

Operation guide to confident colour viewing



SANYO

CPP 3000

SANYO
TELECOLOR.

FIRST WITH 3 YEAR
WORRY-FREE

WARRANTY AND
4 YEAR TUBE
WARRANTY

PLEASE
FILL IN
MAIL
AND STRATION
REGIS
CARD

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.

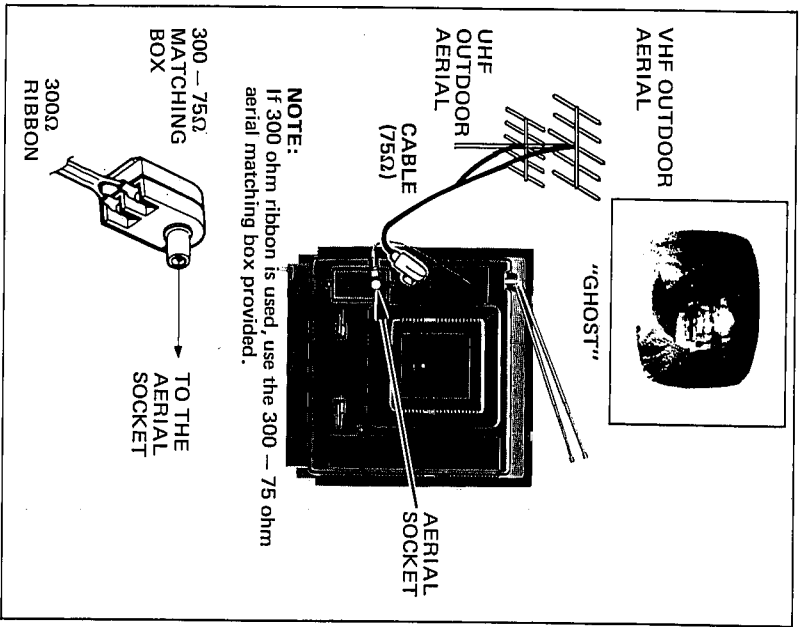
Also bear in mind the aerial may not have been designed for the flat response necessary for good colour reception.

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.

Off-On/Volume On

To switch the receiver on, press this switch.

To switch the receiver off, press it again.

Volume

Slide this control knob to the rightward position to increase volume, as required.

Channel Selector

Your receiver is equipped with ten push channel buttons which can be set to select any VHF or UHF channel in Australia. (See also Important Note.) Selection of channels is performed by simply pushing the button corresponding to the channel you require.

Tuning-in your channels

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

1. Push the button on the side of the set.
2. Open the door on the side of the set by pulling out on the groove in the door with your finger.

3. 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 U-UHF).

4. 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 (Tuning indicator (I) at the right end) you will also "tune through" channels 7 and 9 on the way.

You are now tuned to your first channel. To set the remainder of the channels in your area, push the next button, and repeat steps 3 and 4. Continue this procedure until all available channels have been tuned in.

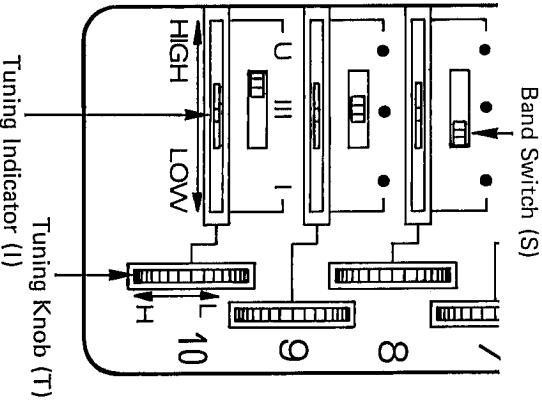
5. Turn the AFT lever to the "ON" position and the control box door closed until it clicks shut. If your receiver is correctly tuned, there will be very little change in the quality of your picture. Your receiver is now set for trouble-free viewing of your favourite programmes.

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, turning off the AFT may provide a better picture.

To turn the AFT off, open the control box door and turn the AFT lever to the "OFF" position.

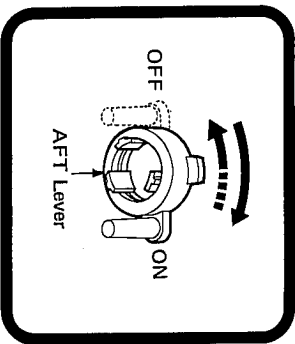


Important Note

It is possible to set any of the 10 positions to any channel received. For example, in Adelaide, the channels available are 2, 7, 9 and 10. You might set the first 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 buttons 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 10 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

Know your controls

AFT

(Automatic Fine Tuning) . . . This feature automatically compensates for local oscillator frequency drift in the tuners, maintaining the local oscillator always in correct tuning.

Brightness

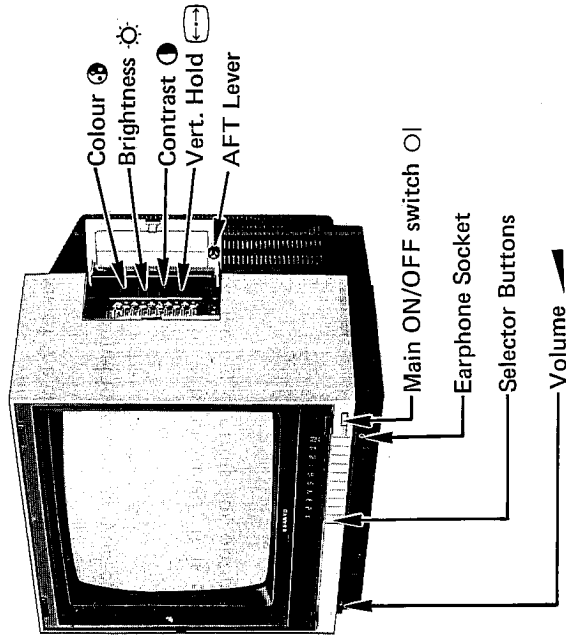
Determines the brilliance of the picture and is adjusted in conjunction with the CONTRAST control.

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.

Vertical Hold

Stops any up or down movement of the picture.



Colour

After the channel has been tuned in properly for a black and white picture adjust the COLOUR control for the desired intensity of colour. Excessive use of the COLOUR CONTROL will give a picture a "flushed" or a too brilliant picture.



CORRECT PICTURE COLOUR.



IF COLOURS APPEAR TOO FADED,
ROTATE THE COLOUR CONTROL
CLOCKWISE.



IF COLOURS APPEAR TOO FLUSH-
ED, ROTATE THE COLOUR CONTROL
ANTI-CLOCKWISE.

Earphone Socket

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.). When you use AV apparatus, push the channel selector button "10 (AV)". 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.

Smoked Filter Use

This television is equipped with a smoked filter which suppresses picture noise and improves contrast. The filter can also be easily removed in order to clean the picture tube.

Removal

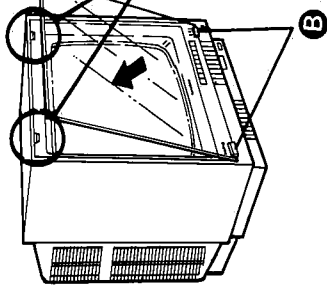
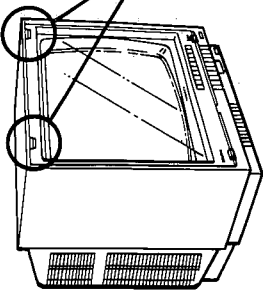
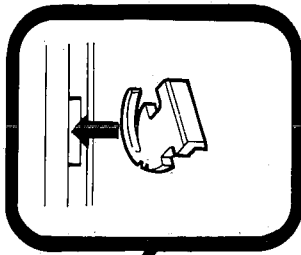
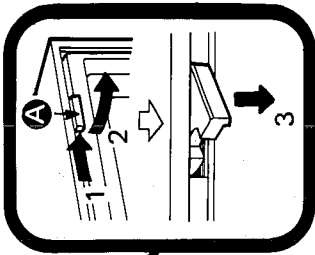
Place your fingers on the left sides of the two filter holders **A** at the top right and left of the smoked filter, and while pushing them to the right pull them forward.

Attachment

Insert the bottom of the smoked filter into the holes **B** provided for it, and attach the holders to the holes at the top right and left of the smoked filter.

As shown in the figure, insert the holders at an angle and press them in on the left sides to secure them.

Caution: The smoked filter is made of glass, so be careful when handling it.



Caring for your Sanyo Telecolor

Avoid excessively hot locations. Damage to the cabinet or premature transistor failure may result.

The bottom and rear of the cabinet are provided with ventilation holes. Do not place the receiver on top of thick cloth, or attempt to cover openings in any way.

When the receiver is not in use for a few days, it is advisable to disconnect the AC plug from the wall socket.

The surface of the cabinet can be easily damaged if not properly maintained. Many common household aerosol sprays, cleaning agents, solvents and polishes will cause permanent damage to the fine surface. Best results for cleaning are obtained with mild soap and water, and a soft cloth for drying.

Outside Interference Causes and Cures

Snow or weak picture

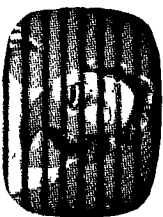
This condition may be evident when the signal to the receiving aerial is low. For the best possible reception, an outdoor aerial is essential.



Sound Bars in picture

Maladjustment of the Fine Tuning may cause "Sound Bars".

These are eliminated by adjusting the Fine Tuning control as explained in "General Operation".



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	AC240V, 50 Hz
Power Consumption	53 Watts
Tuning Range	VHF Channels 0 to 11 UHF Channels 21 to 69
Aerial Input	
Impedance	75 Ohm
Semiconductors	3 ICs
30 Transistors	
Picture Tube	37cm Diagonal, 90 Degree
High Voltage	19KV stabilized
Measurements	366(W) x 361(H) x 384(D)mm
Weight	11kg
Sound Output	1.2 Watts

SANYO TELECOLOR TROUBLE SHOOTING GUIDE

Before calling for Service check the following. It may save you unnecessary expense.

EFFECT	PROBABLE CAUSE	CURE
Loss of Colour or Intermittent Colour	Fine Tuning Maladjusted	Check that fine tuning is correctly set on all channels. AFT MUST be switched off BEFORE making fine tuning adjustments.
Loss of Colour or Intermittent Colour	Faulty antenna system Location	<p><i>NOTE: This adjustment is NOT covered under warranty.</i></p> <p>A good black & white picture does NOT necessarily indicate the antenna system is suitable for colour if pictures are snowy particularly on the higher bands, ie. Ch 6, 7, 8, 9. This would point to antenna trouble. If your antenna has been in use for three years or more it would be advisable to have this checked in any event, if you wish to enjoy the best possible colour viewing.</p>
Flashes across the Screen	Interference Faulty antenna system Faulty connection between antenna outlet and receiver	<p>Have antenna system checked. Check antenna lead connections.</p> <p><i>NOTE: This service is NOT covered under warranty.</i></p> <p>This effect can be due to stray magnetic fields often caused by.</p>
COLOUR BLOTCHES IN PARTS OF PICTURE	RECEIVER PURITY OUT OF ADJUSTMENT	<p>(1) A loudspeaker (radio, radiogram, tape or cassette recorder) being placed too close to receiver.</p> <p>(2) Switching a vacuum cleaner off close to receiver.</p> <p>(3) Electrical appliance too close to receiver ie. electric fan, refrigerator, motor driven lamp, etc.</p> <p>To correct, switch receiver off and allow to cool down for 15 minutes. Move offending article well away from receiver. Switch receiver on again. In most cases this will be sufficient. If not the receiver will require degaussing and setup by your service man.</p> <p><i>NOTE: This service is NOT covered under warranty.</i></p>

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.

QUEENSLAND:

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

40 Punari Street,

Currajong,
TOWNSVILLE, 4812.
Telephone: 79 9238

VICTORIA:

130-144 Dudley Street,
WEST MELBOURNE, 3051.
Telephone: 329 7266

TASMANIA:

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

NEW SOUTH WALES:

14 Mars Road,
LANE COVE, 2066.
Telephone: 428 5822

SOUTH AUSTRALIA:

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

Cnr. Parry & Arnott Streets,

COOKS HILL, 2300.
Telephone: 049 2 5197

WESTERN AUSTRALIA:

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

A.C.T.:

11 Kembia Street,
FYSHWICK, 2609.
Telephone: 80 6422

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