

**Operation  
guide to  
confident  
colour viewing**



**SANYO**

**CTP 3618N**

**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).

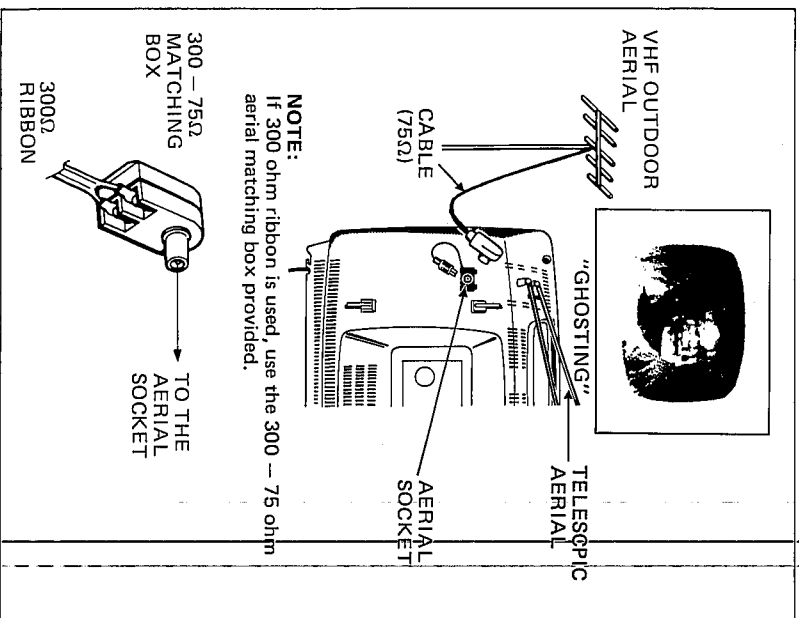
# Aerial Connection

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.

## Off-On / Volume

Turn this control knob clockwise to turn the receiver on and rotate to obtain required sound volume.

## VHF Operation

Be sure the AFT switch is in the OFF position (outer position). Rotate the VHF Channel Selector until index mark [ ● ] on the channel selector knob indicates desired channel number.

Push in and rotate the VHF Memory Fine Tuning knob slowly clockwise until interference appears. Then rotate it anticlockwise for best picture and sound. After VHF channel has been fine-tuned, depress the AFT switch to the ON position (inner position) to maintain the sharpest picture and the clearest sound under all normal conditions.

# Know your controls

## AFT ( OFF ON )

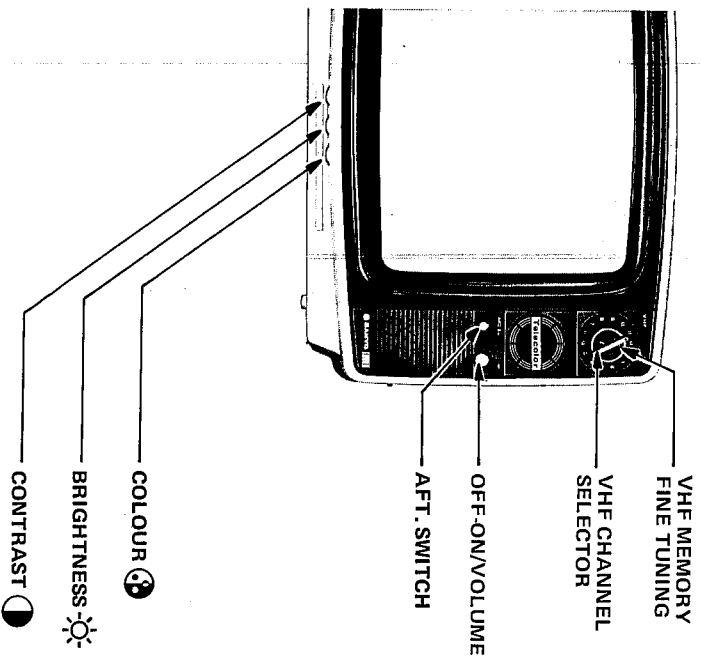
(Automatic Fine Tuning) . . . . . This feature automatically compensates for local oscillator frequency drift in the tuners, maintaining the local oscillator always in correct tuning.

## 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.



## 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.



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



CORRECT PICTURE COLOUR.



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

## 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

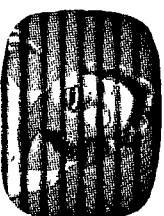
This condition may be evident when the signal to the receiving aerial is low. For the best possible reception, an outdoor aerial is essential.



### 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

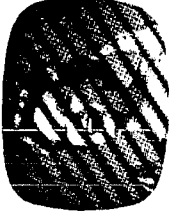
Interference in the form of ripples or unstable pictures may result from neighbouring receiving or transmitting equipment, flashing neon signs, or electrical appliances. If receiver adjustment does not eliminate this interference, the interference source must be located and corrected.



## 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 .....	AC 240V, 50 Hz
Power Consumption .....	50 Watts
Tuning Range .....	VHF Channels 0 to 11
Aerial Input Impedance .....	75 Ohm
Semiconductors .....	5 Integrated Circuits 11 Transistors
Picture Tube .....	34 cm Diagonal, 90 degree
High Voltage .....	19 KV stabilized
Measurements .....	426(W) x 331(H) x 372(D) mm
Weight .....	11 kg
Sound Output .....	1.0 Watt

## 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 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.  <i>NOTE: This adjustment is NOT covered under warranty.</i>
Loss of Colour or Intermittent Colour	Faulty antenna system Location	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.
Flashes across the Screen	Interference Faulty antenna system Faulty connection between antenna outlet and receiver	Have antenna system checked. Check antenna lead connections.  <i>NOTE: This service is NOT covered under warranty.</i>
COLOUR BLOTCHES IN PARTS OF PICTURE	RECEIVER PURITY OUT OF ADJUSTMENT	This effect can be due to stray magnetic fields often caused by.  (1) A loudspeaker (radio, radiogram, tape or cassette recorder) being placed too close to receiver.  (2) Switching a vacuum cleaner off close to receiver.  (3) Electrical appliance too close to receiver ie. electric fan, refrigerator, motor driven lamp, etc. 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.  <i>NOTE: This service is NOT covered under warranty.</i>

**Note**

# 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 Kembala 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