Panasonic®

Model No. TY-FB8TA

U/V Tuner Board with Hospitality Port

Operating Instructions
Before connecting, operating or adjusting this product, please read these instructions completely. Please keep this manual for future reference.

附 Hospitality 端口的 U/V 调谐器插件

使用说明书
在对本产品进行连接、操作和调节之前，请详尽阅读这些说明。请保留本手册以备将来参考。

Contents

English

Features

■ **Can receive terrestrial analog broadcasting**
You can install the U/V Tuner Board with Hospitality Port TY-FB8TA in the slot of the unit and receive terrestrial analog broadcasting.

■ **Can connect various kinds of video equipment**
You can connect a VCR or DVD to enjoy input video on the unit, or transmit video to enjoy on a connected unit.

Applicable models: Plasma display: PG/R series, PS/H9W series (Singapore and India only), PWD8 series
                    (Ex. TH-42PG9W, TH-42PH9WK, TH-42PWD8WK/S)

           ∗ As for the applicable models, refer to the manual of the unit.

Safety Precautions

WARNING

- **Never attempt to disassemble or modify this product.**
  To avoid fire, shock, or failure.
- **If you sense smoke, an odd odor, or unusual noises while in operation, immediately unplug the unit.**
  Switch off and unplug the unit from the supply outlet.
  To avoid fire or shock, do not leave the power of the unit turned on.
- **To avoid shock or other problems, do not leave the unit plugged into the supply outlet.**

> - **Please contact our designated service department for installation or change of this product.**
>   To Service personnel:
>   **Before removing or installing the Terminal Board, be sure to turn the power of the unit off and unplug the power cord plug from the supply outlet.**

Handling Cautions

- **Do not touch the connector contacts with hands directly.**
  To avoid electrostatic damage to internal parts, before handling this product, touch a large metallic object such as a steel cabinet to discharge yourself.
- **Be sure to use the supplied cable or specified parts for interconnection.**
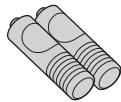 To avoid malfunction or failure, do not use parts other than those recommended.

Accessories / Options

Please check and identify the supplied accessories.

- Remote control
  N2QAYB000020
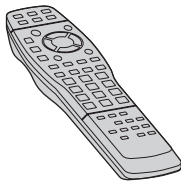
- Remote control batteries
  (2 × R6(AA) size)

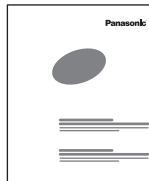- Terminal function label (1 sheet)

  (Affix this label to the applicable slot of the rear panel of the unit.)
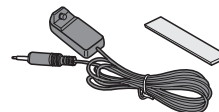
Optional accessory
- Set Up Loader
  TY-RM09SL

- Terminal board replacement Instructions

- Ir System cord (× 1)
  (K2ZZ02C00006)

- Screw (× 4)

Remote Control Batteries

1. Open the cover.
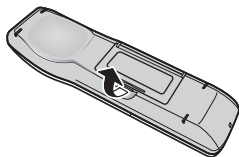
2. Insert batteries. Note the correct polarity (+ and -).
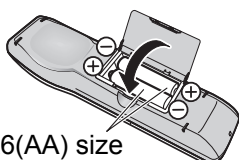
R6(AA) size

⚠ **Precautions**
Mishandling of batteries can cause electrolyte leakage which can damage items the fluid contacts and may cause a fire.
- Do not mix old and new batteries.
- Do not use different types at the same time. (ex. zinc carbon and alkaline)
- Do not heat or expose to flame.
- Do not take apart or short circuit.
- Do not attempt to recharge, short-circuit, disassemble, heat or burn used alkaline or manganese batteries.
- Replace the batteries if the remote control does not work properly.
- Do not burn or breakup batteries.
  Batteries must not be exposed to excessive heat such as sunshine, fire or the like.

For your reference
Use alkaline batteries for longer life.

Installation

Precautions
- **Before removing, turn the power off with the tuner board's remote control and then turn the main power of the unit off.**
- **When installing or removing the terminal board, exercise care to avoid injury.**
  There may be some sharp-pointed solder joints on the rear side of the board that could cause unexpected injury.
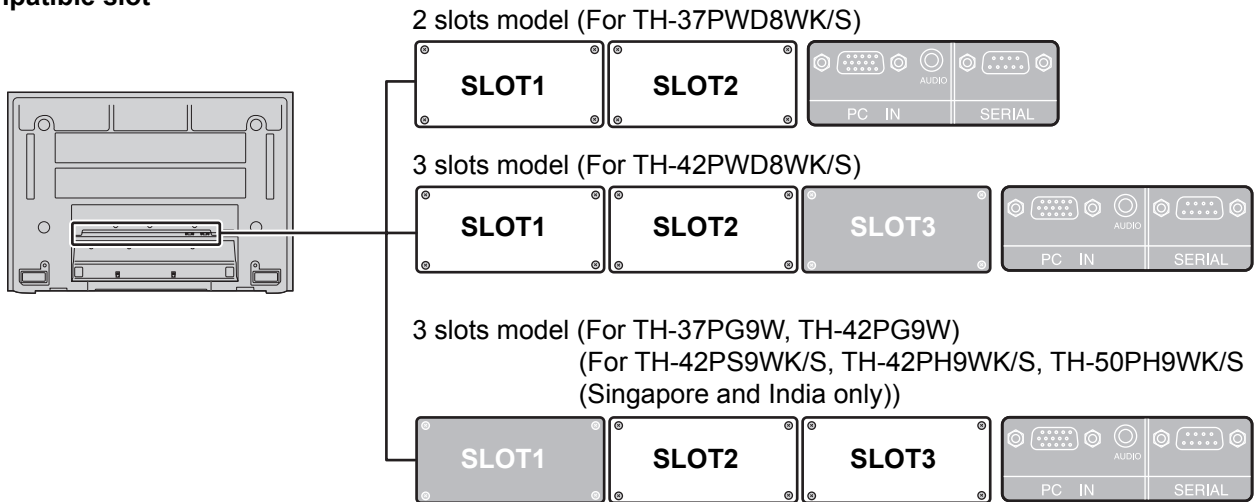- **When installing the board, fully insert the Board into the slot horizontally until it is firmly plugged into the connector.**
  Note that incomplete insertion may damage the internal components.

■ **Compatible slot**

2 slots model (For TH-37PWD8WK/S)

SLOT1	SLOT2

3 slots model (For TH-42PWD8WK/S)

SLOT1	SLOT2	SLOT3

3 slots model (For TH-37PG9W, TH-42PG9W)
(For TH-42PS9WK/S, TH-42PH9WK/S, TH-50PH9WK/S (Singapore and India only))

| SLOT1	SLOT2	SLOT3

■ **Installation Procedure**

1 Turn off the display and the connected equipment, and disconnect the power supply plugs from the wall sockets. Disconnect all cables connected to the unit.

2 Follow the procedure below and install the tuner board in the display.

Foam mat or thick soft cloth
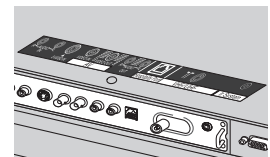

English
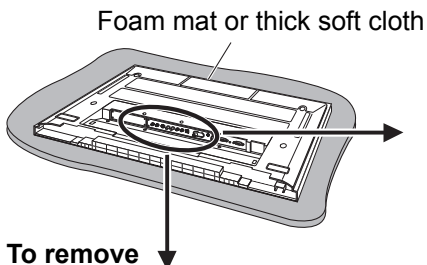
To remove

Remove the slot cover. Grip the handle of the terminal board, and slowly pull out in the direction of the arrow.
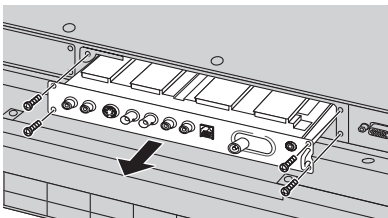
To install

1. Remove the slot cover.

2. Insert the terminal board until it is firmly plugged into the connector. Tighten screws in the order **1** - **4**.

Securing screw

3. Affix the terminal function label (included).
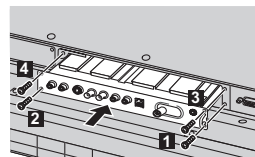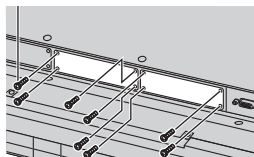
- Make sure that the Board does not ride on the two lower claws.
- Be sure to fasten all screws tightly.
- Have the customer keep the removed Terminal Board for future servicing needs.

[The following steps are not required when using the TH-37PWD8WK/S or the TH-42PWD8WK/S.]

3 Connect the power supply plug to the wall socket and turn on the display's power.

4 Use the display's remote controller and check that the "Serial Slot Select" item in the Options menu is set to "Slot2". If it is set to other than "Slot2", change the setting to "Slot2".

Note: The default setting for professional displays (such as the TH-50PHXX) is "Slot1", so make sure to check the setting. The tuner board will not function properly if the setting is incorrect.

See page 21 "Display's setting" for the Options menu operation method.

4

Antenna connection

For proper reception of VHF / UHF channels, an external antenna is required. For best reception, an outdoor antenna is recommended.

VHF Aerial   UHF Aerial

Mixer

VCR

ANT OUTPUT   ANT INPUT   OR

R AUDIO L   VIDEO IN   VIDEO OUT   R AUDIO L
IN   OUT
S VIDEO IN   AV   Hospitality Port   VHF/UHF   Ir System
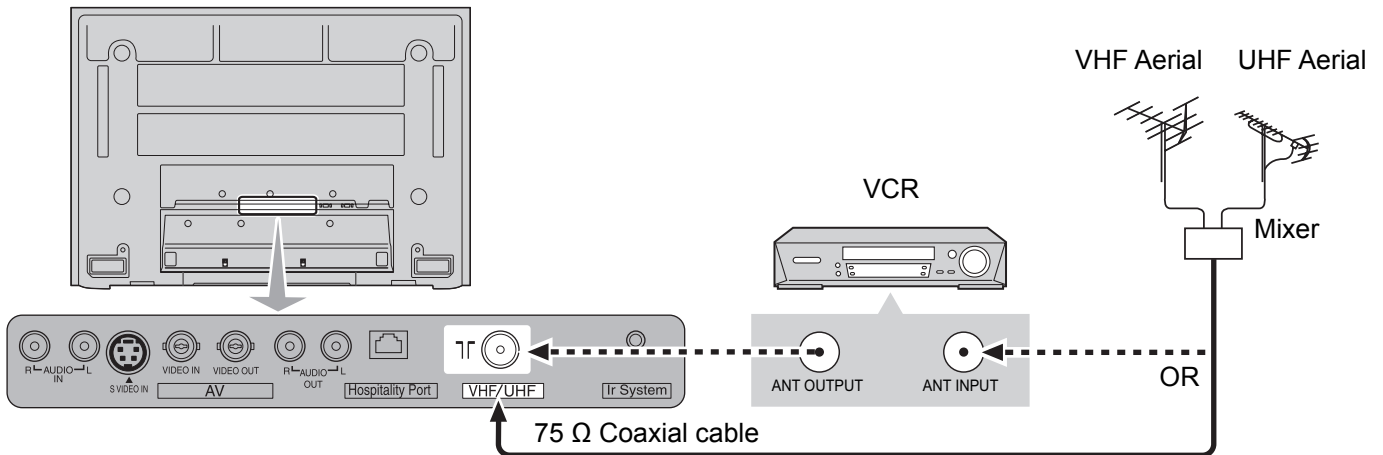
75 Ω Coaxial cable

Notes:
• Do not put the Coaxial cable close to the Power cable to avoid noise.
• Do not place the Coaxial cable under the unit.
• Additional equipment, cables and adapter plugs shown are not supplied with this set.
• To obtain optimum quality picture and sound, an Aerial, the correct cable (75 Ω coaxial) and the correct terminating plug are required.
• If a communal Aerial system is used, you may require the correct connection cable and plug between the wall Aerial socket and your set.
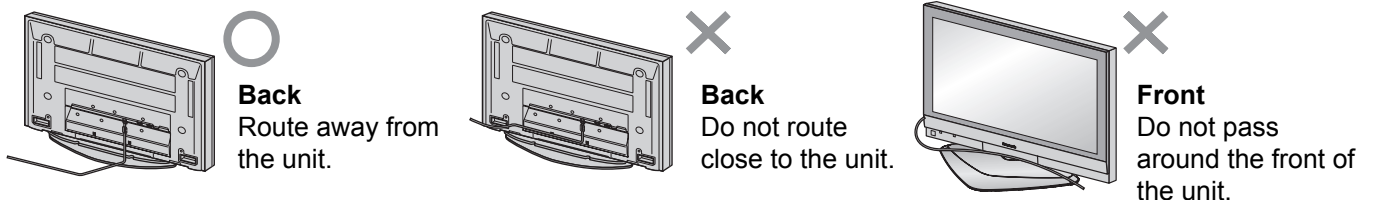• Your local Television Service Centre or Dealer may be able to assist you in obtaining the correct Aerial system for your particular area and the accessories required.
• Any matters regarding Aerial installation, upgrading of existing systems or accessories required, and the costs incurred, are the responsibility of you, the Customer.

Handling the antenna cable

To avoid noise in the video, hold the antenna cable correctly.

Back
Route away from the unit.

Back
Do not route close to the unit.

Front
Do not pass around the front of the unit.

Power On / Off

Preparation
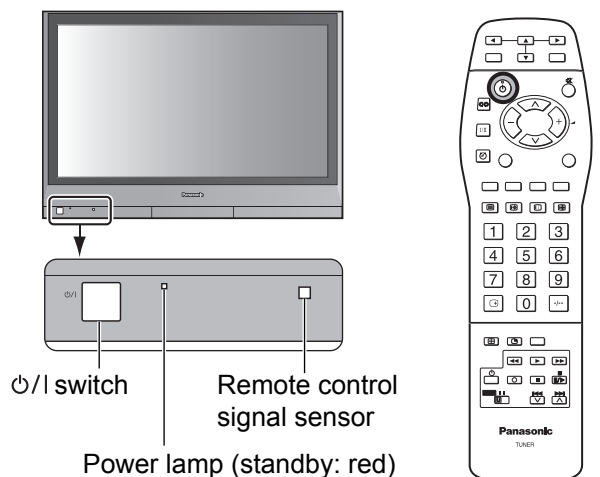Connect the mains lead.

Press the ⏻/l switch on the unit to turn the set on.
Owner ID setting screen is displayed. See page 14.

To switch the unit to Standby mode, press the ⏻ button on the remote control.
The unit can be switched on by pressing the ⏻ button again if it was switched to Standby mode.

⏻/l switch   Remote control signal sensor

Power lamp (standby: red)

Panasonic
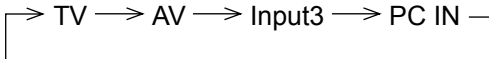TUNER

5

Connections of external equipment

It is possible to connect a variety of additional equipment to this set. The following pages detail how to connect external equipment to the set.
Once your equipment is connected, use the following procedure to view the input:
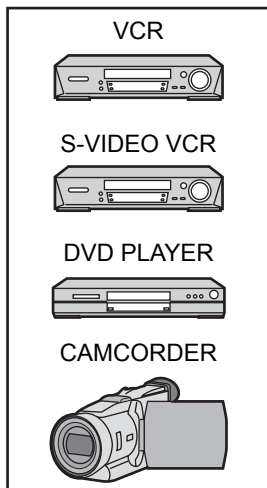
Press the **TV/AV** button.

> TV → AV → PC IN → Input1

(For PWD8 series)

> TV → AV → Input3 → PC IN

TV/AV
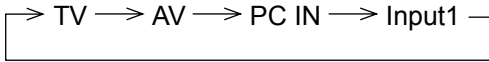
Notes:
- Additional equipment and cables shown are not supplied with this set.
- This Video out terminal is available for S-Video signal.
- S-video signal input (S VIDEO IN) is prior to composite signal input (VIDEO IN).
- A light gun game console using CRT TV's electron-gun scanning system is not compatible with a unit.
- VIDEO OUT is available only when "AV" is selected as the input source for TV/AV (INPUT1 for PWD8 series) (see page 5, 16).
- Before the Hospitality Port connection, be sure to set the Hospitality Mode "ON" in Hotel mode (see page 20). Make sure to set "OFF" when not in use. Then perform other slot settings.

Example of input signal source

VCR

S-VIDEO VCR

DVD PLAYER

CAMCORDER

Connect the S-VIDEO or VIDEO terminal.

VIDEO OUT

S-VIDEO OUT

AUDIO OUT
L
R

S-VIDEO 4 pin terminal

Chrominance in   Luminance in

Chrominance earth   Luminance earth

Set Up Loader

Digital interface port

PPV Box

RCA-BNC adapter plug

R — AUDIO — L
IN

S VIDEO IN

VIDEO IN   VIDEO OUT

R — AUDIO — L
OUT

AV

Hospitality Port

VHF/UHF
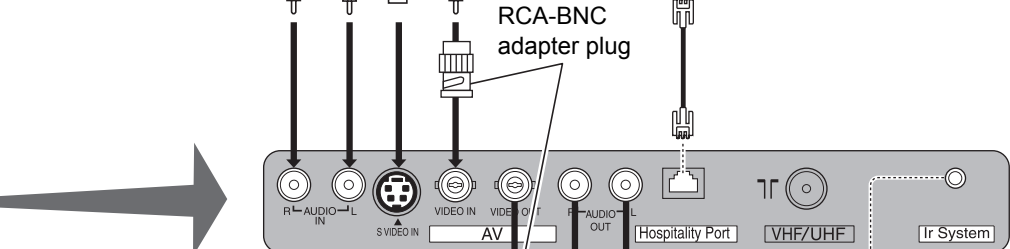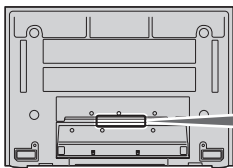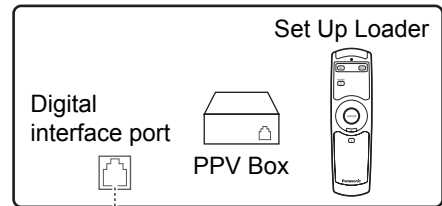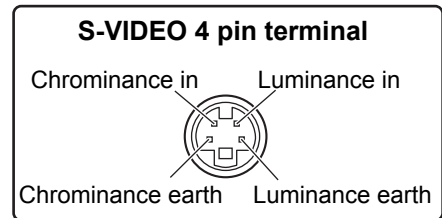
Ir System

Example of output signal source

VCR

MONITOR

Amplifier to speaker system

VIDEO IN

AUDIO IN
L
R
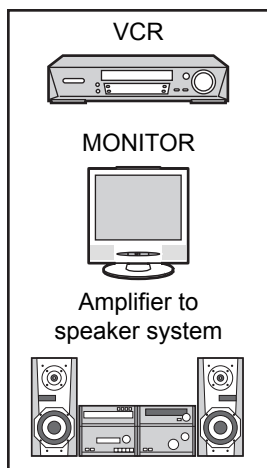
Ir System terminal
When connecting the Ir System (K2ZZ02C00006), additional Panasonic equipment can be operated with the remote control turned to the unit.
The remote control of additional Panasonic equipment also can be used with it turned to the unit. It can not be used with certain kinds of equipment.

Panasonic
TUNER

Basic controls

MENU button
Press to access the setup menu.
(see page 8, 9, 11, 13, 14)

Standby On / Off button
Switches unit **On** or **Off**
(Standby mode).

Surround On / Off
Switches on and off each time the button
is pressed.

Stereo / Bilingual Sound Selection
(see page 19)

Off timer button
Switches the set off within a preset time
which you can choose from between 0 to
90 minutes in 30 minute intervals.

R-TUNE button
Press to switch to previously viewed
channel.

Coloured buttons used for the selection,
navigation and operation of various
functions.

Teletext button (see page 17-19)

Text F.P. button (see page 18)

Recall
Press to display the current system status,
for example, Programme number, Channel
number, Stereo mode.

ASPECT control button
(see page 15)

Multi Window
(see page 16)

Cursor buttons to make selections and
adjustments.

Press to store settings in Tuning menu
and Teletext.

Sound mute **On / Off**

Volume up / down button

Programme Number Selection
Press to select the next higher or lower
Programme number.

Press to select TV, AV, PC IN, Input1
sequentially except PDP8 series.
(see page 6)

Text Hold / Picture Still
(see page 15, 17)

Text Index (see page 19)

Direct Programme Number (see page 10)
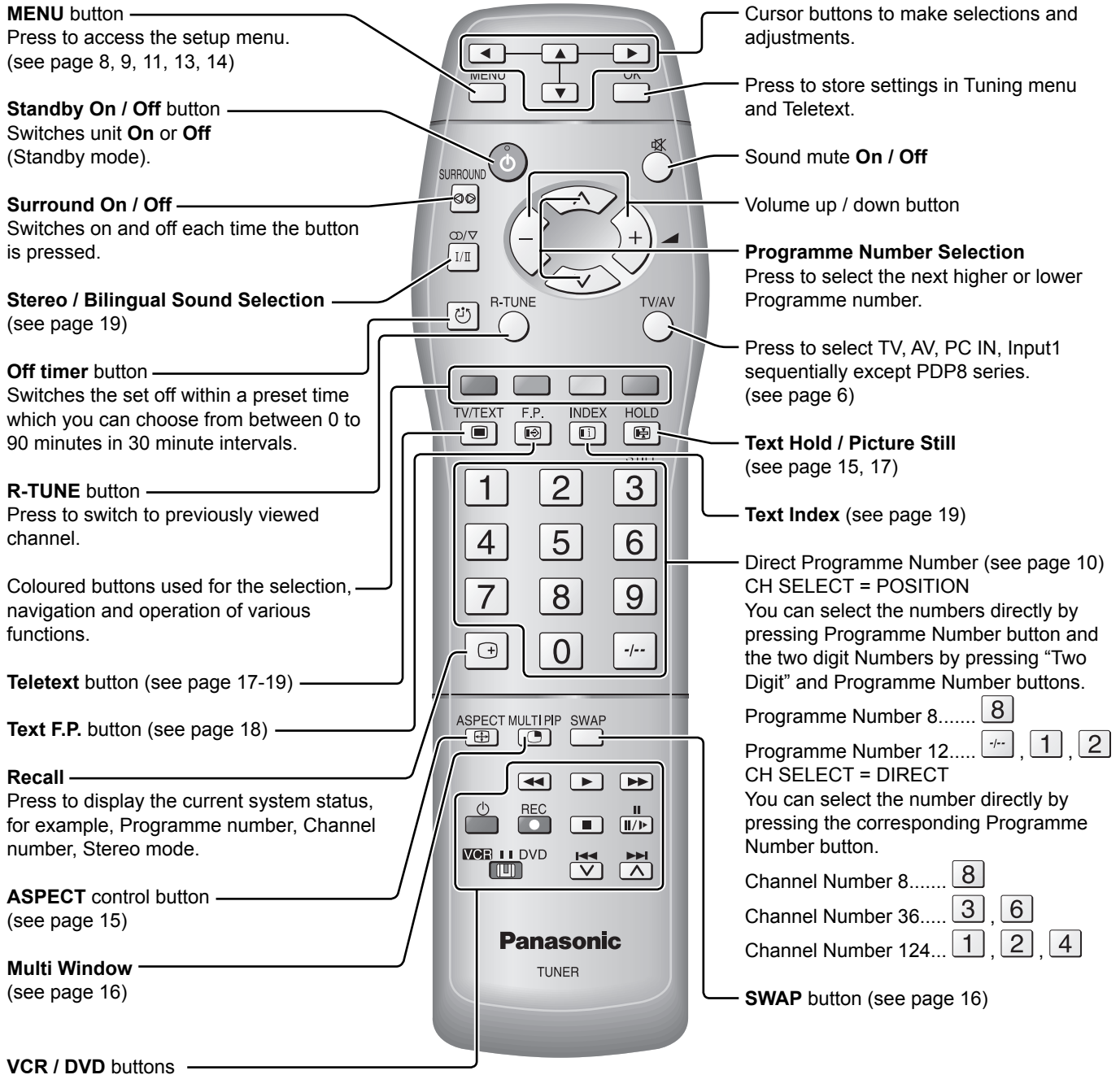CH SELECT = POSITION
You can select the numbers directly by
pressing Programme Number button and
the two digit Numbers by pressing "Two
Digit" and Programme Number buttons.

Programme Number 8....... 8

Programme Number 12..... -/-- , 1 , 2
CH SELECT = DIRECT
You can select the number directly by
pressing the corresponding Programme
Number button.

Channel Number 8....... 8

Channel Number 36..... 3 , 6

Channel Number 124... 1 , 2 , 4

SWAP button (see page 16)

Panasonic
TUNER

English

VCR / DVD buttons
The Remote Control is capable of operating some functions of selected Panasonic VCR's and DVD (Digital Versatile Disc)'s
equipment. Some VCR's and DVD's equipment have different functions, so to ensure compatibility please refer to the
equipment's instruction book or consult your dealer for details.

Button	Function	Button	Function
⏻	Standby	▶▶	VCR : Fast Forward / Cue DVD : Slow / Search
VCR ‖ DVD	VCR / DVD selection switch	◀◀	VCR : Rewind / Review DVD : Slow / Search
▶	Play	‖/▶	Pause / Still
■	Stop	⏮ ⏭	VCR : Programme Number up / down DVD : Skip
		REC	Record

7

Using the On Screen Displays

Use the remote control as shown below to access and adjust features as desired via the On Screen Display menu.

The **MENU** button is used to access and exit the setup menu.

The up and down cursor buttons are used to move the cursor and select menus.

The left and right cursor buttons are used to access menus, change levels or to select from a range of options.

The **OK** button is used with a number of features to store settings after adjustments have been made or options have been set.

The **MENU** button is used to exit the menu system and return to the normal viewing screen.
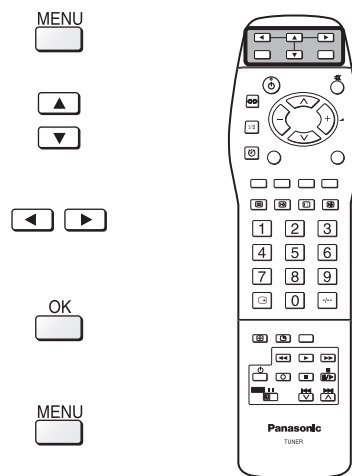
An On Screen Help box is displayed whenever a menu is displayed on the unit. This Help box indicates which buttons on the remote control are used to navigate the menu shown, see above for descriptions of button functions.

Note:
The Help box is not shown in the menu pictures in this instruction book due to space limitations.

ON SCREEN HELP
'Instructions' box

SELECT
CHANGE
EXIT

MENU	
TELETEXT	FASTEXT
CH COLOUR SET	
CHILD LOCK	OFF
D. PNR	AUTO
MPEG NR	OFF
3D-COMB	ON
TEXT SELECT	ENGLISH

Tuning

TUNING MENU

Preparation
1. Press INPUT to select TV/AV (INPUT1 for PWD8 series).
2. Press TV/AV to select TV mode.

Press the **MENU** button.
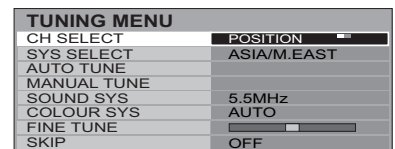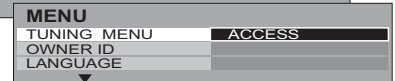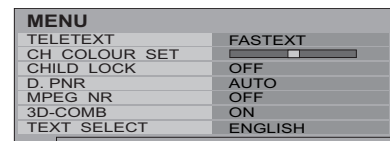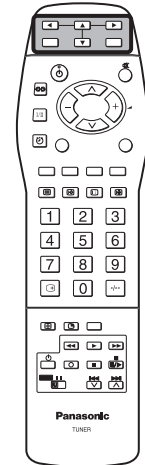`MENU`

Move to choose **TUNING MENU**.
`▲` `▼`

Access **TUNING MENU**.
`◄` `►`

Move to choose menu option.
`▲` `▼`

Adjust chosen option or access chosen menu.
`◄` `►`

Press the **MENU** button at any time to go back to watching TV.
`MENU`

Pressing the **OK** button after having adjusted some features will store the setting as the default (replacing the factory setting).
`OK`

MENU	
TELETEXT	FASTEXT
CH COLOUR SET	
CHILD LOCK	OFF
D. PNR	AUTO
MPEG NR	OFF
3D-COMB	ON
TEXT SELECT	ENGLISH

MENU	
TUNING MENU	ACCESS
OWNER ID	
LANGUAGE	
▼	

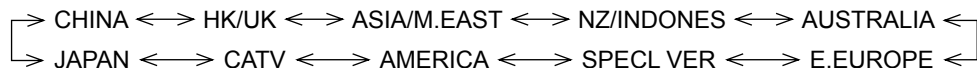| TUNING MENU	
CH SELECT	POSITION
SYS SELECT	ASIA/M.EAST
AUTO TUNE	
MANUAL TUNE	
SOUND SYS	5.5MHz
COLOUR SYS	AUTO
FINE TUNE	
SKIP	OFF

CH SELECT
(Channel Selection)

Select the most easily viewed channel selection method. See page 10.
POSITION / DIRECT

SYS SELECT
(System Selection)

Select the system. Press the **OK** button after changing SYS SELECT to store.

CHINA ←→ HK/UK ←→ ASIA/M.EAST ←→ NZ/INDONES ←→ AUSTRALIA ←
JAPAN ←→ CATV ←→ AMERICA ←→ SPECL VER ←→ E.EUROPE ←

SYSTEM SELECT	REGION
CHINA	China
HK/UK	Hong Kong, United Kingdom
ASIA/M.EAST	Malaysia, Singapore, Thailand, Asia countries, Kuwait, Saudi Arabia, United Arab Emirates, Middle East countries, etc.
NZ/INDONES	New Zealand, Indonesia, etc.
AUSTRALIA	Australia
E.EUROPE	CIS, Poland, etc.
SPECL VER	South Africa
AMERICA	USA, Chile, Mexico, Panama, Pelu, Philippines, Taiwan, Venezuela, etc.
CATV	USA CATV
JAPAN	Japan

AUTO TUNE

Allows you to automatically retune the set. Useful if you move house and wish to retune your set to the local stations. See page 11.

MANUAL TUNE

Allows individual program positions to be tuned, manually. See page 11.

SOUND SYS
(Sound System)

Allows you to change the sound system used for a programme channel.
Choose the required sound system:
4.5MHz / 5.5MHz / 6.0MHz / 6.5MHz

COLOUR SYS
(Colour System)

Lets you select the correct transmission standard for the transmission signal being received. See page 13.
AUTO / PAL / SECAM / NTSC 4.43 / NTSC 3.58

FINE TUNE

Use to make small adjustments to the tuning of an individual station (useful for example when weather conditions are affecting reception quality of a program).
To cancel the FINE TUNE, tune again by MANUAL TUNE.

SKIP

It is possible to skip Program Number on which no TV stations are tuned appearing on the screen. The function is only effective when pressing the Program Number up or down button on the remote control. Under the normal viewing, select the Program Number you would like to skip. Then, access TUNING MENU and set SKIP to ON.

English

Tuning

Channel Selection

Select the most easily viewed channel selection method.
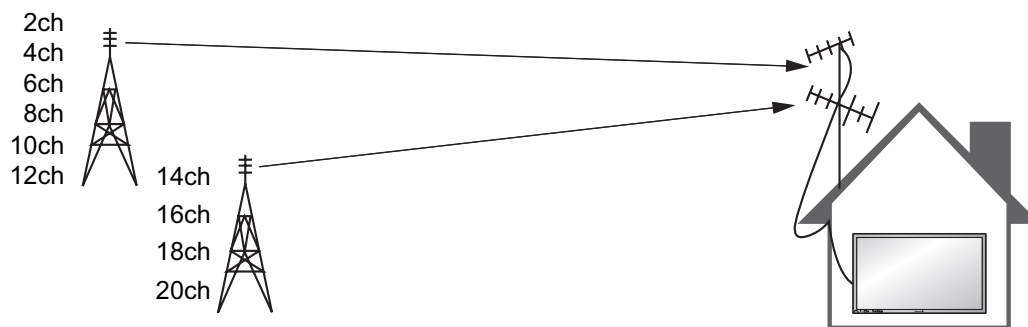
Example

Programme Number	Channel Display	Received Channel
1	2	2
2	4	4
3	6	6
4	8	8
5	10	10
6	12	12
7	14	14
8	16	16
9	18	18
10	20	20

POSITION

When the CH SELECT is on POSITION, and AUTO TUNE is performed, the unit memorises the channels tuned in order from Programme No.1.

Press the 1 button to view channel 2.
Press the 2 button to view channel 4.
Press the 3 button to view channel 6.

During Position mode various reception channels can be viewed.

Example

| Programme Number	Channel Display	Received Channel
1	–	–
2	2	2
3	–	–
4	4	4
5	–	–
6	6	6
7	–	–
8	8	8
9	–	–
10	10	10
⋮	⋮	⋮
20	20	20
⋮	⋮	⋮

DIRECT

When the CH SELECT is on DIRECT, and AUTO TUNE is performed, the unit memorises the Programme Number which is the same as the channel tuned. This method allows you to select the desired channel by pressing the Channel Display number directly on the remote control to select the station. The Channel Display numbers for the broadcast stations in each region are listed on page 12.

English

AUTO TUNE

AUTO TUNE automatically retunes your set. This feature is useful if, e.g., you move house and wish to retune your set to receive the local stations.

Press the **MENU** button.

Move to choose **TUNING MENU**.

Access **TUNING MENU**.

Move to choose **AUTO TUNE**.

Access **AUTO TUNE**.
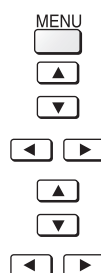
Notes:
- **If you proceed with the next step all tuning data will be erased** (all stations and their programme positions stored in your set's memory will be wiped out so the new settings can be stored).
- If you exit the procedure after this point and before **AUTO TUNE** is complete, no station information will be stored. Restart and complete the AUTO TUNE procedure so that the set is retuned.

Press to start **AUTO TUNE**.

The set will search for, locate, store and then sort into order your local stations.

Once this operation is completed the set will display the programme now stored on programme position 1.
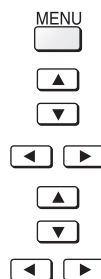
Press the **MENU** button at any time to go back to watching TV (please read the **Notes** in the above procedure).

```
12
CH 12
                  Panasonic
AUTO  SETUP  IN  PROGRESS
SEARCHING  :      PLEASE  WAIT
     STORED    CH  12

MENU  :  TO EXIT
```
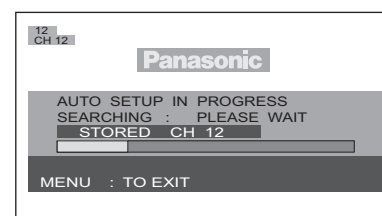
MANUAL TUNE

It is possible to retune individual programme positions:

Press the **MENU** button.

Move to choose **TUNING MENU**.

Access **TUNING MENU**.

Move to choose **MANUAL TUNE**.
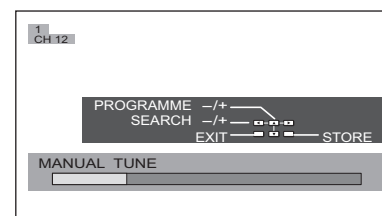
Access **MANUAL TUNE**.

Select the programme position to be tuned.

Press repeatedly until required station is found.

When the desired station is found, press the **OK** button to store. The programme position will flash.

Press the **MENU** button at any time to go back to watching TV.

```
1
CH 12

PROGRAMME  –/+
  SEARCH  –/+
     EXIT          STORE
MANUAL  TUNE
```

Notes:
- If a clear picture cannot be obtained even when a Broadcast or AV signal is received, refer to the COLOUR SYS selection on page 9.
- After the AUTO TUNE or MANUAL TUNE is finished, press the Programme Number up button to confirm the tuning condition for each Programme Numbers. If some Programme Numbers are unused, it is possible to skip such Programme Numbers. Please refer to the SKIP function on page 9.
- When using a VCR without video and audio input / output terminals, it is convenient to connect the aerial cable as indicated in the instruction manual of VCR and to set the designated channel to Programme No. "0". In that case, perform MANUAL TUNE after setting the COLOUR SYS and SOUND SYS in advance. Further, in multi-system VCR, it is more convenient to set the designated channel to several Programme Numbers.

English

Channel Allocation

Second header row: the "RECEIVE CHANNEL" label spans all columns from CHINA to JAPAN. In the data cells below, `{` denotes the wavy (range-continuation) line as printed, and `⟨` denotes the wavy range marker in the CH DISPLAY column.

SYS SELECT / CH DISPLAY	CHINA	HK/UK	ASIA/M.EAST	NZ/INDONES	AUSTRALIA	E.EUROPE	SPECL VER	AMERICA	CATV	JAPAN
					RECEIVE CHANNEL					
0	–	–	–	–	–	–	–	–	–	–
1	1	–	–	–	0	1	1	–	1	1
2	2	–	2	2	1	2	2	2	2	2
3	{	–	{	{	2	{	{	{	{	{
4	{	–	{	{	3	{	{	{	{	{
5	{	–	{	{	4	{	{	{	{	{
6	{	–	{	{	5	{	{	{	{	{
7	{	–	{	{	S2	{	{	{	{	{
⟨	{	–	{	{	{	{	{	{	{	{
11	{	–	11	11	{	11	11	{	{	{
12	12	–	12	–	{	12	12	{	{	12
13	13	–	–	–	{	–	13	13	{	13
14	{	–	–	–	{	–	–	14	{	{
15	{	–	–	–	S10	–	–	{	{	{
16	{	–	–	–	6	–	–	{	{	{
⟨	{	–	–	–	{	–	–	{	{	{
19	{	–	–	–	9	–	–	{	{	{
20	{	–	–	–	9A	–	–	{	{	{
21	{	21	21	21	10	21	21	{	{	{
22	{	{	{	{	11	{	{	{	{	{
23	{	{	{	{	12	{	{	{	{	{
24	{	{	{	{	S11	{	{	{	{	{
⟨	{	{	{	{	{	{	{	{	{	{
28	{	{	{	{	{	{	{	{	{	{
⟨	{	{	{	{	{	{	{	{	{	{
57	57	{	{	{	S44	{	{	{	{	{
58	–	{	{	{	20	{	{	{	{	{
59	–	{	{	{	21	{	{	{	{	{
⟨	–	{	{	{	{	{	{	{	{	{
62	–	62	62	62	{	62	62	62	62	62
63	–	63	63	63	{	63	63	63	63	C13
⟨	–	{	{	{	{	{	{	{	{	{
69	–	69	69	69	{	69	69	69	{	{
70	–	–	–	–	{	–	–	–	{	{
⟨	–	–	–	–	{	–	–	–	{	{
73	–	–	–	–	{	–	–	–	{	{
74	–	S'1	S'1	S'1	{	S'1	S'1	–	{	{
75	–	S'2	S'2	S'2	{	–	S'2	–	{	{
76	–	S'3	S'3	S'3	{	–	S'3	–	{	{
77	–	–	–	–	{	–	–	–	{	{
78	–	–	–	–	{	–	–	–	{	{
79	–	–	–	–	{	–	–	–	{	{
80	–	S1	S1	S1	{	S1	S1	–	{	{
81	Z1	S2	S2	S2	{	S2	S2	–	{	{
⟨	{	{	{	{	{	{	{	–	{	{
89	Z9	S10	S10	S10	{	S10	S10	–	{	{
90	Z10	S11	S11	S11	{	S11	S11	–	{	{
91	Z11	S12	S12	S12	{	S12	S12	–	{	{
92	Z12	S13	S13	S13	{	S13	S13	–	{	{
93	Z13	S14	S14	S14	{	S14	S14	S14	{	{
94	Z14	S15	S15	S15	{	S15	S15	S15	{	{
95	Z15	S16	S16	S16	{	S16	S16	S16	{	{
96	Z16	S17	S17	S17	{	S17	S17	S17	{	{
97	Z17	S18	S18	S18	{	S18	S18	S18	{	{
98	Z18	S19	S19	S19	{	S19	S19	S19	{	{
99	Z19	S20	S20	S20	{	S20	S20	–	99	C49
100	Z20	S21	S21	S21	{	S21	S21	–	100	–
⟨	{	{	{	{	{	{	{	–	{	–
107	{	{	{	{	69	{	{	–	{	–
⟨	{	{	{	{	–	{	{	–	{	–
117	Z37	{	{	{	–	{	{	–	{	–
118	–	{	{	{	–	{	{	–	{	–
⟨	–	{	{	{	–	{	{	–	{	–
120	–	S41	S41	S41	–	S41	S41	–	{	–
⟨	–	–	–	–	–	–	–	–	{	–
125	–	–	–	–	–	–	–	–	125	–

Set up

Press the **MENU** button.

Move to choose menu option.

Adjust chosen option or access chosen menu.

Press the **MENU** button at any time to go back to watching TV.

TELETEXT	Depending on the area, this operation may not be available. Allows you to choose 2 modes. See page 17. FASTEXT / LIST
CH COLOUR SET	Colour density varying between broadcast channels can be adjusted to three levels for each reception channel.
CHILD LOCK	When ON, picture and sound of the TV/AV mode being viewed will disappear and a Black screen will appear. CHILD LOCK can be set for each programme number and AV mode.
D.PNR	Automatically reduces unwanted picture noise.
MPEG NR	Reduces MPEG noise. OFF / ON This function is effective in reducing the digital block noise when viewing DVD, VCD or digital broadcasting. The effect will be changed based on the scene and image. **MPEG**: Compression technology of the image signal adopted by DVD, VCD or digital broadcasting.
COLOUR SYS (Colour System)	Displayed during **AV** mode. If a clear picture with current colours cannot be obtained when a Broadcast or AV signal is received, this function is used. AUTO / PAL / SECAM / NTSC 4.43 / NTSC 3.58 PAL, SECAM and NTSC 3.58 are different colour signal broadcast transmission systems applicable to different countries. NTSC 4.43 is a trick playback mode used in special VCR's to playback NTSC recorded video tapes through PAL television equipment.
3D-COMB	Occasionally, whilst viewing still or slow moving pictures, colour patterning may be seen. Set 3D-COMB to ON to display sharper and more accurate colours. Displayed only when receiving PAL or NTSC signals. Not displayed during S-Video input mode.
TEXT SELECT	Depending on the area, this operation may not be available. Select character set, so that all characters needed are available for text on teletext pages. ENGLISH / CIS / E.EUROPE / PERSIAN
TUNING MENU	Provides access to many other features including SYS SELECT and AUTO TUNE. See page 9. Not displayed during AV mode.
OWNER ID	Allows you to enter a security code and address information. See page 14.
LANGUAGE	You can select the On Screen Display language. English / Chinese

TV mode

MENU	
TELETEXT	FASTEXT
CH COLOUR SET	
CHILD LOCK	OFF
D. PNR	AUTO
MPEG NR	OFF
3D-COMB	ON
TEXT SELECT	ENGLISH

MENU	
TUNING MENU	ACCESS
OWNER ID	ACCESS
LANGUAGE	ACCESS

AV mode

MENU	
TELETEXT	FASTEXT
CH COLOUR SET	
CHILD LOCK	OFF
D. PNR	AUTO
MPEG NR	OFF
COLOUR SYS	AUTO
3D-COMB	ON

MENU	
TEXT SELECT	ENGLISH
OWNER ID	ACCESS
LANGUAGE	ACCESS

English

Owner ID

Owner ID allows you to enter a security code(Owner ID) and personal details into its memory, so that in the unfortunate event of theft it will help the Police to trace the owner.

If you wish to check the personal details already entered into the set (except your PIN number), press the **OK** button and hold for 6 seconds. The details already entered are displayed on screen and will disappear after a few seconds.

OK

If **OWNER ID** information was not entered when you switched on your set for the first time or it is necessary to alter some of the information, **OWNER ID** can be re-accessed via the **MENU**.

Press the **MENU** button.

MENU

Move to choose **OWNER ID**.

▲
▼

Access **OWNER ID**.

◄ ►

If the **OWNER ID** has previously been set, enter the **PIN NUMBER** (using 0 to 9 on the remote control) followed by **OK** to proceed, this will take you to the **NAME** option.

If no **OWNER ID** has previously been set, enter the required 4 digit **OWNER ID PIN NUMBER** (using 0 to 9 on the remote control).

If a 4 digit **PIN NUMBER** was entered above, you will be taken automatically to the **NAME** line.

If not, move to the **NAME** line.

◄ ►

Change character.

▲

Select character position.

▼
◄ ►

Repeat above until **NAME**, **HOUSE NUMBER** and **POSTCODE** are entered.

Press the **OK** button to store the details.
Press again when you are asked, "Are you sure?".

OK

MENU	
TELETEXT	FASTEXT
CH COLOUR SET	
CHILD LOCK	OFF
D. PNR	AUTO
MPEG NR	OFF
3D-COMB	ON
TEXT SELECT	ENGLISH
▼	

MENU	
TUNING MENU	ACCESS
OWNER ID	
LANGUAGE	
▼	

You now have the opportunity to enter your details and help the police crack crime see instruction book

Change character
Select character
EXIT ——— Store Owner ID

Owner ID
PIN NUMBER : * * * *
NAME : * * * * * * * * * * * * *
HOUSE NO : * * * * * * * * *
POSTCODE : * * * * * * * * * *

`0123456789`

For future reference,
write your **PIN NUMBER** here :

_____ _____ _____ _____

Aspect Controls

This set allows you to enjoy viewing the picture at its optimum size and aspect, including widescreen cinema format pictures.

Press the **ASPECT** button repeatedly to move through the aspect options:

16:9, **Just**, **4:3** and **Zoom**

ASPECT
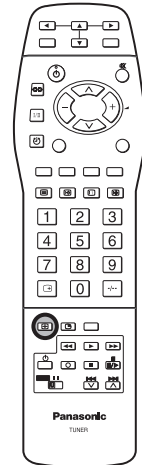
Mode	Picture	Explanation
4 : 3		4:3 will display a 4:3 picture at its standard 4:3 size.
Zoom		Zoom mode magnifies the central section of the picture.
16 : 9		16:9 will display the picture at its maximum size but with slight elongation.
Just		Just mode will display a 4:3 picture at its maximum size but with aspect correction applied to the center of the screen so that elongation is only apparent at the left and right edges of the screen. The size of the picture will depend on the original signal.

Still

Press the **STILL** button to freeze the picture.
Press again to return to watching the current programme.

HOLD

STILL
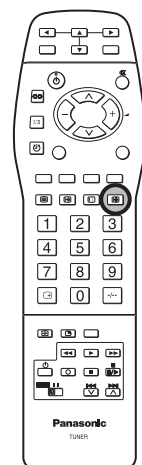
Note:
This button is effective only when watching the one-screen display in the TV/AV mode.

Multi window

Press the **MULTI PIP** button repeatedly.
Each time pressing this button main picture and sub picture will be displayed as follows bellow.

[Picture and Picture]   [Picture out Picture]   [Picture in Picture]

Press the **SWAP** button to swap main picture and sub picture.
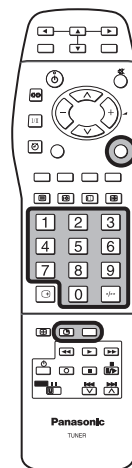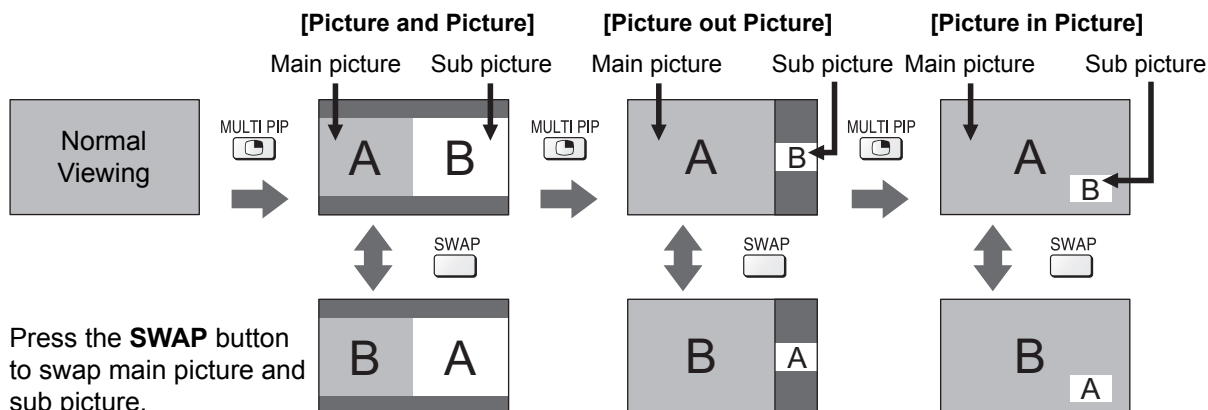
Notes:
- Sound output is from the main picture.
- In 2 screen display, the same input mode cannot be selected for the main picture and sub picture.
- The main picture and sub picture are processed by different circuits, resulting in a slight difference in the clarity of the pictures. There may also be a difference in the picture quality of the sub picture depending on the type of signals displayed on the main picture and depending on the 2-picture display mode.
- Due to the small dimensions of the sub pictures used for the picture in picture and picture out picture displays, these sub pictures cannot be shown in detail.
- Two computer screen pictures are displayed in a simplified format, and it may not be possible to discern details on them satisfactorily.
- When you want to display an input source in the sub screen, display it in the main screen first and then press SWAP to change the display.
- Each time the display is turned on, one screen display is shown.

Changing the channels

Press the Programme Number button on the remote control.

Note :
Newly selected channel will be displayed on the screen on which either TV or AV input signal is displayed, if TV or AV is displayed on the main or sub screen.
Newly selected channel will be displayed on the main screen, if neither TV nor AV is displayed on the main or sub screen.
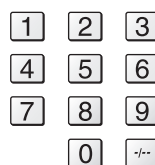
Changing the mode

Press to select TV, AV, PC IN, Input.

Notes :
- TV and AV input signal cannot be displayed together.
- Either INPUT1 or PC IN input signal will be displayed on the main screen, if TV or AV input signal is displayed on the sub screen.
  TV, AV, INPUT1 or PC IN (which is not displayed on the sub screen) will be displayed on the main screen, if anything other than TV or AV is displayed on the sub screen.

Teletext operation

- Teletext features may vary depending on the Broadcasting Companies and is only available if the channel selected is transmitting Teletext.
- Pressing the **MENU** button whilst in Teletext operation will display the contrast function with a cyan bar, press ◄ ► to alter the setting as required.
- Pressing the **MENU** button whilst in Teletext operation will display special function options at the bottom of the screen.

What is List mode ?
In List mode, four differently coloured page numbers are situated at the bottom of the screen. Each of these numbers can be altered and stored in the TV's memory.

What is FASTEXT mode?
In FASTEXT mode, four differently coloured subjects are situated at the bottom of the unit. To access more information about one of these subjects, press the appropriately coloured button. This facility enables fast access to information on the subjects shown.

Notes:
- If Teletext is in use, the aspect ratio is set to 16:9.
- Depending on the area, this operation may not be available.
- Depending on the receiving signal, the menu may be changed.

TV / Teletext mode
Press the **TV/TEXT** button to switch between the current programme.
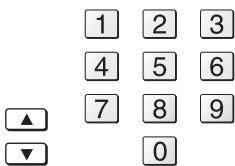
Page Selection
Pages can be selected in two ways :
a. Press the Up / Down buttons to increase or decrease the page number by one.
b. By entering the page number, using 0 - 9 on the remote control.

Full / Top / Bottom
Press the **MENU** button to display special functions, followed by the **Green** button.
Press the **Green** button again to expand the BOTTOM half.
Press again to return to normal (FULL) size.

Reveal
Press the **MENU** button to display special functions, followed by the **Red** button to reveal hidden words e.g. quiz page answers. Press again to hide.

Red / Green / Yellow / Blue buttons
In FASTEXT mode they correspond to the differently coloured subjects.
In List mode they correspond to the differently coloured page numbers.
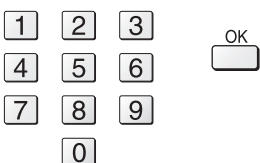
List Store
In List mode the four page numbers can be altered (programme positions 1 - 25 only).
To do this, press one of the four coloured buttons and enter the new page number.
Press and hold the **OK** button, the page numbers will change to white indicating that the page is stored.

HOLD
To hold the Teletext page when viewing multi-page information.
Press again to return to automatic page update.

Teletext operation

It is not possible to change the programme position when in News flash, Update or Sub Coded Page Access operation.
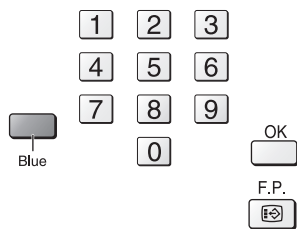
Favourite Page (F.P.)

Stores a favourite page in memory for instant recall. To store such a page, the TV must be in List mode, and the programme position must be from 1 - 25.

Press the **Blue** button, select the page number, then press and hold the **OK** button. The page number is now stored.

Press **F.P.** to recall this page.

Update Display

Press the **MENU** button to display special functions, followed by the **Yellow** button to view the TV picture whilst searching for a Teletext page. When found, the screen will display the page number at the top left. Press the **Yellow** button to view the page.

Press the **TV/TEXT** button again to return to normal TV operation.

News Flash

When a news flash page has been selected, press the **MENU**, **Yellow** buttons, to view the TV picture. When an update is received, the page number will be displayed on screen.

Press the **Yellow** button to display the News Flash.

Press the **TV/TEXT** button to return to normal TV operation.

Update

Press the **MENU**, **Yellow** buttons to see the update of information on certain pages. When an update is received, the page number will be displayed at the top left of the screen.

Press the **Yellow** button to view the page.

Press the **TV/TEXT** button to return to normal TV operation.

Accessing sub pages

When Teletext information exceeds one page, it may take some time for the automatic changing of the sub pages to reach the sub page you require. As each sub page is found its number is displayed at the top of the page so that you may select it; as more sub pages are picked up, the display at the top of the page changes, so that you are always offered the most recently transmitted selection of sub pages.

In Teletext operation, use the following procedure to access sub pages:

If the sub page you want to look at is not yet available, press the **MENU** button (to display special functions) followed by the **Yellow** button to view the TV picture whilst waiting for more sub pages to be found. The sub pages found will be displayed across the top of the screen.

When the sub page you are waiting for is available press the **Yellow** button to return to viewing the Teletext pages, then use the left and right cursor buttons to select the sub page of your choice.

Notes:
• If you do not want to display the on screen selector keys on the TV picture whilst waiting for a sub page to be found, press the **MENU** button to clear the keys from the screen. Press again to redisplay the keys.
• If you have cleared the special function keys from the screen and then used the left and right cursor buttons to select a sub page, whilst still viewing the TV picture, you must press the **MENU** button then the **Yellow** button to display the Teletext page again.
• If the top of the page indicates that sub pages are being transmitted but the page displayed never changes, then the 'sub page number' is there to show the page contents have been updated, there are no sub pages.
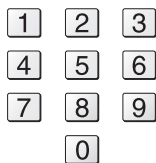
MENU

Blue

Alternatively, if you know which sub page you require, press the **MENU** button (to display special functions) followed by the **Blue** button; T**** will be displayed where the page number is normally found.
Enter desired sub page number before the T**** disappears.
e.g., to select page 6 enter 0, 0, 0 and 6.
Press the **Yellow** button to view the TV picture whilst waiting for more sub pages to be found. The sub pages found will be displayed across the top of the screen.
When the page is available, press the **Yellow** button to view the page. Regardless of how many pages are found, pressing the **Yellow** button will take you to the sub page which you requested.

Press the **TV/TEXT** button to return to normal TV operation.

INDEX

INDEX
When in FASTEXT operation
Press the **INDEX** button to return to the main index page.
Depending on the way information is transmitted, this may have to be pressed more than once to return to the main index page.

Stereo / Bilingual Sound Selection

⚆/▽
I/II

When you receive the stereo / bilingual sound system, sound output modes can be selected by pressing the **Stereo / Bilingual Sound Selection** button.

Audio Signal	STEREO	MAIN Ⅰ	SUB Ⅱ	MONO
Mode Indicator	⚆	Ⅰ	Ⅱ	▽

NICAM ....Used in New Zealand, Singapore, Hong Kong etc.

Type of broadcast	Regular broadcast (Standard Audio)	Regular + NICAM MONO Ⅰ (MAIN Ⅰ)	NICAM STEREO	NICAM DUAL MONO (MAIN Ⅰ / SUB Ⅱ)
Mode Indicator	No Indicator ◄─► ▽	Ⅰ ◄─► ▽	⚆ ◄─► ▽	Ⅰ ──► Ⅱ ▽

A2 (German) ....Used in Australia, Malaysia etc.

Type of broadcast	Regular broadcast (Standard Audio)	BILINGUAL or DUAL MONO: MAIN Ⅰ / SUB Ⅱ	STEREO
Mode Indicator	No Indicator ◄─► ▽	Ⅰ ◄─► Ⅱ	⚆ ◄─► ▽

Notes:
• If the stereo signal is poor or the receiving conditions are not optimum or if STEREO:MONO automatic switching occurs, it is recommended you switch from STEREO to MONO.
• Even when the contents of the receiving signal undergo changes, selection mode is kept intact.
• When the receiving conditions deteriorate, listening will be easier if the mode is set to the MONO position, using the stereo / bilingual sound selection button.
• DUAL, also known as DUAL MONO or as BILINGUAL is not currently transmitted in some countries.

Hotel mode Set up

Press the **MENU** button

Press the Programme Number Selection UP ⌄△, DOWN
⌄∨ buttons, the Direct Programme Number ⌐1⌐, ⌐2⌐, ⌐3⌐
buttons, ⌒TV/AV button in order within 1 second (as for ⌒TV/AV
button, press and hold for 3 seconds).

Move to choose menu option.

Adjust chosen option.

Note:
Turn the power off and on again to enable the new settings
with the remote control or directly pressing the unit button.

Hospitality Mode	Select "ON" when you use this terminal board.
	OFF / ON
	Note: Be sure to select "OFF" when you do not use Hospitality Port as it is set to "ON" before the shipping.

Hotel mode

Hotel mode	
Hospitality Mode	**ON**
Initial INPUT	OFF
INPUT lock	OFF
Initial POS	OFF
Channel lock	OFF
Initial Volume Level	OFF
Maximum Volume Level	OFF
OSD OFF	OFF
Button lock	OFF
Remote lock	OFF
ES Timer	OFF
SLEEP	OFF

Initial INPUT
Select the input mode when power-on.
OFF / TV / AV / SLOT / PC
Notes:
• SLOT option cannot be shown when no SLOT insertion.
• INPUT Lock will be OFF if this mode is set during INPUT Lock setting.

INPUT lock
Always set the TV input signal.
OFF / TV
Note: Initial INPUT will be OFF if this mode is set during Initial INPUT setting.

Initial POS
Set the position when power-on.
When "POSITION" is selected in "CH SELECT"
OFF / 0 - 99
When "DIRECT" is selected in "CH SELECT"
OFF / 0 - 125
Note: Valid only when "TV" is selected in "Initial INPUT".

Channel lock
Always select the "POSITION" which is set in "Initial POS".
When "OFF" is selected in "Initial POS", always select the position which is set at the time.
OFF / ON

Initial Volume Level
Set the volume when power-on.
OFF / 0 – 63

Maximum Volume Level
Set the maximum volume.
OFF / 0 – 63

OSD OFF
Set the "Recall" display OFF when power-on.
OFF / ON
Note: INPUT signal and aspect are displayed even when this setting is set to "ON".

Button lock
Prohibit the key operation on the control panel.
Prohibit all the operations on the control panel when "All" is selected.
When "MENU and ENTER" is selected, prohibit the key operation of **Menu** and **Enter** on control panel.
OFF / MENU and ENTER / All

Remote lock
Prohibit the **MENU** key reception on the remote control.
OFF / MENU

ES Timer
Turn the power OFF when no operation continues for the set-up time.
OFF / 1 - 15

SLEEP
Turn the power OFF when no signal and operation continue for 10 minutes.
OFF / ON

English

SYSTEM SETTING MODE Set up

Note:
Be sure to perform this setting when PWD 8 series (TH-37PWD8WK/S, TH-42PWD8WK/S) is connected with this terminal board. If not, no setting is required.

Press the buttons to enter the SYSTEM SETTING MODE within 1 second in accordance with the order below.

Programme Number Selection UP ⟨∧⟩, DOWN ⟨∨⟩ buttons, Direct Programme Number [1], [2], [3], [6] buttons (as for [6] button, press and hold for 3 seconds).

USE SLOT3:

Select "YES" when SLOT3 is used, if not, select "NO". Turn the unit Off and On again to enable the new settings.
YES/NO

Note:
Without the correct settings, input switch may malfunction.

When use Slot 3
Set the value "YES".

SYSTEM SETTING MODE	
USE SLOT3	YES

When not in use Slot 3
Set the value "NO" (default setting).

SYSTEM SETTING MODE	
USE SLOT3	NO

Notes:
• Be sure to set the value "NO" while TH-37PWD8WK/S is used.
• No setting is required while PS/H9 series is used.

English

Display's setting

Use the display's remote controller and set the "Serial Slot Select" item in the Options menu to "Slot2".
Note: No setting is required when using the TH-37PWD8WK/S or the TH-42PWD8WK/S.

[Options menu operation method]
① Press the [SET UP] button to display the "Setup" menu.
② Press the [▲/▼] buttons to select "OSD Language".
③ Press and hold the [SURROUND] button for 3 seconds or longer to display the "Options" menu.
④ Press the [▲/▼] buttons to select "Serial Slot Select".
⑤ Press the [◄/►] buttons to set "Slot2".
⑥ Press the [SET UP] button to end the setting.

Example display

Options		3/3
Slot power		Off
V. Installation		Off
Rotate		Off
Serial Slot Select	◄	Slot2 ►

Replicating the settings – Set Up Loader

The Set Up Loader (separately purchased) replicates the settings of the master set into other units.

Selecting the master set settings

Select the settings of the master set (see pages 9-12).
You can replicate the following settings.

Terminal Board setting

Menu	Submenu
Tuning (P.9)	CH SELECT, SYS SELECT, AUTO TUNE or MANUAL TUNE tuning results, SOUND SYS, COLOUR SYS, SKIP
Set up (P.13)	TELETEXT, CH COLOUR SET, CHILD LOCK, D.PNR, MPEG NR, COLOUR SYS, 3D-COMB, TEXT SELECT, LANGUAGE
Hotel mode (P.20)	Hospitality Mode, Initial INPUT, INPUT Lock, Initial POS, Channel lock, Initial Volume Level, Maximum Volume Level, OSD OFF, Button lock, Remote lock, ES Timer, SLEEP

Display setting

Menu	Submenu
Picture	Picture Mode, Contrast, Brightness, Colour, Tint, Sharpness, White balance, Colour Management
Advanced settings (when the setting turns on)	Gamma, AGC
Sound	Sound Mode, Bass, Mid, Treble, Balance, Surround

Notes:
• Exclusive remote control is required for the Display's setting. Refer to the operating instructions for the setting details.
• Selected set values of Picture Mode and Audio Mode above will be replicated.

Copy the master set setting to the Set Up Loader

Preparation
1. Set up the master set. Refer to the <Selecting the master set settings> (noted above) for what kind of settings you can copy.
2. Turn the unit off only with pressing the unit button (not with the remote control). Subsequently connect the unit with the Set Up Loader via cable. Be sure that [GREEN] LED (upper right of the Set Up Loader) lights when connecting the M3 plug.

1 Set up the master set.
Turn the unit off first. Subsequently connect the unit with the Set Up Loader via cable.
Turn the unit on with connecting the Set Up Loader.

2 Press the terminal board's remote control buttons within 1 second in accordance with the order below to enter the UP LOADING Mode.
Programme Number Selection UP ⌃, DOWN ⌄ buttons, Direct Programme Number ①, ②, ③, ⑦ buttons (as for ⑦ button, press and hold for 3 seconds). Data copy will be started when OK button is pressed.

<SET UP MODE>
[UP LOADING]

TV -> LOADER
PUSH OK KEY

3 Progress is shown on the unit during writing the data to the Set Up Loader.

[RED] LED (upper left of the Set Up Loader) blinks for about 5 seconds when you fail the data copy.

If progress does not become 100% and this is displayed, you fail the data copy. Turn the unit off and repeat the procedure 2 again.

<SET UP MODE>
[UP LOADING]

WRITING DATA ...
PROGRESS 5%

<SET UP MODE>
[UP LOADING]

WRITE FAILED
PLEASE TURN OFF

4 You can complete the data copy successfully when this is displayed.
Turn the unit off and disconnect the cable.

<SET UP MODE>
[UP LOADING]

WRITE COMPLETED
PLEASE TURN OFF

English
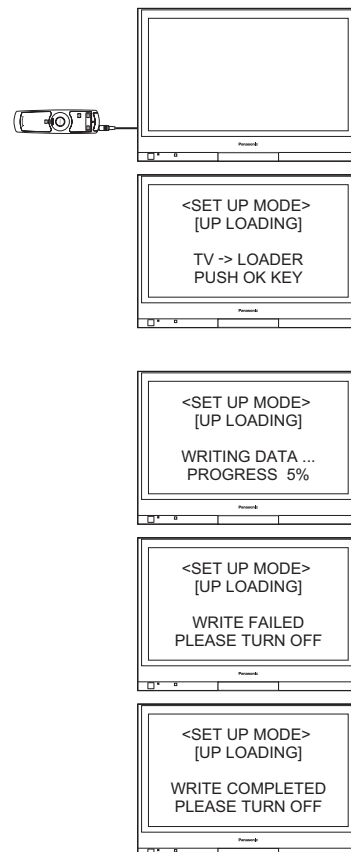
Copy the Set Up Loader data to the other units

1 Press the **POWER** key on the Set Up Loader to turn the unit on.
Press **A** then **B** in order within 1 second to set the DOWN LOADING mode.
When you enter the mode, this is displayed. If not, repeat this procedure
again.

```
<SET UP MODE>
[DOWN LOADING]

LOADER -> TV
PUSH ENTER KEY
```

2 Press the **ENTER** key on the Set Up Loader and start copy. [RED] LED
(upper left of the Set Up Loader) blinks for about 5 seconds when you fail the
data copy.
Point the Set Up Loader at the unit until the progress becomes 100%.

```
<SET UP MODE>
[DOWN LOADING]

RECEIVING ...
PROGRESS  5%
```

If the progress does not become 100 % and this is displayed, turn the unit
off and repeat the procedure 1 in <Copy the Set Up Loader data to the other
units> again.

```
<SET UP MODE>
[DOWN LOADING]

DATA INPUT ERROR
PLEASE TURN OFF
```

If the progress does not become 100 % and this is displayed, make sure that
the master set setting copy is successfully operated.

```
<SET UP MODE>
[DOWN LOADING]

DATA INPUT ERROR
CHECK REMOCON
PLEASE TURN OFF
```

3 The data copy is successfully done when the progress becomes 100%.
When this is displayed, you can stop pointing the Set Up Loader at the unit.
Wait until "PLEASE TURN OFF" is displayed to write the data which is held
in the unit to the memory.

```
<SET UP MODE>
[DOWN LOADING]

WRITING DATA ...
PROGRESS  5%
```

If the progress does not become 100 % and this is displayed, turn the unit
off and repeat the procedure 1 in <Copy the Set Up Loader data to the other
units> again.

```
<SET UP MODE>
[DOWN LOADING]

WRITE FAILED
PLEASE TURN OFF
```

4 Data copy is completed when this is displayed. Turn the unit off and on again
to enable the new settings. Enjoy watching the unit with the same setting as
the master set!!

```
<SET UP MODE>
[DOWN LOADING]

WRITE COMPLETED
PLEASE TURN OFF
```

English
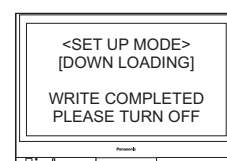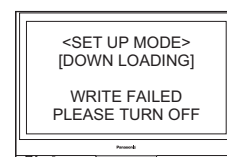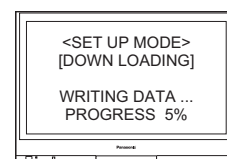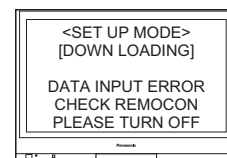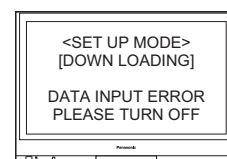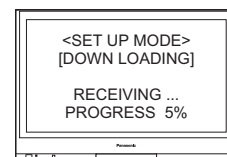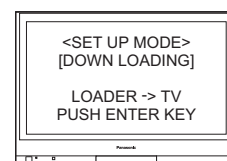
Troubleshooting

If there is a problem with your set please refer to the table below to determine the symptoms, then carry out the suggested check. If this does not solve the problem, please contact your local Panasonic dealer, quoting the model number and serial number.

Symptoms		Checks
Picture	**Sound**	
Snowy Picture	Noisy Sound	Aerial location, direction or connection
Multiple Images	Normal Sound	Aerial location, direction or connection
Interference	Noisy Sound	Electrical appliances Cars / Motorcycles Fluorescent lights Switch on D.PNR in MENU to reduce picture noise.
Normal Picture	No Sound	Volume level Sound mute switched on.
No Picture	No Sound	The set to AV mode. Not plugged into AC outlet. Not switched on. Picture / Sound controls set at minimum levels. Check if in Standby mode.
No Colour	Normal Sound	Colour controls set at minimum levels. Colour System
Poor or Distorted Picture	Weak or No Sound	Retune Channel (s).
Normal Picture	Weak or Distorted Sound	Sound reception may have deteriorated. Sound System
No teletext operation		Hospitality Mode "OFF" in HOTEL MODE
No Hospitality Mode operation		Hospitality Mode "ON" in HOTEL MODE
Input signal switch malfunctioning		SYSTEM MODE settings
"Please check the position of the installed slot" is displayed.		Check to make sure the terminal board is installed in the correct slot and confirm that the "Serial Slot Select" item of the display to set to "Slot2." (see page 21)

Specifications

		TY-FB8TA	
Receiving System		17 Systems	Function
	1	PAL B, G, H	Reception of broadcast transmissions and Playback from Video Cassette Tape Recorders.
	2	PAL I	
	3	PAL D, K	
	4	SECAM B, G	
	5	SECAM D, K	
	6	SECAM K1	
	7	NTSC M (NTSC 3.58/4.5 MHz)	
	8	NTSC 4.43/5.5 MHz	Playback from Special VCR's or DVD
	9	NTSC 4.43/6.0 MHz	
	10	NTSC 4.43/6.5 MHz	
	11	NTSC 3.58/5.5 MHz	
	12	NTSC 3.58/6.0 MHz	
	13	NTSC 3.58/6.5 MHz	
	14	SECAM I	
	15	PAL 60 Hz/5.5 MHz	Playback from Special Disc Players and Special VCR's or DVD
	16	PAL 60 Hz/6.0 MHz	
	17	PAL 60 Hz/6.5 MHz	

Receiving Channels	Regular TV		
	VHF BAND	**UHF BAND**	**CATV**
	2-12 (PAL/SECAM B, K1)	21-69 (PAL G, H, I/SECAM G, K, K1)	S1-S20 (OSCAR)
	0-12 (PAL B AUST.)	28-69 (PAL B AUST.)	1-125 (U.S.A. CATV)
	1-9 (PAL B N.Z)	13-57 (PAL D, K)	C13-C49 (JAPAN)
	1-12 (PAL/SECAM D)	13-62 (NTSC M Japan)	S21-S41 (HYPER)
	1-12 (NTSC M Japan)	14-69 (NTSC M U.S.A.)	Z1-Z37 (CHINA)
	2-13 (NTSC M U.S.A.)		5A, 9A (AUST.)
OUTPUT			
AUDIO OUT	AUDIO L-R (RCA Pin Type × 2)	0.5 Vrms	
VIDEO OUT	VIDEO (BNC Type)	1.0 Vp-p (75 Ω)	
Others	Ir System terminal × 1		
INPUT			
AUDIO IN	AUDIO L-R (RCA Pin Type × 2)	0.5 Vrms	
VIDEO IN	VIDEO (BNC Type)	1.0 Vp-p (75 Ω)	
	S-VIDEO (MINI DIN 4-pin)	Y:1.0 Vp-p (75 Ω) C:0.286 Vp-p (75 Ω)	
ANT-IN	UHF / VHF		
Mass (Weight)	0.55 kg		

Note:
Design and specifications are subject to change without notice. Mass and dimensions shown are approximate.

English

目录

特点

■ 可以接收地面模拟广播
可将附宾馆端口的U/V调谐器插件TY-FB8TA 安装到机器的插槽内，接收地面模拟广播。

■ 可以连接各种视频设备
可以连接VCR 或DVD 以便在本机上欣赏输入的视频，或者将视频传送到连接的监视器上欣赏。

适用型号：等离子显示器：PG/R系列，PS/H9W系列（仅供新加坡和印度使用），PWD8系列
　　　　　（例. TH-42PG9W，TH-42PH9WK，TH-42PWD8WK/S）

　　* 有关适用的型号，请参考本机的使用说明书。

中文

安全注意事项

■ 警告

- **切勿试图分解或改装本产品。**
  以防着火、触电或发生故障。
- **操作时如果发现冒烟、怪味或者异常的噪音，请立即拔下本机的插头。**
  关闭本机并从电源插座上拔下插头。
  为避免着火或触电，请勿让本机的电源一直开启。
- **为避免触电或其它问题，请不要让本机的插头一直插在电源插座上。**

- **请联系指定的维修服务部门对本产品进行安装或改装。**
  致维修服务人员：
  在取出或安装端子板之前，请务必关闭本机的电源并从电源插座上拔下电源线插头。

操作注意事项

- **请勿直接用手接触连接器的触点。**
  为避免静电损坏内部器件，在对本产品进行操作之前，请触摸诸如钢制橱柜等较大的金属物体释放身体内的静电。
- **请务必使用随机附带的电缆或指定的部件进行连接。**
  为避免故障或失灵，请不要使用推荐部件以外的其它部件。
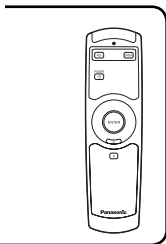

附件 / 选项

请检查确认随机附件。
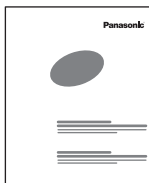
- 遥控器
  N2QAYB000020
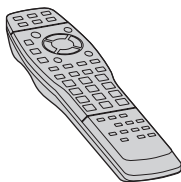
- 遥控器用电池
  (2 × R6(AA) 号)
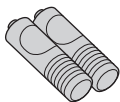
- 端子功能贴标（1张）

  （将此贴标贴在本机的后面板上的适配插槽附近。）
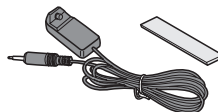
选购附件
- 设置输入器
  TY-RM09SL

- 终端插件更换说明书

- Ir系统连线（1条）
  (K2ZZ02C00006)

- 螺丝（×4）

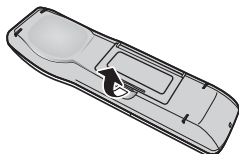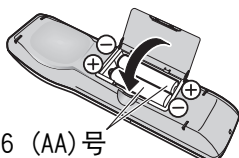## 遥控器用电池

1. 打开电池舱盖。

2. 装入电池。要注意极性正确
   （+和−极）。

   R6（AA）号

⚠ **注意事项**
电池使用不当会造成电解液泄露，漏液会对物体造成损坏并且可能会引发火灾。
- 请勿混用新旧电池。
- 请勿同时使用不同类型的电池。（如锌碳电池和碱性电池）
- 请勿加热或使其靠近明火。
- 请勿拆卸电池或使其短路。
- 请勿试图对用过的碱性电池或锰电池充电，使其短路，或对其进行分解、加热或燃烧。
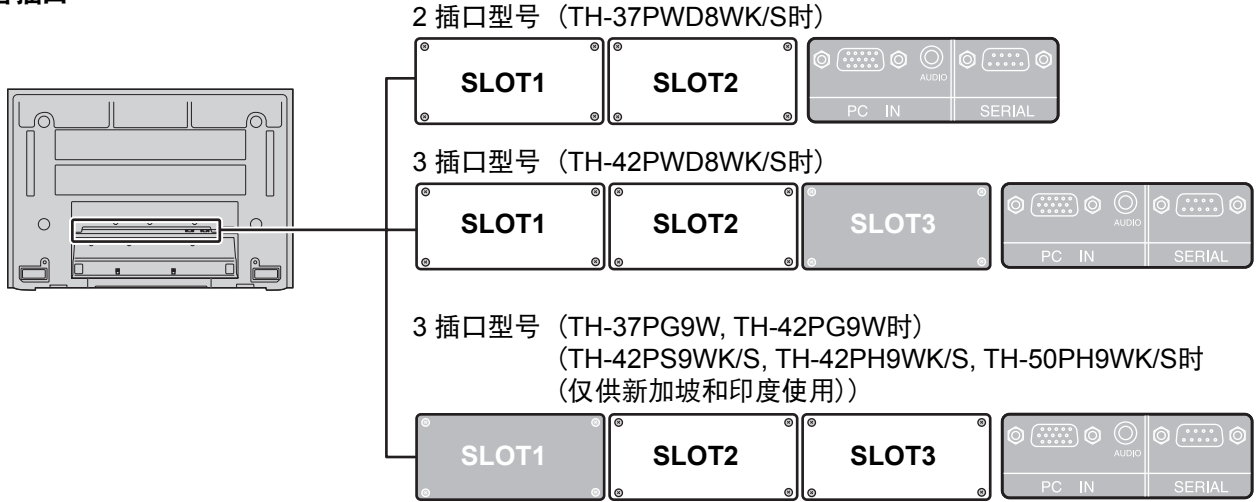- 如果遥控器无法正常工作，请更换电池。
- 切勿焚烧电池或将其解体。
  不能使电池过度受热，例如阳光照射、火中等。

参考
要长时间使用遥控器，请使用碱性电池。

中文

安装

注意事项
- **取出之前，用调谐板的遥控器关闭电源，然后关闭本机的主电源。**
- **安装或取出端子板时，请小心避免受伤。**
  端子板的后面可能会有一些尖头的焊接点，这些焊接点可能对人造成意外伤害。
- **安装端子板时，请沿水平方向将板完全插入插槽，直至其牢固地插入连接器内。**
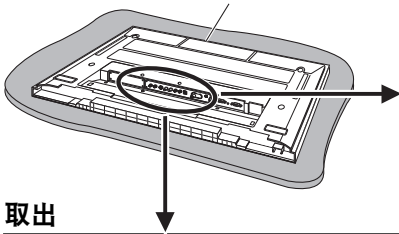 请注意，不完全插入可能会损坏内部器件。

■ **兼容插口**

2 插口型号（TH-37PWD8WK/S时）

| SLOT1 | SLOT2 |

3 插口型号（TH-42PWD8WK/S时）

| SLOT1 | SLOT2 | SLOT3 |

3 插口型号（TH-37PG9W, TH-42PG9W时）
（TH-42PS9WK/S, TH-42PH9WK/S, TH-50PH9WK/S时
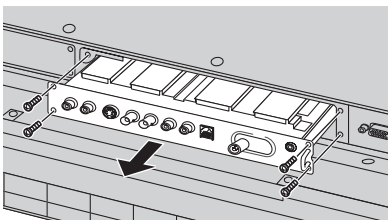（仅供新加坡和印度使用））

| SLOT1 | SLOT2 | SLOT3 |

■ **安装步骤**
1 关闭显示器和所连接的设备的电源，从插座上拔下电源插头。断开连接至显示器的所有电缆。
2 按照下列步骤将调谐板安装在显示器上。
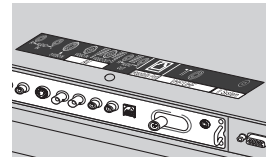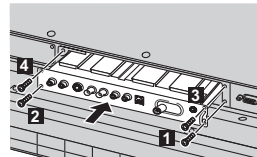
泡沫垫或较厚的软布

取出

取下插槽盖。抓住端子板的把手，然后沿箭头方向将其慢慢拉出。

安装

1. 取下插槽盖。

2. 插入端子板，直至其牢固地插入连接器内。
   按照 ❶ - ❹ 的顺序上紧螺丝。

固定螺丝

3. 贴上端子功能贴标（附带）。
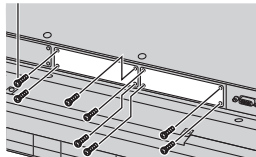
- 注意务必不要让端子板压在下面两个固定爪上。
- 请务必上紧全部螺丝。
- 请保留取出来的端子板，以备将来维护时使用。

[使用TH-37PWD8WK/S或TH-42PWD8WK/S时无需下列步骤。]
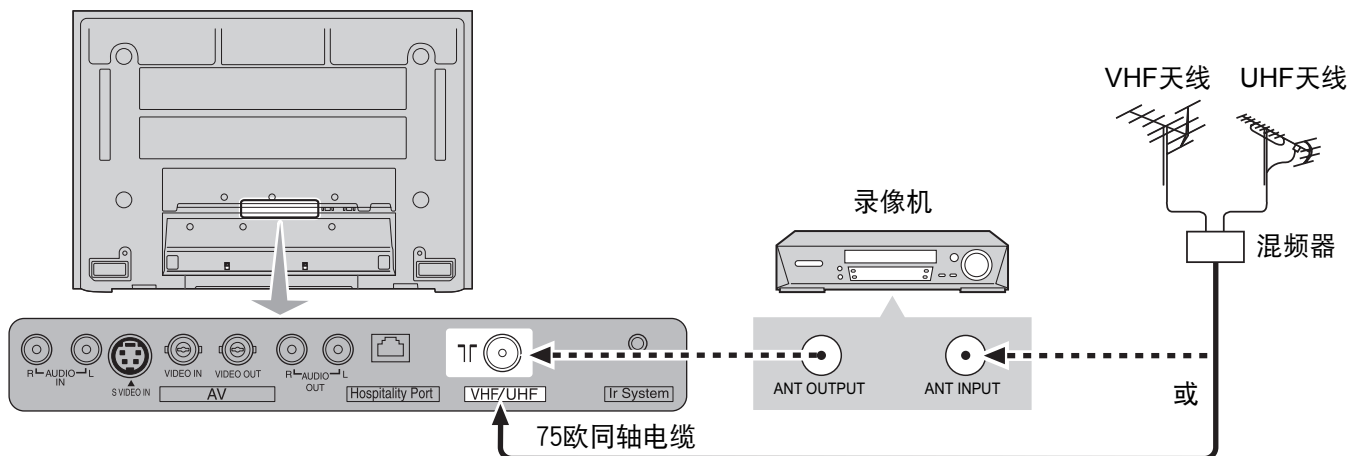3 将电源插头插入插座，接通显示器的电源。
4 用显示器的遥控器检查Options 菜单中的 "Serial Slot Select" 项目是否设为 "Slot2"。如果设为 "Slot2" 之外，请将设置改为 "Slot2"。
注意： 商业用显示器 (例如TH-50PHXX) 的默认设置是 "Slot1"，请务必检查设置。如果设置不正确，调谐板将不能正常发挥作用。

有关Options菜单的操作方法，请参见第44页上的 "显示器设定"。

中文

天线连接

为了获得正常的VHF/UHF频道接收效果，需要使用一外接天线。为获得最佳的接收效果，建议使用一室外天线。

注意：
- 请勿将同轴电缆置于交流电缆附近，以避免产生噪音。
- 请不要将同轴电缆放置在本机的下面。
- 本机不附带所示的附加设备、电缆和转接器的插头。
- 为获得最佳质量的图像和声音，需要一使用正确电缆（75欧同轴）和正确端接插头的天线。
- 如果使用共用天线系统，您需要墙壁天线插座和电视机之间的正确的连接电缆和插头。
- 贵地的电视维修服务中心或经销处可能会协助您获得贵地区特定的正确天线系统和附件。
- 涉及天线安装、现有系统升级或所需附件的有关任何事项以及费用均由您自行解决。

天线电缆的处理

为防止视频噪音，请正确固定天线电缆。

后面
远离本机进行排线。

后面
不要靠近本机进行排线。

前面
不要从本机的前面排线。
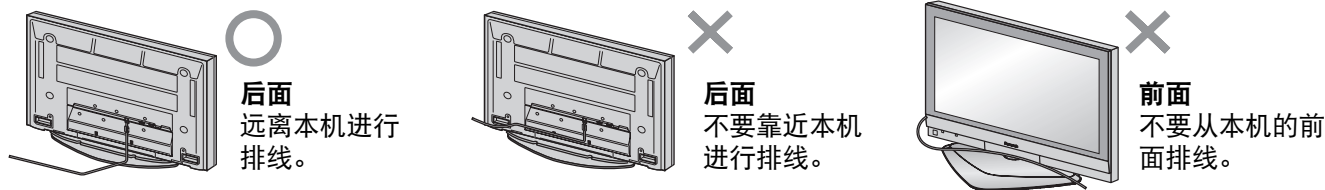
电源的开/关

准备
连接电源线。

按本机上的 ⏻/I 开关打开电视机。
显示**Owner ID**设定画面。见第37页。

要将本机切换至待机模式，请按遥控器上的 ⏻ 钮。
如果本机切换至待机模式，通过再次按 ⏻ 钮可以将本机打开。

⏻/I 开关

遥控信号感应窗

电源指示灯(待机时：红色)

中文

连接外部设备

可以将各种附加设备连接至本电视机。下面几页详细介绍如何将外部设备连接至电视机。
一旦连接上设备，请用下列步骤观看该输入：

按TV/AV钮。

TV/AV

> TV ⟶ AV ⟶ PC IN ⟶ Input1

（PWD8系列时）

> TV ⟶ AV ⟶ Input3 ⟶ PC IN
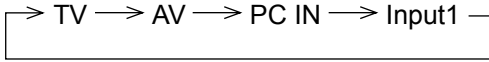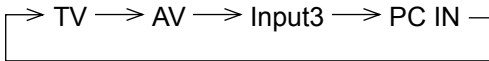
注意：
- 电视机不附带所示的附加设备和电缆。
- 此视频输出端子用于S视频信号。
- S视频信号输入（S VIDEO IN）先于复合信号输入（VIDEO IN）。
- 使用CRT TV电子枪扫描系统的光线枪游戏机与本机不兼容。
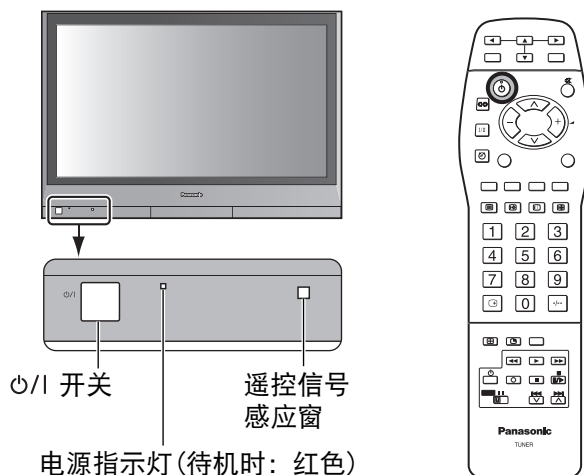- 仅当选择"AV"作为TV/AV的输入源时，VIDEO OUT方可使用。PWD8系列的INPUT1（见第28，39页）
- 与Hospitality Port连接前，务必要将Hotel mode的Hospitality Mode设为"ON"（见第43页）。不使用时，务必要设为"OFF"。然后进行其他插槽的设定。

输入信号源之例

录像机

S视频录像机

DVD播放机

摄像机
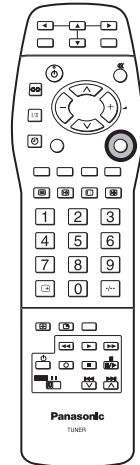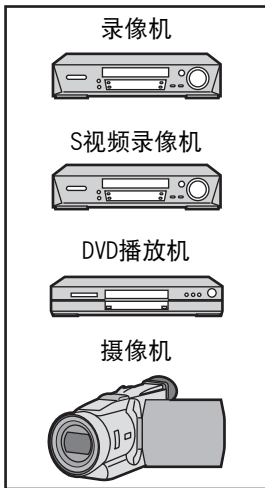
连接S-VIDEO（S视频）或VIDEO（视频）端子。

视频输出

S视频输出

声频输出 L R

S-VIDEO（S视频)4插针端子

色度输入   灰度输入

色度接地   灰度接地

设置输入器

数码界面插口   PPV盒

RCA-BNC转接器插头

R ⌐AUDIO⌐L IN   S VIDEO IN   VIDEO IN   VIDEO OUT   R⌐AUDIO⌐L OUT   AV   Hospitality Port   VHF/UHF   Ir System

输出信号源之例

录像机

监视器

至扬声器系统的放大器

视频输入

声频输入 L R
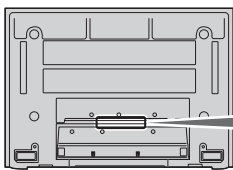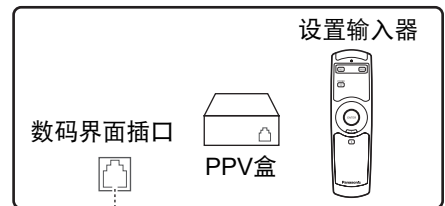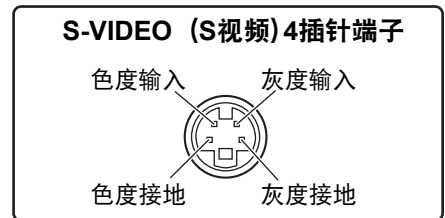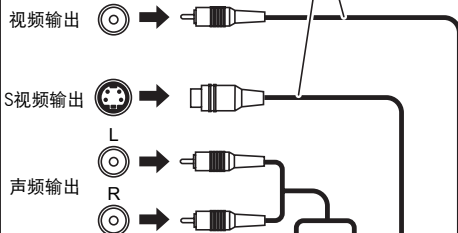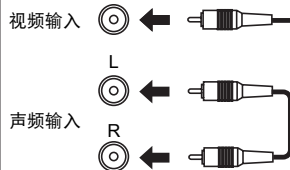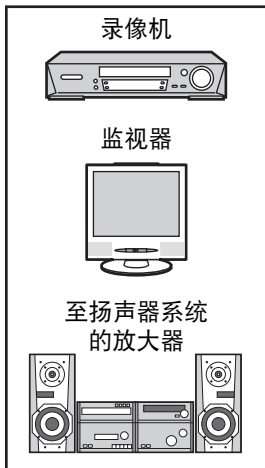
Ir系统端子
连接Ir系统(K2ZZ02C00006)时，将遥控器指向本机可以对附加的 Panasonic 设备进行操作。也可以将附加的 Panasonic 设备的遥控器指向本机进行使用。有一部分的机器不可以使用。

中文

基本控制

MENU（菜单）钮
按钮进入设定菜单。
（见第31、32、34、36、37页）

光标按钮，用来做选择和调节。

按该钮存储调谐菜单和图文电视的设定。

待机开/关钮
切换本机（待机模式）的开或关

静音开/关

音量增/减钮

环绕声开/关
每次按钮打开或关闭。

节目号码选择
按此钮可选择下一个更大或更小的节目号码。

立体声/两国语声音选择 （见第42页）

定时关机钮
在预设的时间关机，可以在0到90分钟内以30分钟为间隔选择时间。

按动来依次选择TV、AV、PC IN、Input1，但不包括PDP8系列。
（见第29页）

文字保持/图像静止
（见第38、40页）

R-TUNE（再调谐）钮
按此钮可切换到前面观看过的频道。

图文索引（见第42页）

直接节目号码（见第33页）
选台方式＝预定
可按"节目号码"钮直接选择号码，
按"二位数"和"节目号码"钮来选择二位数的数字。

带有颜色的按钮用于各种功能的选择、导航和操作。

节目号码8....... 8

节目号码12...... -/-- , 1 , 2
选台方式＝直接
可按相应的节目号码钮来直接选择该号码。

图文菜单钮（见第40至42页）

图文F.P.钮（见第41页）

频道号码8....... 8

频道号码36...... 3 , 6

呼出
按此钮可显示当前的系统状态，
例如：节目号码、频道号码、立体声模式。

频道号码124... 1 , 2 , 4

宽高比控制钮（见第38页）

多画面
（见第39页）

SWAP（切换）钮（见第39页）

VCR / DVD （录像机/DVD）钮
遥控器可用于操控所选择Panasonic牌录像机和DVD（数码通用光盘）设备的某些功能。某些录像机和DVD具有不同的功能，因此有关细节要参阅相应设备的使用说明书或向经销处洽询以确保其兼容性。

按钮	功能	按钮	功能
⏻	待机	▶▶	录像机： 快进 / 选看 DVD ： 慢放 / 搜寻
VCR ❙❙ DVD	录像机 / DVD选择开关	◀◀	录像机： 快倒 / 重看 DVD ： 慢放 / 搜寻
▶	播放	❙❙/▶	暂停 / 静止
■	停止	⏮ ⏭	录像机：节目号码升 / 降 DVD ： 跳过
		REC ●	录制

中文

30

使用屏上显示

如下所示用遥控器通过屏幕显示菜单进入和调节所需要的各项性能。

用**MENU**钮进入或退出设定菜单。

上下光标按钮用于移动光标和选择菜单。

左右光标按钮用于存取菜单、调节电平或在一定的选项范围内进行选择。

OK钮是在进行一系列功能的调节或选项设定后用于保存这些设定。

MENU钮用于退出菜单系统并返回至标准观赏画面。

本机上出现菜单的同时会出现一个屏上帮助对话框。此帮助对话框可注明遥控器上的哪些钮可用于所示的菜单导航，各种按钮功能的说明见上述。

注意：
因空间有限，本说明书的菜单图未表示出帮助对话框。

屏上帮助
"说明"对话框

选择
变换
退出

菜单	
图文菜单	FASTEXT
频道色彩设定	
儿童锁码	关
数码图像减噪	自动
MPEG 减噪	关
3D-COMB	开
文字选择	英语

中文

31

调谐

调谐菜单

准备
1. 按INPUT选择TV/AV。（PWD8系列的INPUT1）。
2. 按TV/AV选择TV模式。

按**MENU**钮。　　　　　　　　　　　　　　　　　　　　MENU

移动来选定"**调谐菜单**"。　　　　　　　　　　　　　▲　▼

存取"**调谐菜单**"。　　　　　　　　　　　　　　　◀　▶

移动来选定菜单选项。　　　　　　　　　　　　　　　▲　▼

调节所选定的选项或存取所选定的菜单。　　　　　　　◀　▶

任何时候按**MENU**钮均可返回为观赏电视。　　　　　　MENU
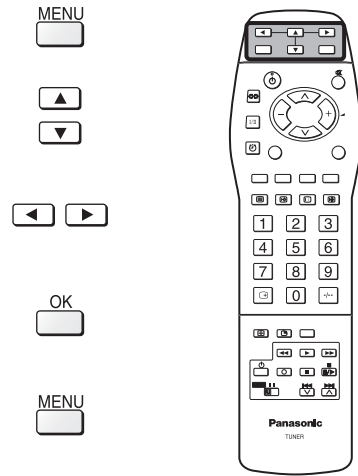
调节某些功能后按**OK**钮可将这些设定做为默认设定保存　　OK
（取代出厂设定）。

菜单

图文菜单	FASTEXT
频道色彩设定	
儿童锁码	关
数码图像减噪	自动
MPEG 减噪	关
3D-COMB	开
文字选择	英语

菜单

调谐菜单	进入
OWNER ID	
语言	
▼	

调谐菜单

选台方式	预定
制式选择	ASIA/M.EAST
自动调谐	
手动调谐	
声音系统	5.5MHz
色彩系统	自动
微调	
跳台	关
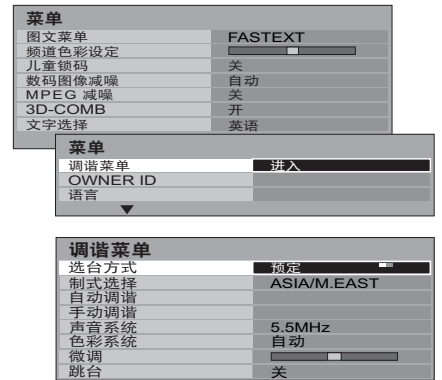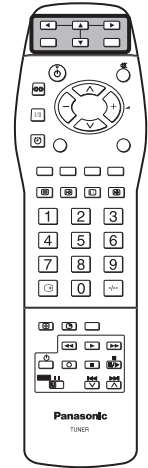
选台方式　　　　　　选择最易于观看频道的选择方法。见第33页。
　　　　　　　　　　　　预定/直接

制式选择　　　　　　选择制式。改变"制式选择"后按**OK**钮进行存储。

中国 ⟷ 香港/UK ⟷ ASIA/M.EAST ⟷ NZ/INDONES ⟷ AUSTRALIA

JAPAN ⟷ CATV ⟷ AMERICA ⟷ SPECL VER ⟷ E.EUROPE
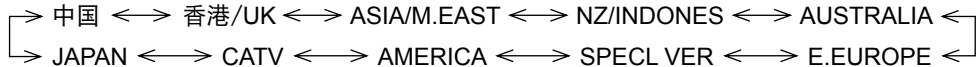
制式	地区
中国	中国
香港/UK	香港、英国
ASIA/M.EAST	马来西亚、新加坡、泰国、亚洲国家、科威特、沙特阿拉伯、阿联酋、中东国家等
NZ/INDONES	新西兰、印度尼西亚等
AUSTRALIA	澳大利亚
E.EUROPE	CIS、波兰等
SPECL VER	南非
AMERICA	美国、智利、墨西哥、巴拿马、秘鲁、菲律宾、台湾、委内瑞拉等
CATV	美国有线电视
JAPAN	日本

自动调谐　　　　　　可以重新调谐电视机。在搬家时或想要重新调谐电视机以便接收当地电台时非常有用。
　　　　　　　　　　　　见第34页。

手动调谐　　　　　　可手动调谐某个节目的预定。见第34页。

声音系统　　　　　　可允许您变换某个节目频道所使用的声音系统。
　　　　　　　　　　　　选择所希望的声音系统：
　　　　　　　　　　　　4.5MHz / 5.5MHz / 6.0MHz / 6.5MHz

色彩系统　　　　　　可用于选择正在接收传输信号的正确传输系统。见第36页。
　　　　　　　　　　　　自动 / PAL / SECAM / NTSC 4.43 / NTSC 3.58

微调　　　　　　　　用于对某个个别电台的调谐进行微小调节（例如当天气条件影响某个节目的接收质量时非
　　　　　　　　　　　　常有用）。要取消"微调"时，用"手动调谐"再次调谐。

跳台　　　　　　　　可以跳越过画面上未调谐出电视台的节目号码。只有按遥控器上的节目号码升降钮时，本
　　　　　　　　　　　　功能才有效。在标准观赏状态下，选择要跳越过的节目号码。然后存取"调谐菜单"，
　　　　　　　　　　　　将"跳台"设为"开"。

中文

频道选择

选择最易于观看频道的选择方法。

例
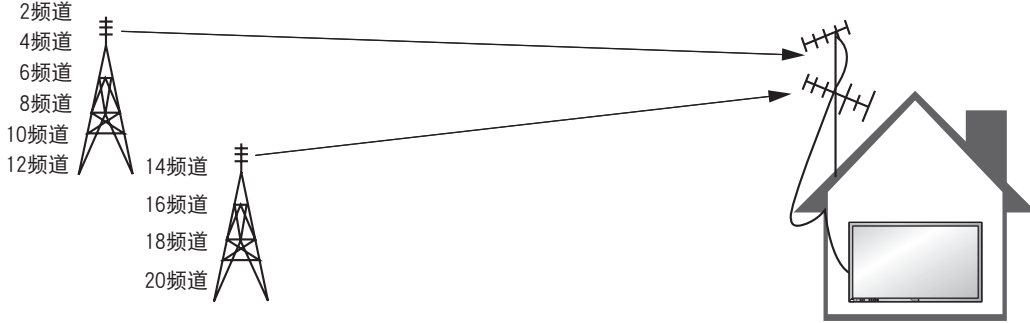
节目号码	频道显示	接收的频道
1	2	2
2	4	4
3	6	6
4	8	8
5	10	10
6	12	12
7	14	14
8	16	16
9	18	18
10	20	20

预定选择

当"选台方式"为"预定"时，将进行"自动调谐"，本机将按从节目1开始的顺序记忆所调谐出的频道。

按按钮 1 观看2频道。
按按钮 2 观看4频道。
按按钮 3 观看6频道。

在预定模式下，可观看各种接收频道。

例

节目号码	频道显示	接收的频道
1	–	–
2	2	2
3	–	–
4	4	4
5	–	–
6	6	6
7	–	–
8	8	8
9	–	–
10	10	10
⋮	⋮	⋮
20	20	20
⋮	⋮	⋮

直接选择

当"选台方式"为"直接"时，将进行"自动调谐"，本机将记忆与所调谐出的频道相同的节目号码。
此方法可通过直接按遥控器上的频道显示号码选择电台来选择所希望的频道。各个地区的广播电台的频道显示号码列于第35页。

中文

调谐

自动调谐

"自动调谐"自动重新调谐电视机。此特性非常有用，比如在搬家时或想要重新调谐电视机以便接收当地电台时。

按**MENU**钮。 MENU

移动来选定"**调谐菜单**"。 ▲ ▼

存取"**调谐菜单**"。 ◀ ▶

移动来选定"**自动调谐**"。 ▲ ▼

存取"**自动调谐**"。 ◀ ▶

注意：
- **如果进行下一步骤，所有调谐数据将被删除**（电视机内存中存储的所有电台及其节目位置将被清除，以便存储新的设定）。
- 如果此时在"自动调谐"完成之前就退出该步骤，则不会存储电台信息。重新开始并完成"**自动调谐**"程序，对电视机进行重新调谐。

按此钮来开始"**自动调谐**"。 ◀ ▶

电视机将对电台进行搜寻、定位、存储和排序。

此操作完成后，电视机将显示节目位置1上现存的节目。

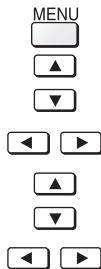任何时候按**MENU**钮均可返回为观赏电视（请阅读上述步骤的 **注意**）。 MENU

```
12
CH 12
                    Panasonic
自动设定中
检索中： 请稍侯
    存储完毕    CH  12

MENU  ：退出
```
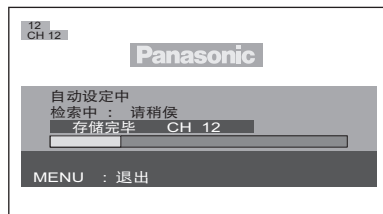
手动调谐

可重新调谐出某个节目预定：

按**MENU**钮。 MENU

移动来选定"**调谐菜单**"。 ▲ ▼

存取"**调谐菜单**"。 ◀ ▶

移动来选定"**手动调谐**"。 ▲ ▼

存取"**手动调谐**"。 ◀ ▶
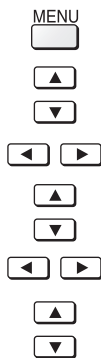
选择要调谐的节目预定。 ▲ ▼

反复按直至找到所希望的电台为止。 ◀ ▶

当找到所希望的电台时，按**OK**钮将其保存。该节目预定将闪烁。 OK

任何时候按**MENU**钮均可返回为观赏电视。 MENU

```
1
CH 12

频道位置  —/+
检索   —/+
        退出      存储
手动调谐
```
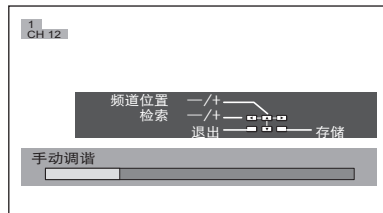
注意：
- 当接收某个播放或音像信号时，如果不能得到具有正常色彩的清晰图像，见第32页的"色彩系统"选择。
- "自动调谐"或"手动调谐"完成后，按节目号码升钮对每个节目号码的调谐状况进行确认。如果未使用某些节目号码的话，可以跳越过这些节目号码。见第32页的"跳台"功能。
- 当使用无视频和声频输入/输出端子的录像机时，按照录像机使用说明书中所述的那样连接天线电缆比较简便，并可将频道指定为节目号码"0"。此时，请在事先设定"色彩系统"和"声音系统"后再进行"手动调谐"。而且，使用多制式录像机时，将指定的频道设为数个节目号码会更为方便。

中文

频道分配

| 制式选择 频道显示	中国	香港/UK	ASIA/M.EAST	NZ/INDONES	AUSTRALIA	E.EUROPE	SPECL VER	AMERICA	CATV	JAPAN
					接收频道					
0	–	–	–	–	–	–	–	–	–	–
1	1	–	–	–	0	1	1	–	1	1
2	2	–	2	2	1	2	2	2	2	2
3	〜	–	〜	〜	2	〜	〜	〜	〜	〜
4		–			3					
5		–			4					
6		–			5					
7		–			S2					
〜		–			〜					
11		–	11	11		11	11			
12	12	–	12	–		12	12			12
13	13		–			–	13	13		13
14							–	14		
15					S10					
16					6					
〜					〜					
19					9					
20		–	–	–	9A	–	–			
21		21	21	21	10	21	21			
22					11					
23					12					
24					S11					
〜					〜					
28										
〜					〜					
57	57				S44					
58	–				20					
59	–				21					
〜	–				〜					
62	–	62	62	62		62	62	62	62	62
63	–	63	63	63		63	63	63	63	C13
〜	–	〜	〜	〜		〜	〜	〜		
69	–	69	69	69		69	69	69		
70	–	–	–	–		–	–	–		
〜	–	–	–	–		–	–	–		
73	–	–	–	–		–	–	–		
74	–	S'1	S'1	S'1		S'1	S'1	–		
75	–	S'2	S'2	S'2		–	S'2	–		
76	–	S'3	S'3	S'3		–	S'3	–		
77	–	–	–	–		–	–	–		
78	–	–	–	–		–	–	–		
79	–	–	–	–		–	–	–		
80	–	S1	S1	S1		S1	S1	–		
81	Z1	S2	S2	S2		S2	S2	–		
〜	〜	〜	〜	〜		〜	〜			
89	Z9	S10	S10	S10		S10	S10			
90	Z10	S11	S11	S11		S11	–	–		
91	Z11	S12	S12	S12		S12	–			
92	Z12	S13	S13	S13		S13	–			
93	Z13	S14	S14	S14		S14	S14			
94	Z14	S15	S15	S15		S15	S15			
95	Z15	S16	S16	S16		S16	S16			
96	Z16	S17	S17	S17		S17	S17			
97	Z17	S18	S18	S18		S18	S18			
98	Z18	S19	S19	S19		S19	S19			
99	Z19	S20	S20	S20		S20	S20	–	99	C49
100	Z20	S21	S21	S21		S21	S21	–	100	–
〜	〜									
107					69					
〜										
117	Z37				–					
118	–				–					
〜	–				〜					
120	–	S41	S41	S41	–	S41	S41	–		–
〜	–	–	–	–	–	–	–	–	〜	–
125	–	–	–	–	–	–	–	–	125	–

设定菜单

按**MENU**钮。

移动来选定菜单选项。

调节所选定的选项或存取所选定的菜单。

任何时候按**MENU**钮均可返回为观赏电视。
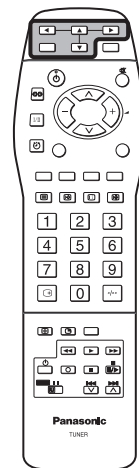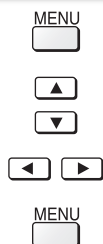
图文菜单	根据地区的不同，某些地区可能没有此项操作。 使您可以选择两种模式。见第40页。 FASTEXT/目录
频道色彩设定	因播放频道不同而异的色彩密度的各个接收频道可调节为三个级别。
儿童锁码	设为"开"时，正以电视机/AV模式观看的图像和声音消失，将出现一黑色画面。各个节目号码和各AV模式均可设定为"儿童锁码"。
数码图像减噪	自动减少不想要的图像杂讯。
MPEG减噪	降低MPEG杂讯。 关/开 当观看DVD、VCD或数码电视播放时，此功能可有效地降低数码杂讯信号。此效果根据情景和影像不同而异。 **MPEG**：DVD、VCD或数码电视播放所采用的影 像信号压缩技术。
色彩系统	AV模式下显示。如果接收某一广播或音像信号时不能获得当前色彩的清晰图像的话，可使用此功能。 自动/PAL/SECAM/NTSC 4.43/NTSC 3.58

电视机模式

菜单

图文菜单	FASTEXT
频道色彩设定	
儿童锁码	关
数码图像减噪	自动
MPEG 减噪	关
3D-COMB	开
文字选择	英语

菜单

调谐菜单	进入
OWNER ID	进入
语言	进入

AV模式

菜单

图文菜单	FASTEXT
频道色彩设定	
儿童锁码	关
数码图像减噪	自动
MPEG 减噪	关
色彩系统	自动
3D-COMB	开

菜单

文字选择	英语
OWNER ID	进入
语言	进入

PAL、SECAM和NTSC 3.58 是不同国家使用的不同彩色信号广播传输系统。NTSC 4.43是一种用于特殊录像的特技播放模式，可由PAL制式电视机播放NTSC制式录制的录像带。

3D-COMB	偶尔可在观看静止或慢动作图像时看到色彩图样。将"3D-COMB"设为"开"时可显示更清晰、更逼真的色彩。仅当接收PAL或NTSC信号时显示。S视频输入模式中不显示。
文字选择	根据地区的不同，某些地区可能没有此项操作。 选择字符设定，以便在图文页面的文字中使用所有需要的字符。 英语/俄语/东欧/PERSIAN
调谐菜单	供存取包括"制式选择"和"自动调谐"等在内的许多其他功能。见第32页。AV模式下不显示。
OWNER ID	使您可以输入安全密码和地址信息。见第37页。
语言	可选择屏上显示语言。 英文/中文

中文

Owner ID

Owner ID使您可以将安全密码（Owner ID）和个人细节输入内存，以防失盗并帮助警察追踪使用者。

如果您想检查已经输入电视机的个人细节（PIN码除外），
请按**OK**钮6秒钟。已经输入的细节显示在画面中，几秒钟后
消失。

如果第一次开机时没有输入**OWNER ID**信息，或者需要改变其
中某些信息，通过菜单可以再次进入**OWNER ID**。

按**MENU**钮。

移动来选定"**Owner ID**"。

存取"**Owner ID**"。

如果**Owner ID**已设定好，输入**PIN NUMBER**（PIN码）
（使用遥控器上的0到9），然后按**OK**钮，进入**NAME**（姓
名）选项。

如果未事先输入**Owner ID**，输入需要的4位数**OWNER ID**
PIN NUMBER（Owner ID PIN码）（使用遥控器上的0到
9）。

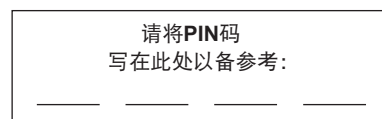如果输入了4位数**PIN NUMBER**（PIN码），会自动进入
NAME（姓名）栏。

否则，移动光标到**NAME**（姓名）栏。

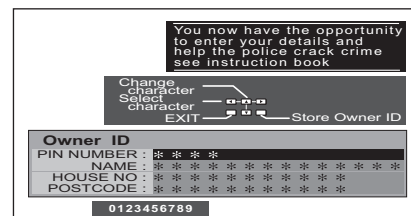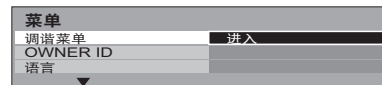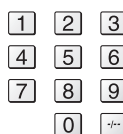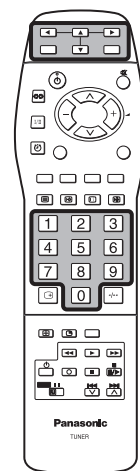改变字符。

选择字符位置。

重复上述步骤，直至**NAME**（姓名）、**HOUSE NUMBER**
（地址代码）和**POSTCODE**（邮政编码）全部输入。

按**OK**钮保存细节。
当出现"Are you sure ?"（"是否确定？"）时再按一次
OK钮。

| 菜单	
图文菜单	FASTEXT
频道色彩设定	
儿童锁码	关
数码图像减噪	自动
MPEG 减噪	关
3D-COMB	开
文字选择	英语

菜单	
调谐菜单	进入
OWNER ID	
语言	

You now have the opportunity
to enter your details and
help the police crack crime
see instruction book

Change character
Select character
EXIT ——— Store Owner ID

Owner ID
PIN NUMBER : * * * *
NAME : * * * * * * * * * * * * * *
HOUSE NO : * * * * * * * * * *
POSTCODE : * * * * * * * * * *

0123456789

请将**PIN**码
写在此处以备参考：

———— ———— ———— ————

宽高比控制

本电视机可以让您观赏到具有最佳尺寸和宽高比的图像，包括宽荧幕影院格式图像。

反复按**ASPECT**钮可在各宽高比选项之间切换：

ASPECT
⊞

16:9，全方位扩大，4:3 和 边缘扩大
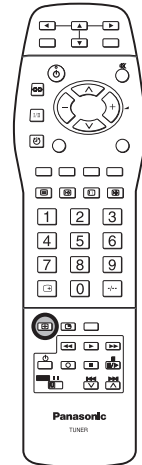
模式	图像	说明
4：3		4:3显示将按它标准的4:3大小来显示4:3的图像。
全方位扩大		"全方位扩大"模式将图像的中央部分放大。
16：9		16:9将以最大的可能尺寸来显示出影像，但是会被稍稍拉长一些。
边缘扩大		"边缘扩大"模式将以最大的可能尺寸来显示出4:3的影像，但是对于屏幕的中央部分进行宽高比校正，所以只有在屏幕的左右两侧才出现拉长现象。影像的尺寸取决于原来的信号。

静止

按**STILL**钮来冻结图像。
再次按可返回为观看当前的节目。

HOLD
⊞
STILL
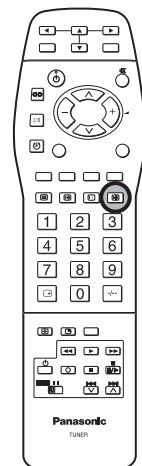
注:
此按钮仅当在TV/AV模式下观看单画面显示时有效。

中文

多画面
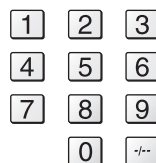
反复按**MULTI PIP**钮。
每次按下这个按钮 ，主画面和副画面就会按下图进行显示 。
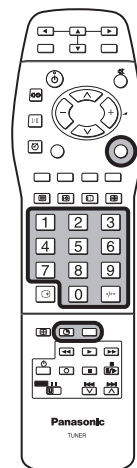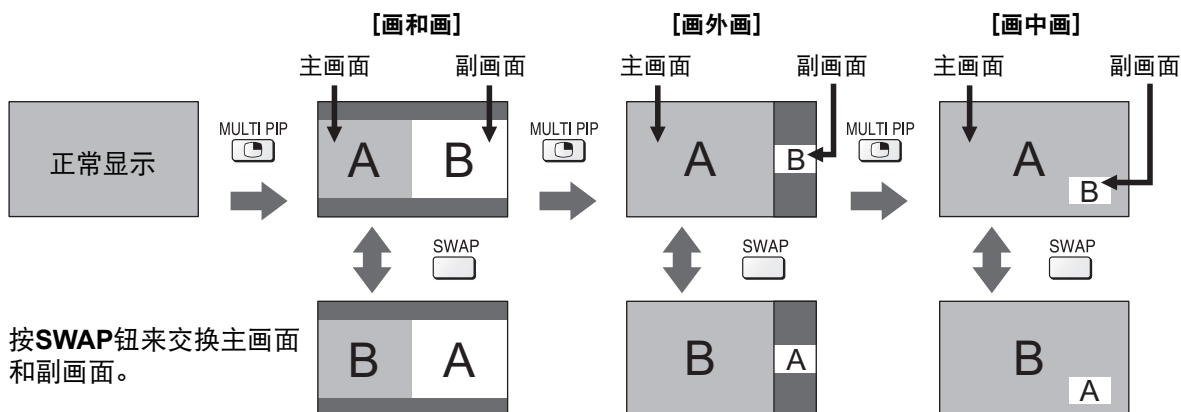
注意:
- 声音输出来自主画面。
- 在双屏显示时，不能为主画面和副画面选择相同的输入模式。
- 主画面和副画面由不同的电路分别处理，结果，画面的清晰度会略有差异。根据主画面显示的信号类型和双画面显示的模式，也能会造成副画面图像质量差异。
- 由于用于显示画中画和画外画的副画面尺寸太小，这种副画面不能显示细节部分。
- 两台电脑屏幕画面使用简化格式显示，可能在详细辨别方面不会令人满意。
- 当要用副画面显示某一输入讯源时，先在主画面上将其显示出来，然后按SWAP来改变显示。
- 每次打开显示时，仅呈单画面显示。

改变频道

按遥控器上的节目号码钮。

注:
如果TV或AV显示在主或副画面上的话，新选择的频道将显示在正显示TV或AV输入信号的画面上。
如果TV或AV均未显示在主或副画面上的话，新选择的频道将显示在主画面上。

改变模式

按动来选择TV、AV、PC IN、Input。

注:
- 不能同时显示TV和AV输入信号。
- 如果TV或AV输入信号显示在副画面上的话，INPUT1或PC IN输入信号将显示在主画面上。
  如果TV或AV以外的输入信号显示在副画面上的话，TV、AV、INPUT1或PC IN（不会显示在副画面上）将显示在主画面上。

中文

图文菜单操作

- 图文菜单特性可能会随广播公司不同而变化，并且只有当所选频道正在发射图文电视信号时才可用。
- 在图文菜单操作时按**MENU**钮，将会显示一个蓝绿色横条的对比度功能选项，按 ◀ ▶ 钮来根据需要改变设定。
- 在图文菜单操作时按**MENU**钮，将在屏幕底部显示特别功能选项。

什么是目录模式?
在目录模式，四种不同颜色的页码位于屏幕底部。每个页码都可以被修改和保存在电视机的内存中。

什么是FASTEXT模式?
在FASTEXT模式，四个不同颜色的主题位于本机底部。如果需要获得有关这些主题其中一个的更多信息，按相应颜色的按钮。这种快捷方法使得可以快速访问所显示主题的信息。

注意:
- 如果正在使用图文菜单模式，宽高比将被设置成16:9。
- 根据地区的不同，某些地区可能没有此项操作。
- 根据接收信号的不同，菜单可能会有所变化。

TV/TEXT ▤

电视/图文菜单模式
按**TV/TEXT**在当前节目间进行切换。

---

1 2 3
4 5 6
7 8 9
▲ ▼ 0
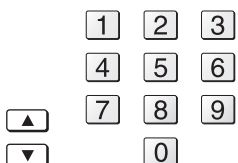
页面选择
可以用两种方法选择页面:
a. 按上/下钮来每次增加或减少一个页码。
b. 使用遥控器上的0-9钮，来输入页码。

MENU 绿色

全屏/顶部/底部
按**MENU**钮来显示特殊功能项目，然后按**绿色**钮。
再次按**绿色**钮来扩展底部一半。
再按一次返回标准（全屏）尺寸。

MENU 红色

显示
按**MENU**钮以显示特殊功能项目。然后按**红色**钮以显示隐藏词汇（例如小测验页面的答案）。再按一次隐藏。

红/绿/黄/蓝钮
在FASTEXT模式它们分别对应不同颜色的主题。
在目录模式它们对应不同颜色的页码。

---

1 2 3
4 5 6
7 8 9
0
OK

目录存储
在目录模式四个页码可以被改变（只能用节目位置1-25）。要进行改变，按四个彩色钮中一个然后输入新的页码。
按住**OK**钮，页码会变白，表示该页已经被保存。

HOLD ▣ STILL

保持
当观看多页信息时候保持图文菜单页面。
再按一次返回到自动页面更新。

在新闻刷新、更新或处于子代码页面访问操作时无法更改节目位置。
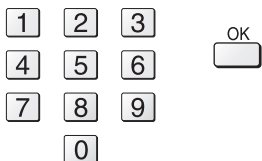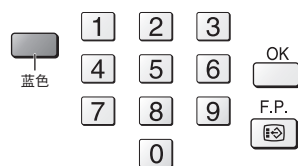
最喜好的页面 (F.P.)
在内存中存储一个最喜好的页面以用于快速访问。保存时，电视机必须处于目录模式，节目位置必须处于1-25。
按**蓝色**钮，选择页码，然后按住**OK**钮。页码现在就被保存了。
按**F.P.**钮来快速访问该页面。

更新显示
在搜索一个图文菜单页面时，按**MENU**钮以显示特殊功能项目，然后按黄色钮以观看电视画面。找到以后，在画面左上角会显示页码。按黄色钮来观看该页面。
再次按**TV/TEXT**钮返回到正常电视操作。

新闻刷新
当选择了一个新闻刷新页面后，按**MENU**钮、**黄色**钮，来观看电视画面。当接收到一个更新，页码会显示在画面上。
按**黄色**钮来显示新闻刷新。
按**TV/TEXT**钮返回到正常电视操作。

更新
按**MENU**钮、**黄色**钮来观看固定页面的更新信息。
当接收到一个更新，页码将会显示在画面的左上角。
按**黄色**钮来观看该页面。
按**TV/TEXT**钮返回到正常电视操作。
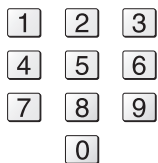
访问子页面
当图文菜单信息超过一页时，自动改变子页面到你需要的子页面可能需要花一些时间。每个子页面被找到后，它的页码都会显示在该页面的顶部，这样您就可以选择它；如果选择了多个子页面，页面顶部的显示会改变，以便总是为您提供最新发送的子页面选择。

在图文菜单操作时，按照下面的步骤来访问子页面：

如果您想访问的子页面还无法获得，在等待更多子页面被发现时，按**MENU**钮（显示特殊功能项目），然后按**黄色**钮来观看电视图像。找到的子页面会在画面上部显示。

当您等待的子页面可以访问时，按**黄色**钮返回到观看图文菜单页面，用左右光标钮选择您所选的子页面。

注意：
• 当等待子页面被发现时，如果您不想在电视图像上显示屏上选择器键，按**MENU**钮从画面上清除这些键，再按一次重新显示这些键。
• 如果您在观看电视画面的同时，从画面中清除了特殊功能键，然后用左右光标键选择了一个子页面，如果要再次显示图文菜单页面，您必须先按**MENU**钮，然后按**黄色**钮。
• 如果页面顶部指示子页面正在被传输但显示的页面却从来不改变，那么此处的"子页面数目"显示的是页面内容已经被更新，没有子页面。

中文

图文菜单操作

相应地，如果您知道需要哪个子页面，按**MENU**钮（以显示特殊功能项目），然后按**蓝色**钮；T****将在正常找到页码的地方显示。

在T****消失之前输入想要的子页码。

例如，要选择页面6，输入0、0、0和6。

当等待更多子页面被发现时，按**黄色**钮来观看电视图像。找到的子页面会在画面顶部显示。

当页面可以访问时，按**黄色**钮来访问该页面，无论找到了多少页面，按**黄色**钮都会切换到您要求的子页面。

按**TV/TEXT**钮返回到正常电视操作。

MENU | **蓝色**

INDEX

索引

当处于FASTEXT操作时

按**INDEX**钮返回到主索引页面。

根据信息发送方式的不同，可能需要多按几次以返回到主索引页面。

立体声/两国语声音选择

接收立体声/两国语声音节目时，可按**立体声/两国语声音**选择钮来选择声音输出模式。

声频信号	立体声	主声音 I	副声音 II	单声道
模式指示灯	◯◯	I	II	▽

丽音 (NICAM)......在新西兰、新加坡、香港等地使用。

电视广播类型	标准电视广播（标准声频）	标准+丽音单声道（主声音 I）	丽音立体声	丽音双单声道（主声音 I /副声音 II）
模式指示灯	无指示灯 ◄─► ▽	I ◄─► ▽	◯◯ ◄─► ▽	I ─► II

A2（德国）......在澳大利亚、马来西亚等地使用。

电视广播类型	标准电视广播（标准声频）	两国语或双单声道：主声音 I /副声音 II	立体声
模式指示灯	无指示灯 ◄─► ▽	I ◄─► II	◯◯ ◄─► ▽

注意：
- 如果立体声信号微弱或接收条件不佳，或者出现立体声：单声道自动切换现象的情况，建议将立体声切换为单声道。
- 尽管接收信号内容不断改变，选择的模式将保持不变。
- 当接收条件恶化时，如果将模式设在"单声道"之处，使用立体声/两国语声音选择钮，会听得更清楚一些。
- "双声道"，也称为"双单声道"或"两国语"，目前在其他国家尚未播放。
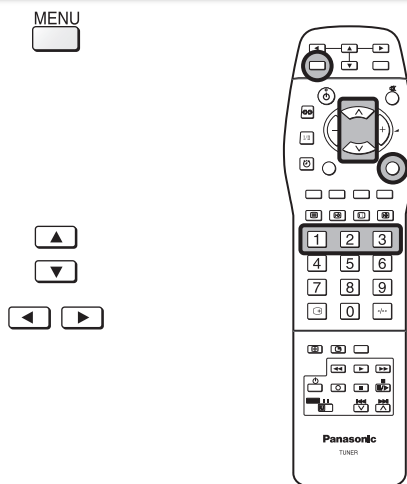
中文

Hotel mode 设置

按**MENU** 按钮

在1秒钟内依次按节目号码选择升 ⟨∧⟩、降 ⟨∨⟩ 按钮，直接节

目号码 ①, ②, ③ 按钮， ⟨ ⟩ 按钮（关于 ⟨ ⟩ 按钮，持续按

压3秒钟）。

移动来选择菜单选项。

调节所选择的选项。

注：
用遥控器或直接按本机上的按钮关闭并再次打开电源来使新设
定有效。

Hospitality Mode	使用此终端插件时选择"ON"。
	OFF / ON
	注：当不使用Hospitality Port 时，因为出厂前设定的
	是"ON"，因此务必要选择"OFF"。
Initial INPUT	打开电源时请选择输入模式。
	OFF / TV / AV / SLOT / PC
	注：
	• 当未插入SLOT时，不能显示SLOT选项。
	• INPUT Lock设定过程中设定为此模式的话，INPUT
	Lock将是OFF。
INPUT lock	务必要设定TV的输入信号。
	OFF / TV
	注：Initial INPUT设定过程中设定为此模式的话，Initial
	INPUT将是OFF。
Initial POS	当电源打开时设定位置。
	当在"选台方式"下选择"预定"时
	OFF / 0 - 99
	当在"选台方式"下选择"直接"时
	OFF / 0 - 125
	注：仅当在"Initial INPUT"下选择"TV"时才有效。
Channel lock	务必要选择在"Initial POS"所设定的"预定"。
	当在"Initial POS"选择"OFF"时，务必要选择当时所设定的位置。
	OFF / ON
Initial Volume Level	当电源打开时设定音量。
	OFF / 0 – 63
Maximum Volume Level	设定最大音量。
	OFF / 0 – 63
OSD OFF	当电源打开时将"呼出"显示设定为关闭。
	OFF / ON
	注：即使将此设定设为"ON"，仍会显示出INPUT信号和宽高比。
Button lock	禁止控制面板上的按键操作。
	当选择"All"时，禁止控制面板上的所有操作。
	当选择"MENU and ENTER"时，禁止控制面板上的**Menu**和**Enter**的按键操作。
	OFF / MENU and ENTER / All
Remote lock	禁止遥控器上的MENU按键的接收。
	OFF / MENU
ES Timer	当所设定时间内未继续进行操作时，关闭电源。
	OFF / 1 - 15
SLEEP	当持续10分钟没有信号和操作的话将关闭电源。
	OFF / ON

Hotel mode

Hotel mode	
Hospitality Mode	**ON**
Initial INPUT	OFF
INPUT lock	OFF
Initial POS	OFF
Channel lock	OFF
Initial Volume Level	OFF
Maximum Volume Level	OFF
OSD OFF	OFF
Button lock	OFF
Remote lock	OFF
ES Timer	OFF
SLEEP	OFF

中文

SYSTEM SETTING MODE设置

注:
当将PWD 8系列（TH-37PWD8WK/S、TH-42PWD8WK/S）与此终端插件连接时，务必要进行此设定。否则不需要任何设定。

根据下述顺序按动按钮来在1秒钟内输入SYSTEM SETTING MODE。

节目号码选择升 ⟨△⟩、降 ⟨▽⟩ 按钮，直接节目号码 ⌊1⌋、⌊2⌋、⌊3⌋、
⌊6⌋ 按钮（关于 ⌊6⌋ 按钮，持续按压3秒钟）。

USE SLOT3:
使用SLOT3时选择"YES"，否则选择"NO"。关机并再次开机以使
新设定有效。
YES/NO

注:
无正确设定，输入开关可能有故障。

使用Slot 3时
设定值"YES"。

SYSTEM SETTING MODE	
USE SLOT3	YES

未使用Slot 3时
设定值"NO"（默认设定）。

SYSTEM SETTING MODE	
USE SLOT3	NO

注:
· 使用TH-37PWD8WK/S时务必设定值"NO"。
· 当使用PS/H9过程中不需要任何设定。

显示器设定

用显示器的遥控器，将Options 菜单中的"Serial Slot Select"项目设为"Slot2"。
注意: 使用TH-37PWD8WK/S或TH-42PWD8WK/S时无需设定。

［Options菜单操作方法］
① 按［SET UP］钮，显示"初始设定"菜单。
② 按［▲/▼］钮，选择"屏幕显示语言"。
③ 按住［SURROUND］钮3秒钟以上，显示"Options"菜单。
④ 按［▲/▼］钮，选择"Serial Slot Select"。
⑤ 按［◄/►］钮，设为"Slot2"。
⑥ 按［SET UP］钮，结束设定。

显示例

Options	3/3
Slot power	Off
V. Installation	Off
Rotate	Off
Serial Slot Select	◄ Slot2 ►

中文

复制设定 – 设置输入器

设置输入器（另购)可将主机的设定复制到其他机器内。

选择主机设置的设定

选择主机设置的设定（见第32-35页）。
可复制下列设定。

终端插件设定

菜单	子菜单
调谐（见第32页）	选台方式、制式选择、自动调谐 或 手动调谐 调结果、声音系统、色彩系统、跳台
设定菜单（见第36页）	图文菜单、频道色彩设定、儿童锁码、数码图像减噪、MPEG减噪、色彩系统、3D-COMB、文字选择、语言
Hotel mode（见第43页）	Hospitality Mode, Initial INPUT, INPUT Lock, Initial POS, Channel lock, Initial Volume Level, Maximum Volume Level, OSD OFF, Button lock, Remote lock, ES Timer, SLEEP

本机设定

菜单	子菜单
图像	图像模式、对比度、亮度、色彩、色调、清晰度、色调设定、色调增强器
高级设定（启动设定时）	γ校正、自动增益控制
声音	声音模式、低音、中间、高音、平衡、环绕声

注:
• 需要专用遥控器进行显示器的设定。具体细节请参阅设定的操作说明。
• 将复制上述所选择的图像模式和声音模式的设定值。

将主机设置的设定复制到设置输入器上

准备
1. 设定主机设置。能够复制何种设定请参阅《选择主机设置设定》（如上述）。
2. 通过按本机（不是遥控器）上的按钮来关机。然后用电缆将设置输入器与本机连接。当连接M3插头时，务必确保[GREEN]发光二极管指示灯(设置输入器的右上方)点亮。
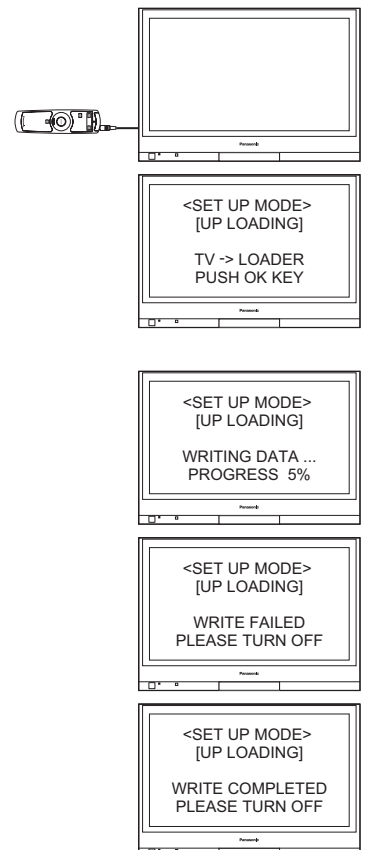
1 设定主机设置
首先关闭本机。然后用电缆将设置输入器与本机连接。
用所连接的设置输入器打开本机。

2 按照下列顺序在1秒钟内按终端插件的遥控器按钮来输入UP LOADING模式。
节目号码选择升 ⌃、降 ⌄按钮，直接节目号码 1、2、3、7 按钮(关于 7 按钮，持续按压3秒钟)。
按OK按钮时即可开始数据复制。

3 在将数据写入到设置输入器过程中可显示其进度。

当数据复制失败的话，[RED]发光二极管指示灯(设置输入器的左上方)将闪烁约5秒钟。

如果进度不能达到100%且一直呈此显示的话，表示数据复制失败。请关闭本机从步骤2开始再次重复进行操作。

4 此显示表示能成功完成数据复制。
请关机并卸下电缆。

<SET UP MODE>
[UP LOADING]

TV -> LOADER
PUSH OK KEY

<SET UP MODE>
[UP LOADING]

WRITING DATA ...
PROGRESS 5%

<SET UP MODE>
[UP LOADING]

WRITE FAILED
PLEASE TURN OFF

<SET UP MODE>
[UP LOADING]

WRITE COMPLETED
PLEASE TURN OFF

中文

复制设定 – 设置输入器

将设置输入器的数据复制到其他机器上

1 按设置输入器上的**POWER**按键来开机。
在1秒钟内依序按**A**，然后按**B**来设定DOWN LOADING模式。
输入模式时，出现此显示。否则请再次重复此步骤。

```
<SET UP MODE>
[DOWN LOADING]

LOADER -> TV
PUSH ENTER KEY
```

2 按设置输入器上的**ENTER**按键，开始复制。当数据复制失败的话，［RED］发光二极管指示灯（设置输入器的左上方）将闪烁约5秒钟。
将设置输入器对准本机直至进度达到100%为止。

```
<SET UP MODE>
[DOWN LOADING]

RECEIVING ...
PROGRESS  5%
```

如果进度不能达到100%且一直呈此显示的话，请关闭本机并再次重复《将设置输入器数据复制到其他机器上》步骤1的操作。

```
<SET UP MODE>
[DOWN LOADING]

DATA INPUT ERROR
PLEASE TURN OFF
```

如果进度不能达到100%且一直呈此显示的话，请务必确认主机设置的设定是否成功运行。

```
<SET UP MODE>
[DOWN LOADING]

DATA INPUT ERROR
CHECK REMOCON
PLEASE TURN OFF
```

3 当进度变为100%时表示数据已经成功复制完毕。
出现此显示时，可停止将设置输入器对准指向本机。
等候直至显示出"PLEASE TURN OFF"来将本机内的数据写入到记忆体内。

```
<SET UP MODE>
[DOWN LOADING]

WRITING DATA ...
PROGRESS  5%
```

如果进度不能达到100%且一直呈此显示的话，请关闭本机并再次重复《将设置输入器数据复制到其他机器上》步骤1的操作。

```
<SET UP MODE>
[DOWN LOADING]

WRITE FAILED
PLEASE TURN OFF
```

4 此显示表示数据复制已经完成。请关闭本机并再次开机来使新设定有效。可用与主机设置同样的设定用本机欣赏观看！！

```
<SET UP MODE>
[DOWN LOADING]

WRITE COMPLETED
PLEASE TURN OFF
```

中文
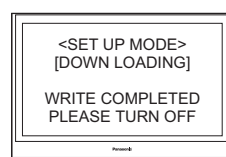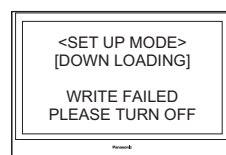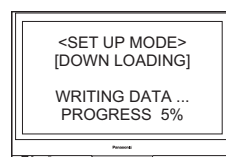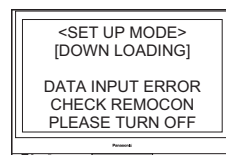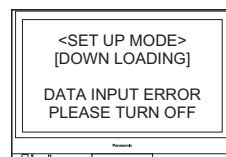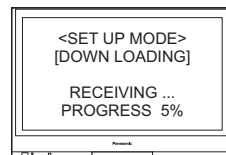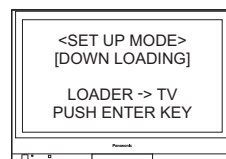
故障排除指南

如果电视机出现问题，请参照下表确定其现象，然后进行所提议的检查。如果仍未解决问题，请与当地的 Panasonic 经销处联系，并告知电视机的型号和系列号。

现象				检查内容
图像		**声音**		
	雪花图像		杂音	天线位置、方向或连接
	重影		声音正常	天线位置、方向或连接
	干扰		杂音	电器 汽车/摩托车 萤光灯 在"菜单"中打开"数码图像减噪"以减小噪音。
	图像正常		无声音	音级 静音启动工作。
?	无图像		无声音	电视机设为AV模式。电源插头未插到交流电源输出插座内。未打开电源开关。 图像/声音控制器设在最低水平。 确认是否为待机模式。
	无颜色		声音正常	色彩控制器设在最低水平。 色彩系统
	图像不佳或失真		声音微弱或无声音	重新调谐频道。
	图像正常		声音微弱或失真	声音接收可能失真。 声音系统
无图文电视操作				HOTEL MODE上的Hospitality Mode为"OFF"
无Hospitality Mode操作				HOTEL MODE上的Hospitality Mode为"ON"
输入信号切换故障				系统模式的设定
显示出"请确认所安装插槽的位置"。				检查端子板是否安装在正确的插口内，并确认显示器的"Serial Slot Select"项目是否设为"Slot2"。（见第44页）

规格

	TY-FB8TA		
接收系统	17 系统		功能
	1 PAL B, G, H 2 PAL I 3 PAL D, K 4 SECAM B, G 5 SECAM D, K 6 SECAM K1 7 NTSC M (NTSC 3.58/4.5 MHz)		接收电视广播和来自录像机的播放
	8 NTSC 4.43/5.5 MHz 9 NTSC 4.43/6.0 MHz 10 NTSC 4.43/6.5 MHz 11 NTSC 3.58/5.5 MHz 12 NTSC 3.58/6.0 MHz 13 NTSC 3.58/6.5 MHz 14 SECAM I		来自特定录像机或DVD的播放
	15 PAL 60 Hz/5.5 MHz 16 PAL 60 Hz/6.0 MHz 17 PAL 60 Hz/6.5 MHz		来自特定光盘播放机和特定录像机或DVD的播放
接收频道	标准电视机 **VHF频带** 2-12（PAL/SECAM B、K1） 0-12（PAL B澳大利亚） 1-9（PAL B新西兰） 1-12（PAL/SECAM D） 1-12（NTSC M日本） 2-13（NTSC M美国）	**UHF频带** 21-69（PAL G、H、I/SECAM G、K、K1） 28-69（PAL B澳大利亚） 13-57（PAL D, K） 13-62（NTSC M日本） 14-69（NTSC M美国）	**有线电视** S1-S20（OSCAR） 1-125（美国有线电视） C13-C49（日本） S21-S41（HYPER） Z1-Z37（中国） 5A、9A（澳大利亚）
输出			
声频输出	AUDIO L-R（RCA针式 × 2）	0.5 Vrms	
视频输出	VIDEO（BNC型）	1.0 Vp-p（75 欧）	
其他	Ir系统端子 × 1		
输入			
声频输入	AUDIO L-R（RCA针式 × 2）	0.5 Vrms	
视频输入	VIDEO（BNC型） S-VIDEO（微型DIN4针）	1.0 Vp-p（75 欧） Y:1.0 Vp-p（75 欧）C:0.286 Vp-p（75 欧）	
ANT-IN	UHF / VHF		
质量（重量）	0.55 公斤		

注意：
设计和规格如有变更，恕不另行通知。所示质量和尺寸为近似值。

中文

Customer's Record

The model number and serial number of this product can be found on it. You should note this serial number in the space provided below and retain this book, plus your purchase receipt, as a permanent record of your purchase to aid in identification in the event of theft or loss, and for Warranty Service purposes.

Model Number _____ Serial Number _____

顾客记录

可以在上面找到本产品的型号和系号。可将此系号填写在下面留出的空白处，将本使用说明书以及购买收据作为购买的永久记录保管好，以备万一被盗或丢失以及需要进行保修时作为证明。

型号 _____ 系号 _____

Panasonic Corporation

Web Site : http://panasonic.net/