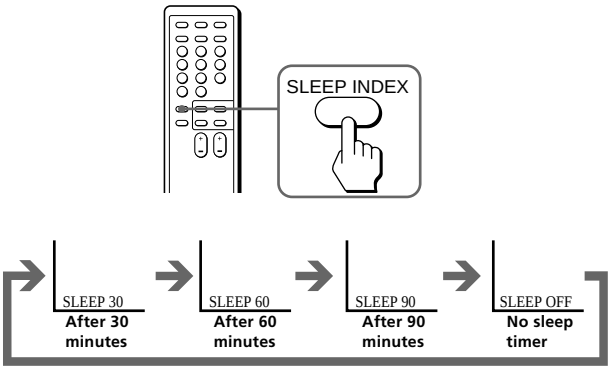
The program position, local system, and TV settings are displayed on the screen.



Setting the Sleep Timer

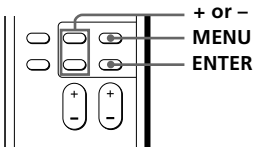
You can set the TV to turn off automatically after the period of time you set.

Press SLEEP/INDEX.



To cancel the Sleep Timer, press SLEEP/INDEX repeatedly until "SLEEP OFF" appears, or turn the TV off.

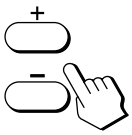
Adjusting the picture



1 Press MENU.

```
▶VIDEO CONTROL
 AUDIO CONTROL
 SET UP
 LANGUAGE
 DEMO
```

2 Press + or – to move the cursor (▶) to VIDEO CONTROL.




```
▶VIDEO CONTROL
 AUDIO CONTROL
 SET UP
 LANGUAGE
 DEMO
```

3 Press ENTER.

```
 VIDEO CONTROL
▶■DYNAMIC
  MIDDLE
  SOFT
  PERSONAL
   ADJUSTMENT
```

4 Press + or – to select the setting, and press ENTER.

Select	To
DYNAMIC	Display more contrast picture
MIDDLE	Display normal contrast picture
SOFT	Display picture suitable for movies and video games
PERSONAL	Display the picture that is adjusted using ADJUSTMENT
ADJUSTMENT	Make specific adjustments. See "Adjusting the picture setting (ADJUSTMENT)."

5 Press MENU to return to the normal screen.

Adjusting the picture setting (ADJUSTMENT)

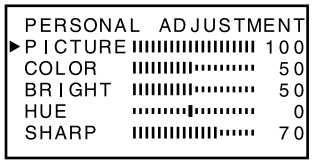
You can adjust the picture to your own taste with the ADJUSTMENT option. The adjusted settings are stored in the PERSONAL option.

1 Press MENU.

2 Press + or – to move the cursor (▶) to VIDEO CONTROL, and press ENTER.

3 Press + or – to move the cursor (▶) to ADJUSTMENT, and press ENTER.

4 Press + or – to move the cursor (▶) to the item you want to adjust, and press ENTER.



5 Press + or – to adjust the item, and press ENTER.

Item	Press + to	Press – to
PICTURE	Increase picture contrast	Decrease picture contrast
COLOR	Increase color intensity	Decrease color intensity
BRIGHT	Brighten the picture	Darken the picture
HUE	Make skin tones become greenish	Make skin tones become reddish
SHARP	Sharpen the picture	Soften the picture

6 To adjust other items, repeat steps 4 and 5.

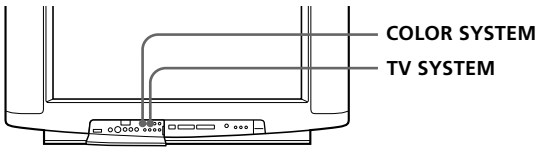
7 Press MENU to return to the normal screen.

Note

- You can adjust HUE for NTSC color system only.

If the color of the picture is abnormal

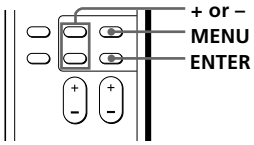
When receiving programs through the ╖ terminal: Press TV SYSTEM or COLOR SYSTEM until the color becomes normal.



Note

- Normally set COLOR SYSTEM to AUTO.

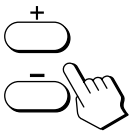
Adjusting the sound



1 Press MENU.

```
▶VIDEO CONTROL
 AUDIO CONTROL
 SET UP
 LANGUAGE
 DEMO
```

2 Press + or – to move the cursor (▶) to AUDIO CONTROL.




```
 VIDEO CONTROL
▶AUDIO CONTROL
 SET UP
 LANGUAGE
 DEMO
```

3 Press ENTER.

```
 AUDIO CONTROL
▶■MUSIC
  NEWS
  STANDARD
  PERSONAL
   ADJUSTMENT
```

4 Press + or – to select the sound that you want, and press ENTER.

Select	To
MUSIC	Listen to music programs.
NEWS	Listen to news program. A person's voice can be heard clearly.
STANDARD	Listen to sound other than music or news.
PERSONAL	Listen to the sound that is adjusted using ADJUSTMENT.
ADJUSTMENT	Make specific settings. See "Adjusting the sound setting (ADJUSTMENT)."

5 Press MENU to return to the normal screen.

Adjusting the sound setting (ADJUSTMENT)

You can adjust the sound to your own taste with the ADJUSTMENT option. The adjusted settings are stored in the PERSONAL option.

1 Press MENU.

2 Press + or – to move the cursor (▶) to AUDIO CONTROL, and press ENTER.

3 Press + or – to move the cursor (▶) to ADJUSTMENT, and press ENTER.

4 Press + or – to move the cursor (▶) to the item you want to adjust, and press ENTER.

```
 PERSONAL ADJUSTMENT
▶BASS      80
 TREBLE    80
 BALANCE    0
```

5 Press + or – to adjust the item, and press ENTER.

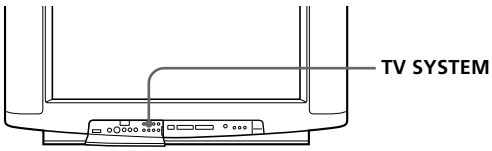
Item	Press + to	Press – to
BASS	Increase the bass sound	Decrease the bass sound
TREBLE	Increase the treble sound	Decrease the treble sound
BALANCE	Increase the volume of right speaker	Increase the volume of left speaker

6 To adjust other items, repeat steps 4 and 5.

7 Press MENU to return to the normal screen.

If the sound is distorted or noisy

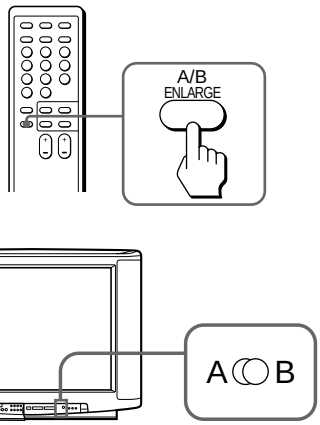
When receiving programs through the ⊤ terminal: Press TV SYSTEM until the sound becomes clear.



Selecting a stereo or bilingual program

You can enjoy stereo sound or bilingual program of NICAM and A2 (German) systems. The initial setting is stereo sound.

Press A/B/ENLARGE repeatedly until you receive the sound you want.
The sound changes and the corresponding indicator lights up as follows:



When receiving a NICAM program:

Broadcasting	On-screen display	Selected sound (indicator)
NICAM stereo	NICAM	→ Stereo → Regular (A and B)
NICAM bilingual	NICAM	→ A → B → Regular (A) (B)
NICAM monaural	NICAM	→ Monaural → Regular (A)

When receiving a A2 (German) program:

Broadcasting	On-screen display	Selected sound (indicator)
A2 (German) stereo	STEREO	Stereo (A and B)
A2 (German) bilingual	—	→ A → B → A+B (A) (B) (A and B)

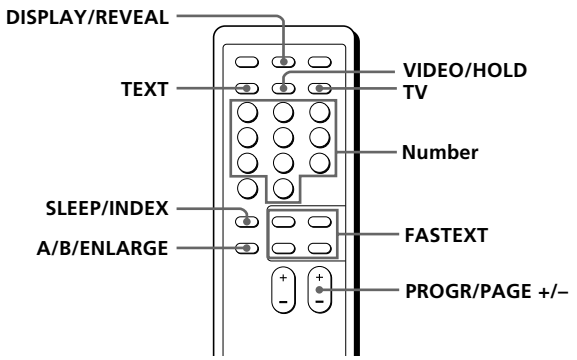
Receiving area for NICAM and A2 (German) programs

System	Receiving area
NICAM	Hong Kong, Singapore, New Zealand, etc.
A2 (German)	Australia, Malaysia, Thailand, Indonesia, etc.

Notes
- If the signal is very weak, the sound becomes monaural.
- If the stereo sound is noisy, select “regular” or “mono.” The sound becomes monaural, however, the noise will be reduced.

Viewing Teletext

TV stations broadcast an information service called Teletext via a TV channel.
Teletext service allows you to receive various information such as weather forecasts or news at any time you want.



Displaying Teletext

1 Select a TV channel which carries the Teletext broadcast you want to watch.

2 Press TEXT to display the Teletext.
A Teletext page is displayed (normally the index page). If there is no Teletext broadcast, P100 is displayed at the top left corner of the screen.

To cancel the Teletext display, press TV.

Superimposing a Teletext page on the TV picture

Press TEXT.
Each time you press TEXT, the screen changes as follows:

Teletext → Teletext and TV → TV

Checking the contents of a Teletext service (INDEX)

Press SLEEP/INDEX to display an overview of the Teletext contents and page numbers.

Using FASTEXT

This feature allows you to quickly access a Teletext page that uses FASTEXT. When a FASTEXT page is broadcast, a color-coded menu appears at the bottom of the screen. The colors of the menu correspond to the RED, GREEN, YELLOW, and CYAN buttons on the remote commander. These color buttons function as the FASTEXT buttons in Teletext mode.

Press the color button which corresponds to the color-coded menu.
The page is displayed after a few seconds.

Selecting a Teletext page

To input the three-digit page number of the Teletext page, press the number buttons.
If you make a mistake, key in the correct page number again.

To access the next or previous page, press PROGR/PAGE +/–.

Holding a Teletext page

A Teletext page may consist of several subpages. You can stop the page scrolling in order to read the text at your own pace.

Press VIDEO/HOLD.
The HOLD symbol " " is displayed at the top left corner of the screen.

To resume normal Teletext operation, press TEXT.

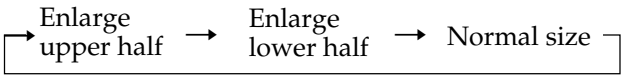
Revealing concealed information

Sometimes pages contain concealed information, such as an answer to a quiz. The reveal option lets you disclose the information.

Press DISPLAY/REVEAL.
To conceal the information, press DISPLAY/REVEAL again.

Enlarging the Teletext display

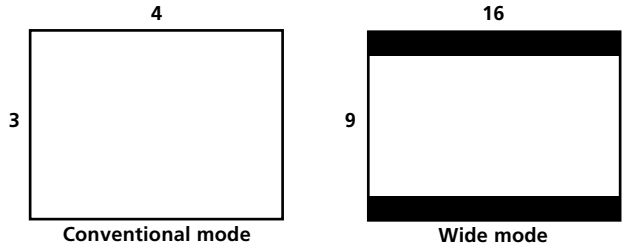
Press A/B/ENLARGE.
Each time you press A/B/ENLARGE, the Teletext display changes as follows:



Customizing the TV (SET UP)

Turning wide mode

When receiving the signal conforming to wide mode (S1-Video signal), you can change the size of the picture on the screen.



1 Press MENU.

2 Press + or – to select SET UP, and press ENTER.

```
 SET UP
▶WIDE:       OFF
 AV OUT:     MONITOR
 SURROUND:   OFF
 VIDEO NR:   OFF
```

3 Press + or – to select WIDE, and press ENTER.

4 Press + or – to select the wide mode to suit the size of the picture you want to display on the TV screen.

Select	To
ON	Display the picture on the screen in wide mode
AUTO	Display the picture on the screen in wide mode automatically when receiving the S1-Video signal through the S1-Video input jack
OFF	Display the picture on the screen in conventional size

Note
- When the picture is in wide mode, the bright lines which are used for adjusting the CRT at optimum level appear at the top of the screen.

Using the AV OUT (advanced rec-out) terminal

You can select the output signal from the MON/TV OUT jacks at the rear of the TV.

1 Press MENU.

2 Press + or – to select SET UP, and press ENTER.

```
 SET UP
▶WIDE:       OFF
 AV OUT:     MONITOR
 SURROUND:   OFF
 VIDEO NR:   OFF
```

3 Press + or – to select AV OUT, and press ENTER.

4 Press + or – to select the output signal, and press ENTER.

Select	To
TV	Output the TV signal.
MONITOR	Output the signal of the picture you are watching as a monitor.

Note

- Do not change the channel while recording with a VCR through the MON/TV OUT jacks. If you change the channel, it also changes the channel you are recording.

Selecting the surround sound

You can enjoy a surround sound effect that is like being in a music hall when receiving stereo signals.

1 Press MENU.

2 Press + or – to select SET UP, and press ENTER.

```
 SET UP
▶WIDE:       OFF
 AV OUT:     MONITOR
 SURROUND:   OFF
 VIDEO NR:   OFF
```

3 Press + or – to select SURROUND, and press ENTER.

4 Press + or – to turn the surround sound on or off, and press ENTER.

Select	To
ON	Listen to surround sound that is effective for stereo signals
SPACE	Listen to surround sound that is effective for monaural signals
OFF	Turn off surround sound

Reducing the noise of the picture

You can reduce the noise level of the picture when the TV receives a weak signal or when you play a videotape that is in poor condition.

1 Press MENU.

2 Press + or – to select SET UP, and press ENTER.

```
 SET UP
▶WIDE:        OFF
 AV OUT:      MONITOR
 SURROUND:    OFF
 VIDEO NR:    OFF
```

3 Press + or – to select VIDEO NR, and press ENTER.

4 Press + or – to turn the noise reduction on or off, and press ENTER.

Adjusting the tilt of the picture

■ ***KV-F29MN11/F29MH11 only***

You can adjust the tilt of the picture if it is not aligned to the TV screen. This may happen due to the direction of the earth's magnetic field in relation to the position of the TV.

1 Press MENU.

2 Press + or – to select SET UP, and press ENTER.

```
 SET UP
▶WIDE:        OFF
 AV OUT:      MONITOR
 SURROUND:    OFF
 VIDEO NR:    OFF
 TILT CORRECTION:  0
```

3 Press + or – to select TILT CORRECTION, and press ENTER.

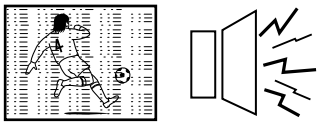
4 Press + or – to select the most suitable value to align the picture position.

TILT CORRECTION : –3 ← –2 ← –1 ← 0 → +1 → +2 → +3
– +

Troubleshooting

If you have any problems, read this manual again and check the countermeasure for each of the symptoms listed below.
If the problem persists, contact your nearest authorized service center or dealer.

Snowy picture
Noisy sound



➡Check the antenna.
➡Check the antenna connection on the TV and on the wall.
➡Check the TV SYSTEM setting.

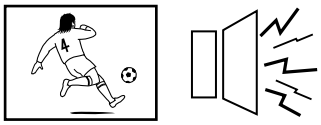
Dotted lines or stripes

➡This may be caused by local interference (e.g. cars, neon signs, hair dryers, etc.). Adjust the antenna for minimum interference.

Double images or "ghosts"

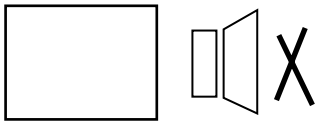
➡This may be caused by reflections from nearby mountains or buildings. A highly directional antenna may improve the picture.

Good picture
Noisy sound



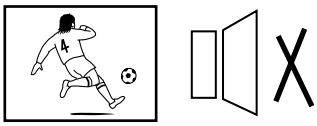
➡Check the TV SYSTEM setting.

No picture
No sound



➡Press POWER.
➡Check the antenna connection.
➡Check the VCR connections.

Good picture
No sound



➡Press VOLUME +.
➡Press MUTING.
➡Press A/B/ENLARGE.

No color

➡Adjust the COLOR level in the VIDEO CONTROL menu's ADJUSTMENT option.
➡Check the COLOR SYSTEM setting.

TV cabinet creaks

➡Even if the picture or the sound is normal, changes in the room temperature sometimes make the TV cabinet expand or contract, making a noise. This does not indicate a malfunction.

Specifications

	KV-F25MN11	KV-F29MN11	Note
Power requirements	110-240 V AC, 50/60 Hz		
Power consumption (W)	163	169	
Television system	B/G, I, D/K, M		
Color system	PAL, PAL 60, SECAM, NTSC4.43, NTSC3.58		
Stereo system	NICAM Stereo B/G, I ; A2 Stereo (German) B/G		
Channel coverage			
B/G	VHF : E2 to E12 / UHF : E21 to E69 / CATV : S01 to S03, S1 to S20		
I	UHF : B21 to B68 / CATV : S01 to S03, S1 to S20		
D/K	VHF : R1 to R12 / UHF : R21 to R60 / CATV : S01 to S03, S1 to S20		
M	VHF : A2 to A13 / UHF : A14 to A79/ CATV : A-8, A-7 A-2 to W		
Antenna	75-ohm external antenna terminal for VHF/UHF		
Audio output (speaker)	6W × 2		
Number of terminal			
Video	Input : 3 Output : 1		
Audio	Input : 3 Output : 1		
S1-Video	Input : 2		Y : 1 Vp-p, 75 ohms, unbalanced, sync negative C : 0.286 Vp-p, 75 ohms
Picture tube	Super Trinitron		
Tube size (inch)	25	29	Measured diagonally
Screen size (cm)	60	68	Measured diagonally
Dimensions (w/h/d, mm)	690 × 521 × 511	782 × 593 × 534	
Mass (kg)	35	47	
Accessories			
Supplied	Remote commander (1)		
	Size R6 (AA) battery (2)		
Optional	Magic commander RM-829, RM-848		
	TV stand SU-F25	TV stand SU-F29	

Design and specifications are subject to change without notice.

Sony Corporation Printed in Indonesia