

**Operation
guide to
confident
colour viewing**



SANYO

CPP 3045

**SANYO
TELECOLOR.**



**Confidence in Sanyo Telecolor
comes from a confident understanding
of how your set operates...**

Introduction

Your new SANYO TELECOLOR receiver is a highly complex, precision engineered instrument incorporating the most modern features of advanced technology.

There is no real necessity for you to have a knowledge of its more involved operational procedures, but you should understand the basic controls and the general operation of the set. Careful reading of this guide will lead to trouble-free viewing.

If more complex problems arise, check your obligations under the terms of the Sanyo Warranty contained in this guide, ENSURE THAT YOU HAVE MAILED YOUR WARRANTY REGISTRATION CERTIFICATE and call your authorised Sanyo Service Agent.

1. Unpacking

This should be treated with extreme care.

Follow instructions on all tags and labels before attempting to operate your receiver.

2. Power Connection

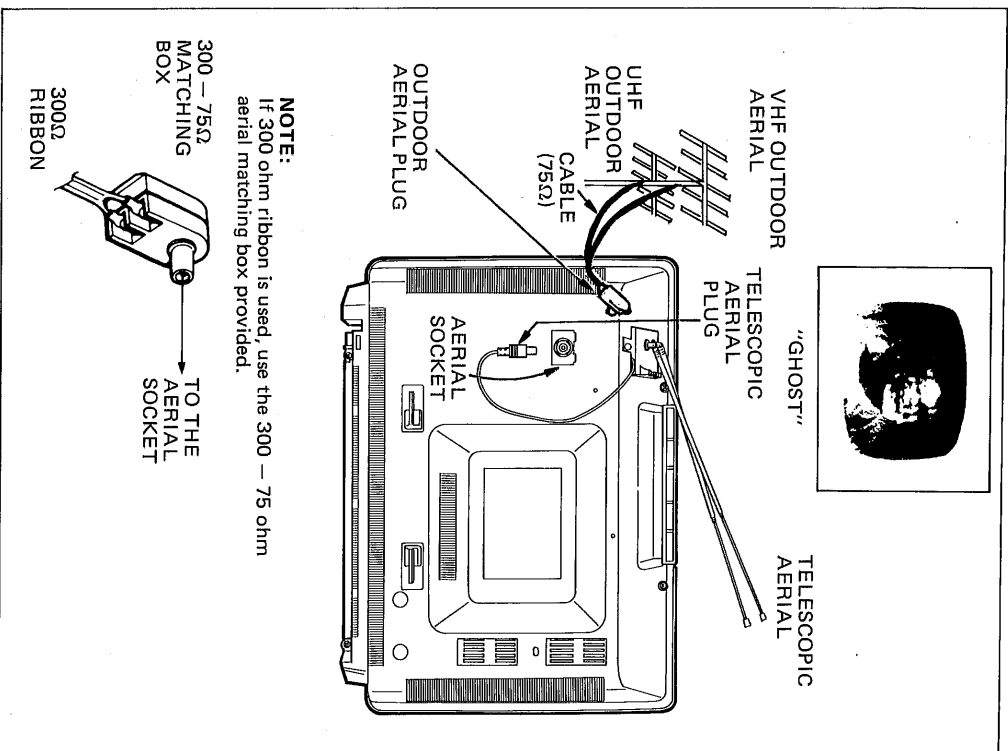
This receiver should be connected to a power point which complies with STATE ELECTRICAL AUTHORITY STANDARDS (230 ~ 260 volts, 50 Hz, AC only).

Aerial Connection

1. The telescopic aerial is an auxiliary aerial and will only satisfying reception in areas near the transmitter.
For good reception, adjust the aerial by varying the length and angle of the rods until the clearest picture is obtained.
2. In some areas it will be necessary to use an outdoor aerial.
Consult your dealer.
3. If you intend to use a previously installed aerial, check it carefully. Weather can destroy the effectiveness of the aerial and cable.
Also bear in mind the aerial may not have been designed for the flat response necessary for good colour reception.
4. "Snow" or weak picture is a result of either a weak signal or poor aerial. Reflections of signals from mountains or high buildings will cause multiple images, "Ghosting". (Refer to illustration on the right.) These abnormal conditions can be reduced to minimum by repositioning the aerial or by installing a new one suited to your area.
If you live in a difficult reception area, or if you experience difficulties, consult your dealer.

FOR YOUR SAFETY
Install any external aerial to AS1417.1

(AUSTRALIAN STANDARDS ASSOCIATION SPECIFICATION)
Ensure that the aerial lead is connected to the aerial terminal at the rear of the set.



General Operation

Before attempting to operate this receiver, please read through the following instructions carefully. You will find that it is time well spent and will contribute greatly to many years of enjoyable viewing.

Mains ON/OFF Switch

Switch on by pressing in the ON/OFF Switch. Press again to release, thus switching off TV Set.

Volume

To increase the volume press the right side (+) and to decrease it press the left side (-).

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 ... 8, 1, 2, 3 ... Press the left side (-), and the TV set will step down to the previous station i.e: 1, 8, 7, 6 ... 1, 8, 7, 6 The number of the programme selected will appear in the programme indicator.

Tuning-in your channels

To tune your receiver to the channels in your area, follow instructions 1 to 5 as follows:

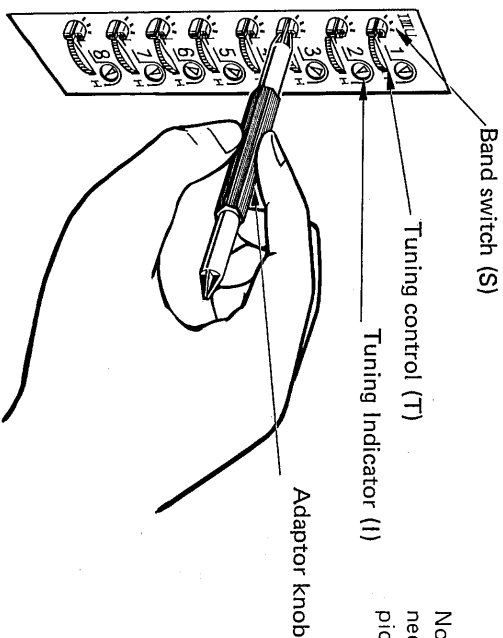
1. Open the control box door by pulling the right top of it with your finger.

2. Switch the AFT button to the "off" position.
3. Press the programme selector, step by step, until an appropriate number is displayed in the programme indicator, for the position in which it is desired to set a station.
4. Now switch the band switch (S) to the band in which the channel you require is located. (Band I - Channels 0-5: Band III - Channels 5A-11: Band IV-V-UHF). Band switch can be easily tuned by using the adaptor knob, which is located in the control box.
5. Next, adjust the tuning knob (T) until the channel you require appears on the screen, then readjust for best picture and sound.
Please note that while adjusting this control for the channel you require, you may find yourself "tuning through" other channels also. For example, take Adelaide where channels 7, 9 and 10 are available. These are all located in Band III. If you began tuning for Channel 10 from the low end of the band, you will also "tune through" channels 7 and 9 on the way.
6. Repeat steps 3-5 for remaining programme numbers to be set.
7. Switch the AFT button to the "on" position.
Push the control box door closed until it clicks shut. If your receiver is correctly tuned, there will be very little change in the quality of your picture. Your receiver is now set for trouble-free viewing of your favourite programmes.

Readjustment of tuning should rarely be necessary. Automatic Fine Tuning and the advanced solid state circuitry of your PAL receiver will ensure that your picture and sound remain constant, even under quite adverse signal conditions.

NOTE:

Under unusual conditions such as weak signal, unusual atmospheric conditions, inadequate aerial system, or strong adjacent channel interference, switching the AFT button to the "off" position may provide a better picture.



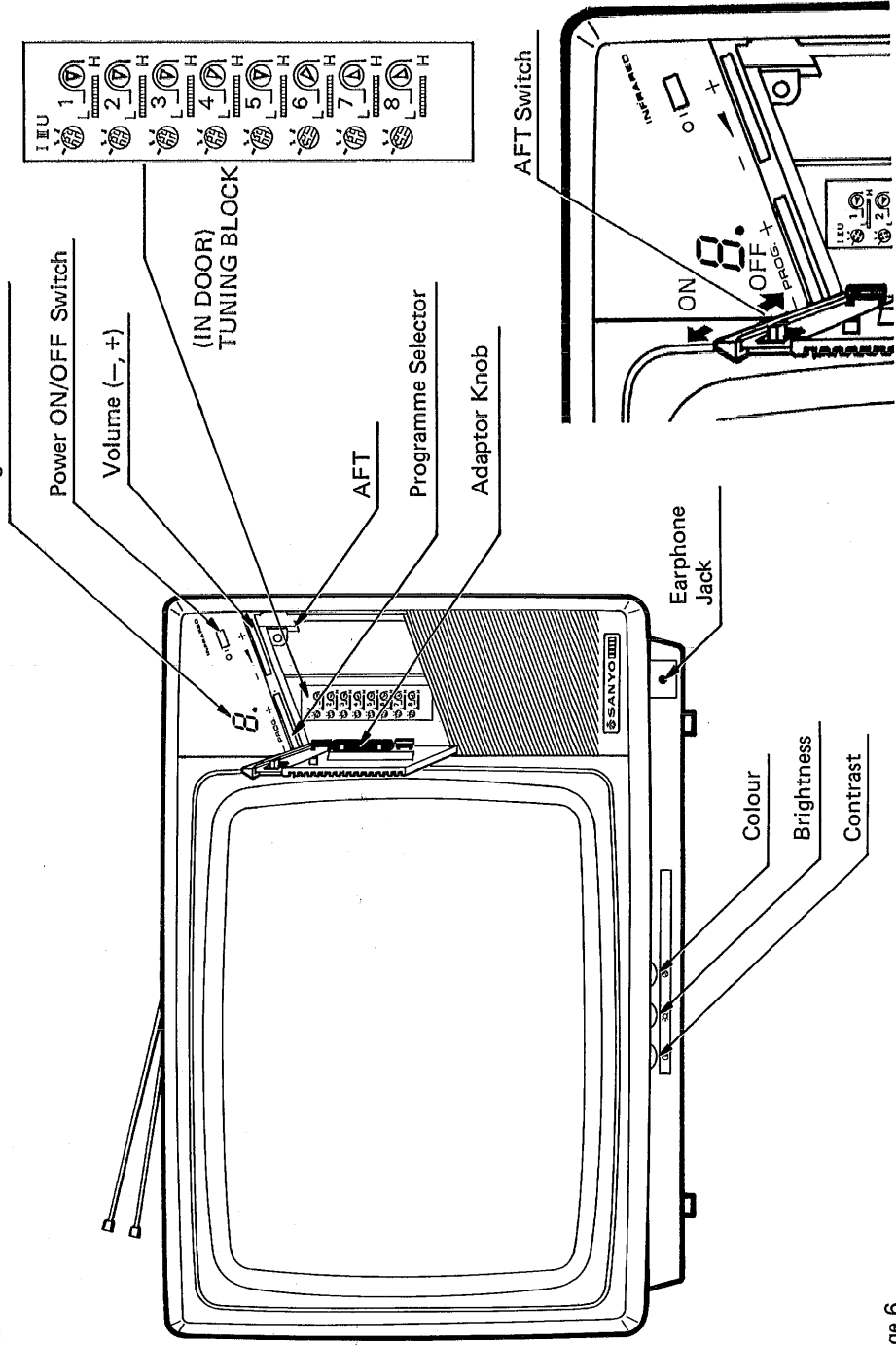
Important Note

It is possible to set any of the 8 positions to any channel received. For example, in Adelaide, the channels available are 2, 7, 9 and 10. You might set the top position to correspond to channel 2, 2nd position to channel 7, 3rd position to channel 9 and 4th position to channel 10. If you desire, you could set the remaining 4 position to the same channels again, or simply leave them perhaps for an additional UHF channel later on. To sum up, the number indicated on your receiver will not necessarily correspond to the number of the channel you are receiving.

If you have only one channel in your area, you could even set all 8 positions to that one channel!

Now that all your channels have been tuned, it is only necessary to adjust the remaining controls for optimum picture quality.

Controls



First tune in black & white...

Your colour set should be properly tuned for best black and white picture before tuning colour, so firstly, remove all colour by adjusting the "colour" control. Next, adjust contrast and brightness for a pleasing black and white picture, as you would for a monochrome set.

Now add colour...

Adjust the COLOUR control to bring colour into the picture until it reaches the intensity you desire. No further adjustments are required. Your Sanyo receiver is now set for normal viewing conditions and should require little or no adjustment for some time to come.

Know your controls

AFT (Automatic Fine Tuning)

AFT automatically maintains correct fine tuning so that it is seldom necessary to re-tune the set. AFT operates automatically when AFT defeat button is in "ON" position and the control box door is closed.

(NOTE: AFT will be defeated when the control box door is open.)

Normally the best picture will be obtained with the AFT defeat button "ON". However under unusual conditions such as weak signal, unusual atmospheric conditions, inadequate aerial system or strong adjacent channel interference, turning off the AFT may provide a better picture. To turn the AFT off, open the control box door and slide the AFT defeat button to the "OFF" position. This will defeat AFT on all channels.

Brightness

Determines the brilliance of the picture and is adjusted in conjunction with the CONTRAST control.

Contrast

Provides the proper contrast between the black and white elements of the picture. Properly adjusted, it will be possible to observe a gradation between blacks, greys and whites in the picture material.

Colour

You can adjust the colour saturation of picture with this control knob, observing the flesh tone of a human face.

Earphone jack

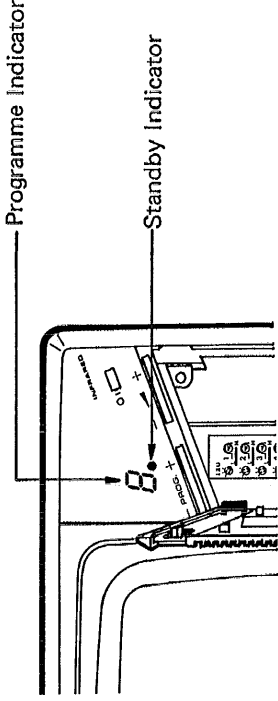
Located on the front of the receiver makes possible individual use of the set without disturbing others. Insert the plug of an earphone into the socket on the set. The TV set speaker is automatically switched off.

A.V. (Audio Vision)

Your receiver is prepared for the connection of BETA-CORD Video Cassette Recorder or any other compatible AV apparatus (VCR, VTR etc.). AV apparatus can be connected to the aerial socket of your receiver. For further detail in this connection, refer to the operating instructions for the AV apparatus.

Remote Control Operation

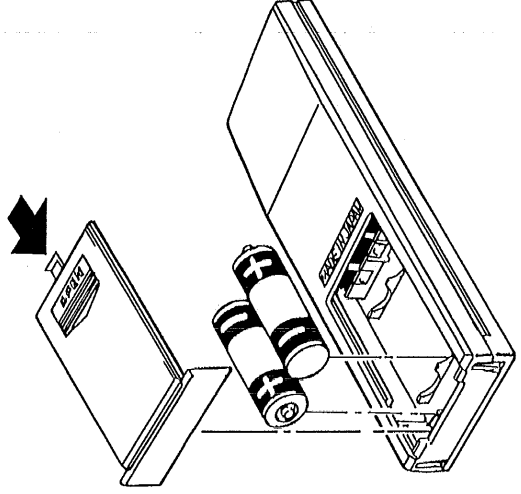
Main ON/OFF switch of the TV set must be in "ON" position before remote control operation is possible. Point transmitter towards the TV set, then press the appropriate function button for the following controls.



Battery Installation

1. Remove the battery cover by pushing and then sliding it in direction of arrow
2. Install two R6, "SUM-3, AA" (Penlight Size) 1.5 volt batteries so the "+" and "-" marks on the batteries match the "+" and "-" marks inside the unit.
3. Close the battery cover.

Note: Replace the batteries when the TV set is showing the following symptoms: Operation is unsteady or erratic, sometimes the TV 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.



Power ON/OFF

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

Note: The standby indicator 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.

Programme Selection

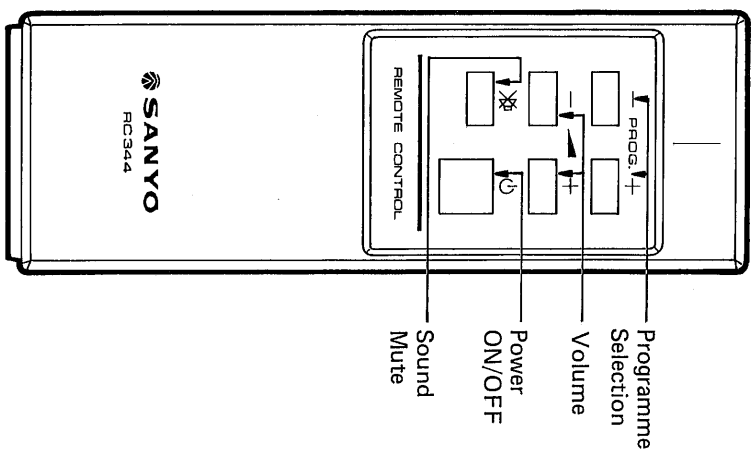
Press the (+) button, and the TV set will step up to the next station, i.e.: 1, 2, 3... 8; 1, 2, 3... Press the (-) button, and the TV set will step down to the previous station, i.e.: 1; 8, 7, 6... 1; 8, 7, 6... The number of the programme selected will appear in the programme indicator.

Volume

To increase the volume, press the + button and to decrease it, press the - button. (When these buttons are properly pressed, the programme number will flash on and off.)

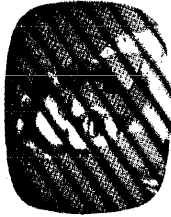
Sound Mute

Should you wish to mute the sound (eg: while making a telephone call) press this button once. To switch the sound back on press this button again.



Radio Interference

Interference in the form of ripples or unstable pictures may result from neighbouring receiving or transmitting equipment, flashing neon signs, or electrical appliances. If receiver adjustment does not eliminate this interference, the interference source must be located and corrected.



Diathermy

Electrically operated medical equipment such as diathermy apparatus may produce a herringbone pattern across the picture and, if severe, may even obliterate part of the picture.

This interference normally is of short duration, and cannot be removed by receiver adjustment. If severe, the interference source must be located and corrected.



Technical Data

Power Source	AC 240V, 50 Hz
Power Consumption	48 Watts
Tuning Range	VHF Channels 0 to 11 UHF Channels 21 to 65
Aerial Input Impedance	75 Ohm
Semiconductors	5 Integrated Circuits 11 Transistors
Picture Tube	37cm Diagonal, 90 Degree
High Voltage	19 KV stabilized
Measurements	463(W) x 335(H) x 370(D)mm
Weight	11 kg
Sound Output	1.5 Watts

Note

NOTE:

When you move or bring this TV receiver to other country, check to see if you can use it in that country by referring to the attached "WORLD TELEVISION SYSTEM LIST". This TV receiver is capable of receiving the broadcasting systems of the GROUP-③ countries. Even if you bring your TV to other country, you cannot use it unless the TV's broadcasting system, colour system, and channel coverage conform to those of the country.

SANYO TELECOLOR SERVICE CENTRES

Sanyo operates wholly owned service facilities staffed with factory trained servicemen to carry out after sales service at the addresses listed opposite.

Elsewhere there is an extensive network of fully trained and authorised service organisations standing by to help you.

**Specifications subject to
change without notice.**

**Before calling for Service, please
consult the trouble shooting
guide contained in this booklet.**

QUEENSLAND:
Cnr. Alfred' & Julia Streets,
FORTITUDE VALLEY, 4006.
Telephone: 52 8588

40 Punari Street,
Currajong,
TOWNSVILLE, 4812.
Telephone: 79 9238

NEW SOUTH WALES:
14 Mars Road,
LANE COVE, 2066.
Telephone: 428 5455

Cnr. Parry & Arnott Streets,
COOKS HILL, 2300.
Telephone: 049 2 5197

A.C.T.:
11 Kambelia Street,
FYSHWICK, 2609.
Telephone: 80 6422

VICTORIA:
130 Dudley Street,
WEST MELBOURNE, 3003
Telephone: 329 7266

TASMANIA:
67 A Elizabeth Street,
LAUNCESTON, 7250.
Telephone: 31 5522

SOUTH AUSTRALIA:
104 Mooringe Avenue,
NTH. PLYMPTON, 5038.
Telephone: 294 3288

WESTERN AUSTRALIA:
1 Thorogood Street,
VICTORIA PARK, 6100.
Telephone: 361 4744