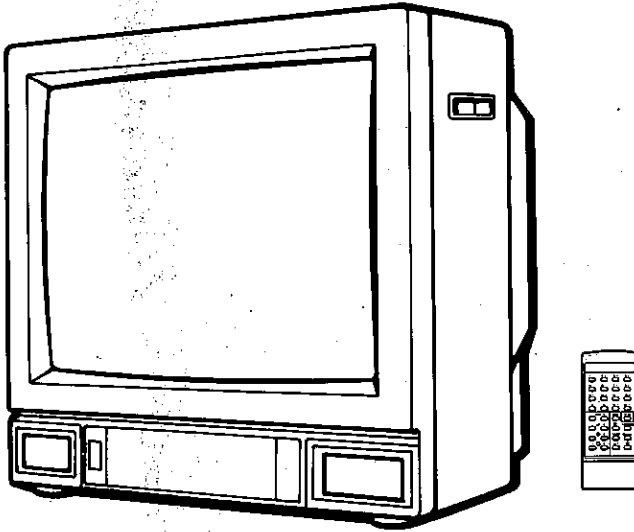


SANYO

**Instruction
Manual**

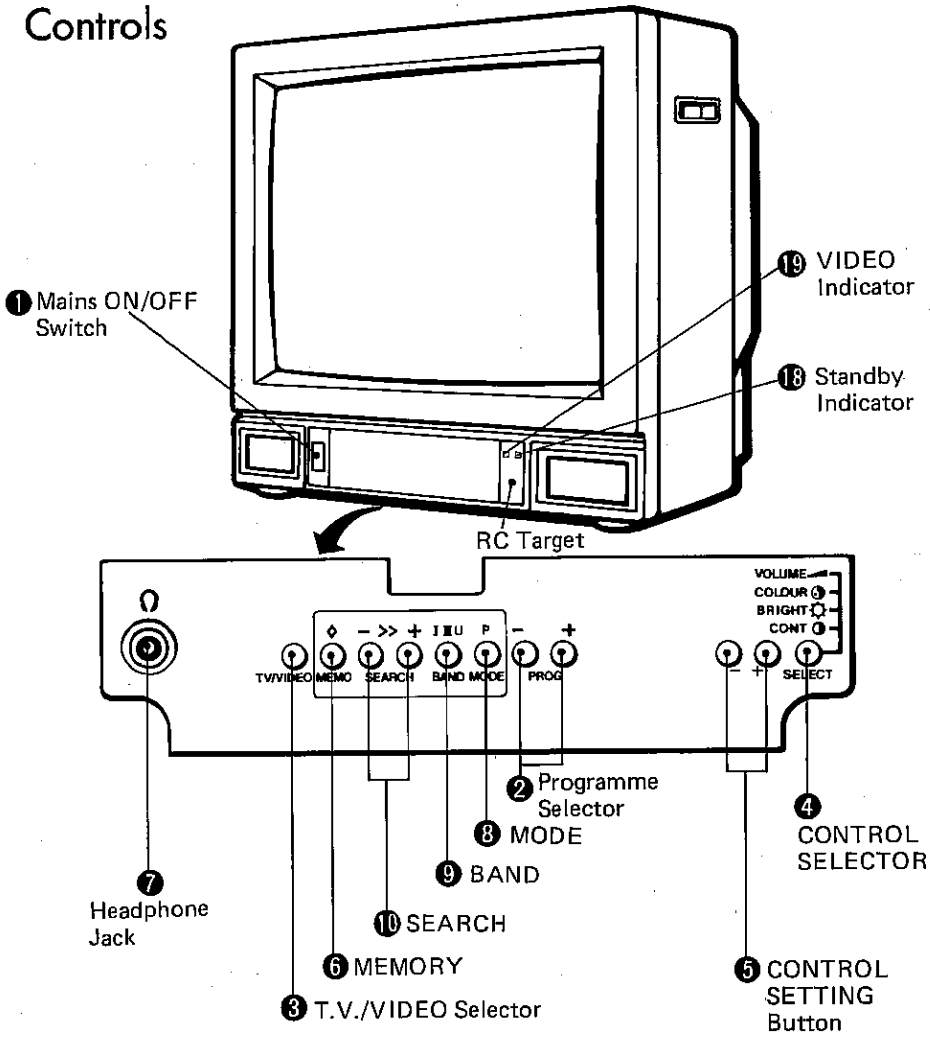
**Colour
Television**

Model CPP2515V



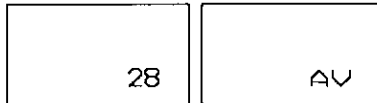
**Two Speakers
AV Input Terminals**

Controls



ON-SCREEN DISPLAY: EXAMPLE

- **PROG. POSITION**
Display time continues for 5 sec.



- **VIDEO MODE**
Display time continues for 5 sec.

- **SOUND VOLUME**
Display time continues for 5 sec.







- **TUNING**
(Pre-Setting)
Display time continues during MODE switch ON.

General Operation


1 Mains ON/OFF Switch

The set is switched on by pressing button 1. To switch off, press button again.

NOTE: To switch "ON" the TV set in the standby mode:

Press the Power ON/OFF button  on the remote control transmitter, the CONTROL SETTING button  (on the TV set) or the Programme Selector  (on the TV set). The TV set can not be turned on by pressing the Mains ON/OFF Switch  (on the TV set) in the standby mode.


2 Programme Selection

Press the right side (+) of the programme selector , and the TV set will step up to the next station, i.e; 1, 2, 3 . . . 29, VCR1, VCR2, VCR3, 1, 2, 3 . . .


Press the left side (-), and the TV set will step down to the previous station.

The position number is displayed on the screen.

3 T.V./VIDEO Selector Button

To watch television programmes leave this switch in the T.V. mode. When this switch is set to the VIDEO mode you can enjoy the playback from VCR or other AV equipment connected to the AV input terminals. "AV" is displayed on the screen. (The green VIDEO indicator  will illuminate.)

CONTROL SETTING

1 Select the CONTROL FUNCTION (SOUND VOLUME, COLOUR, BRIGHTNESS or CONTRAST) by pressing the CONTROL SELECTOR  button.



* Each time the CONTROL SELECTOR button  is pressed, the CONTROL FUNCTION changes as follows;

SOUND VOLUME → COLOUR → BRIGHTNESS → CONTRAST

* "SOUND", "COLOUR", "BRIGHT" or "CONTRAST" is displayed on the screen.

2 Adjust the SOUND VOLUME, COLOUR, BRIGHTNESS or CONTRAST to the desired level by pressing the CONTROL SETTING  button.

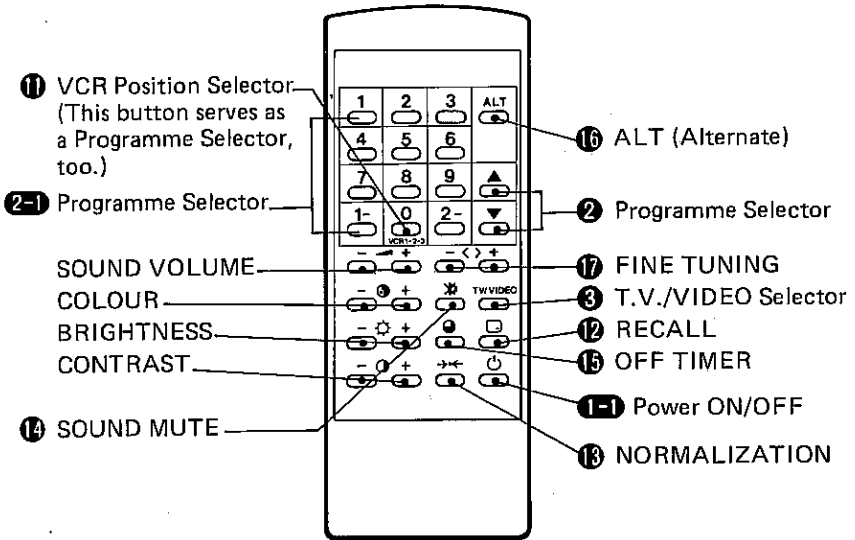
6 MEMORY

Present SOUND VOLUME, COLOUR, BRIGHTNESS and CONTRAST levels can be set into the memory by pressing the MEMORY  button, and these control levels can be recalled by pressing the NORMALIZATION  key on the REMOTE CONTROL TRANSMITTER.

7 Headphone Jack

Inserting the headphone (option) to the outlet provides personal listening, (or recording purpose with the appropriate lead.) The TV set speaker is automatically switched off.

Remote Control Operation



Main ON/OFF switch of the TV set must be in "ON" position before remote control operation is possible.

Point transmitter towards the TV set, then press the appropriate function button for the following controls.

- The keys on the Remote Control Transmitter operate in the same manner as those on the front of the television. In addition to those controls, the transmitter has these additional functions: Programme Selection (direct selection), NORMALIZATION, Sound Mute, OFF TIMER, Alternate, RECALL and FINE TUNING.

1- Power ON/OFF

Press this button to switch TV set on. To switch TV set off, press again.

Note: The red standby indicator **18** will remain illuminated when the TV set is switched off with this button. This is to indicate that the TV set is still partially energized.

To disconnect TV set completely from mains, switch off with Main ON/OFF switch on the T.V. set itself.

2-1 Programme selection

- For selection of the programme number 1 to 9, press the programme selector button **2-1**.
- For selection of the programme number 10 to 19 or 20 to 29, press the "1-" or "2-" button and then press the "0" to "9" programme selector button **2-1** within five seconds.

1 VCR Position Selector (This button serves as a Programme Selector, too.)

When using a VCR connected to the aerial socket, VCR Position must be selected by pressing this button.

- Each time the VCR Position Selector **1** is pressed, the VCR Position number will change as follows: VCR1 → VCR2 → VCR3

- The character of "VCR1", "VCR2" or "VCR3" is displayed on the screen.

12 ... RECALL 

The POSITION in present selection and the remaining time in use of setting OFF timer are displayed on the screen by RECALL KEY.

13 ... NORMALIZATION →•←

When this button is pressed, automatically SOUND VOLUME, COLOUR, BRIGHTNESS and CONTRAST are set at the levels which had been memorized by the MEMORY 6 button.

14 ... Sound mute ✕

Should you wish to mute the sound (e.g. While talking on the telephone) Press this button once. To switch the sound back on, press it again.

15 ... OFF TIMER ●

After a set time has elapsed, the power of the T.V. receiver is switched off automatically. Each time the key is pushed, the set time changes as follows:

Channel number display → 30 minutes → 60 minutes → 90 minutes → 120 minutes

With the off timer being set and the channel display reset, the remaining time is displayed by pushing the off timer key again. When the key is pushed again within three seconds after the key was first pushed in above manner, the time is set to an upper time which is most close to the remaining time.

- The timer setting will be cancelled when the power is switched OFF.

16 ... ALT (Alternate)

Press the "ALT (Alternate)" button 16 and the T.V. set will alternately select the previous channel and the present channel. For example, now you are watching channel 4 but you watched channel 2 previously. If you press the "ALT Key", channel 2 immediately appears then channel 4 is stored in the memory.

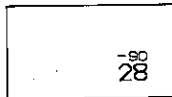
17 ... FINE TUNING < >

For tuning of the best picture and sound, press the (±) Fine Tuning button.

- The programme number is displayed on the screen when the FINE TUNING buttons are depressed. Display time continues while these buttons (±) are depressed and for 5 seconds after detaching them.

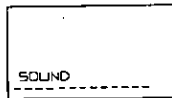
ON-SCREEN DISPLAY: EXAMPLE

● OFF TIMER



● NORMALIZATION

● SOUND MUTE



Display time continues for 5 sec.

BATTERY INSTALLATION (REMOTE CONTROL TRANSMITTER)

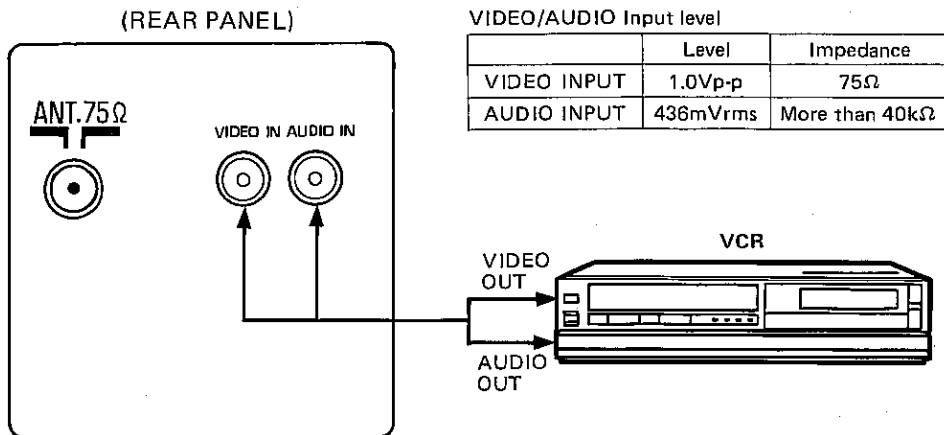
- 1 Remove the battery cover by sliding.
- 2 Install two "AA" 1.5 volt batteries so that the "+" and "-" marks on the batteries match the "+" and "-" marks inside the unit.
- 3 Close the battery cover.

NOTE:

Replace the batteries when the T.V. set is showing the following symptoms: Operation is unsteady or erratic, sometimes the T.V. set does not work with transmitter. Discharged batteries may leak and damage the unit. The normal life of batteries should be from nine to ten months.

Video/Audio Input Connection

In order to watch the playback from a VCR, video disc player or the video signal from a video camera, the output terminal of the A.V. equipment in use must be connected to the VIDEO/AUDIO INPUT terminal. Note that the T.V./VIDEO switch must be set to the VIDEO mode to watch any A.V. program.

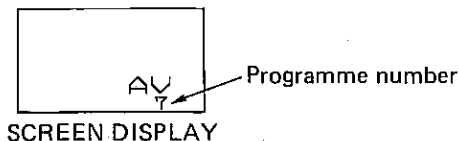


NOTE: In the VIDEO mode, you can select the T.V. programme.

- If you wish to select the programme number "7" in the VIDEO mode (while watching the playback from a VCR);

1 Select the programme number "7" by the Programme Selector button 2 or 2-1.

2 Press the T.V./VIDEO Selector 3, and the picture of the programme number "7" will appear.



A.V. (Audio Video) connection to the Aerial socket

The A.V. apparatus can also be connected to the aerial socket of your T.V. receiver. In this case, it is advisable to select the "VCR1", "VCR2" or "VCR3" position for the best picture by the VCR Position Selector 1.

VCR Position is specially designed for the VCR playback. The picture of the VCR playback may be distorted in other position.

For further details concerning this connection and adjustment, refer to the operating instructions for the A.V. apparatus.

Pre-Setting of Stations

Up to 32 broadcast stations in your reception area can be stored in the electronic memory.

- 1 Set the **8** MODE switch to ON position.
- 2 Select the programme number (with programme selector button **2** or **2-1**) for which you would like to preset a program.
Set the **9** BAND SWITCH to the channel band corresponding to your desired channel.
Channel band VL, VH and U are for the following channel groups.

VHF range

Band VL(I) Channels 0–5
Band VH(III) Channels 5A–11

UHF range

Band U Channels 28–69

The channel (VL, VH or U) Band is displayed on screen.

REMARKS

When the band is set using the BAND SWITCH, the frequency will be set to the lowest frequency in the set band.

- 3 Press and hold the **10** (+) SEARCH button to station searching.
When a station is found, release the (+) SEARCH button as soon as picture appears.

REMARKS

The lowest bar display changes according to UP/DOWN of tuning voltage.

If the station found in above step is not the one to be set, press the (+) SEARCH BUTTON again until the desired station appears.

- 4 Once the best picture have been obtained, press the **6** MEMORY button to store the station located by the tuning in the electronic memory.
- 5 Repeat steps **2** – **4** for remaining program numbers to be set.
- 6 Be sure the **8** MODE switch is in OFF position.
When the MODE switch is switched OFF, BAND SWITCH, the (+) and (–) SEARCH buttons will not function.

Memory Copy

This T.V. tuning system has another advanced feature called "memory copy".

A station entered into the memory at a particular programme number can also be received at any other programme number, to use this feature follow the procedure below.

If you wish to copy the T.V. channel in the programme number "2" into the programme number "15".

1. Select the programme number "2". (with the prog. selector **2** or **2-1**.)
2. Turn the MODE switch **8** ON.
3. Select the programme number "15". (with the prog. selector **2** or **2-1**.)
4. Press the MEMORY button **6**, set the MODE switch **8** to OFF.

HELPFUL HINTS

NO PICTURE, NO SOUND

- Check if TV is plugged in.
- Try a different channel, if OK, probably station trouble.

NO COLOUR, PICTURE OK

- Adjust COLOUR control.
- Adjust FINE TUNING control.
- Is the program in colour?

POOR PICTURE, SOUND OK

- Adjust BRIGHTNESS control.
- Adjust FINE TUNING control.
- Check aerial connections.

WEAK PICTURE

- Check aerial connections on back of set.
- Check aerial for broken wires.
- Re-orient aerial.

The following faults are not caused by the receiver.

"GHOSTS"

Reflections of signals from mountains or high buildings will cause multiple images, called "Ghosts".

These abnormal conditions can be reduced to minimum by repositioning aerial or by installing new one suited for your area.

"INTERFERENCE"

Interference may be caused by electrical appliances, car ignition systems, etc. This should normally be a temporary condition, but should this interference persist, contact your dealer.

Slots and openings in the cabinet and in the back or bottom are provided for ventilation, and to ensure reliable operation of the television receiver and to protect it from overheating, these openings must not be blocked or covered.

AERIAL

The type of aerial required depends on factors such as the site, its distance and direction from the transmitter, local interference etc. Your dealer will advise you the best type of aerial to be used.

The aerial socket is on the back panel of the TV set.

MAINS SUPPLY

The receiver is designed to operate on an A.C. mains supply of 220—240 volts 50Hz.

SPECIFICATIONS

Power Source	AC 220—240V, 50Hz
Television System	System B/G
Colour System	PAL
Channel Coverage	VHF: 0—11 UHF: 28—69
Aerial Input Impedance	75 ohm
Audio Output	2.5W + 2.5W
Ext. Terminals	Audio Input/Video Input
Dimensions	595(W) x 553(H) x 452(D)mm
Weight	29Kg

