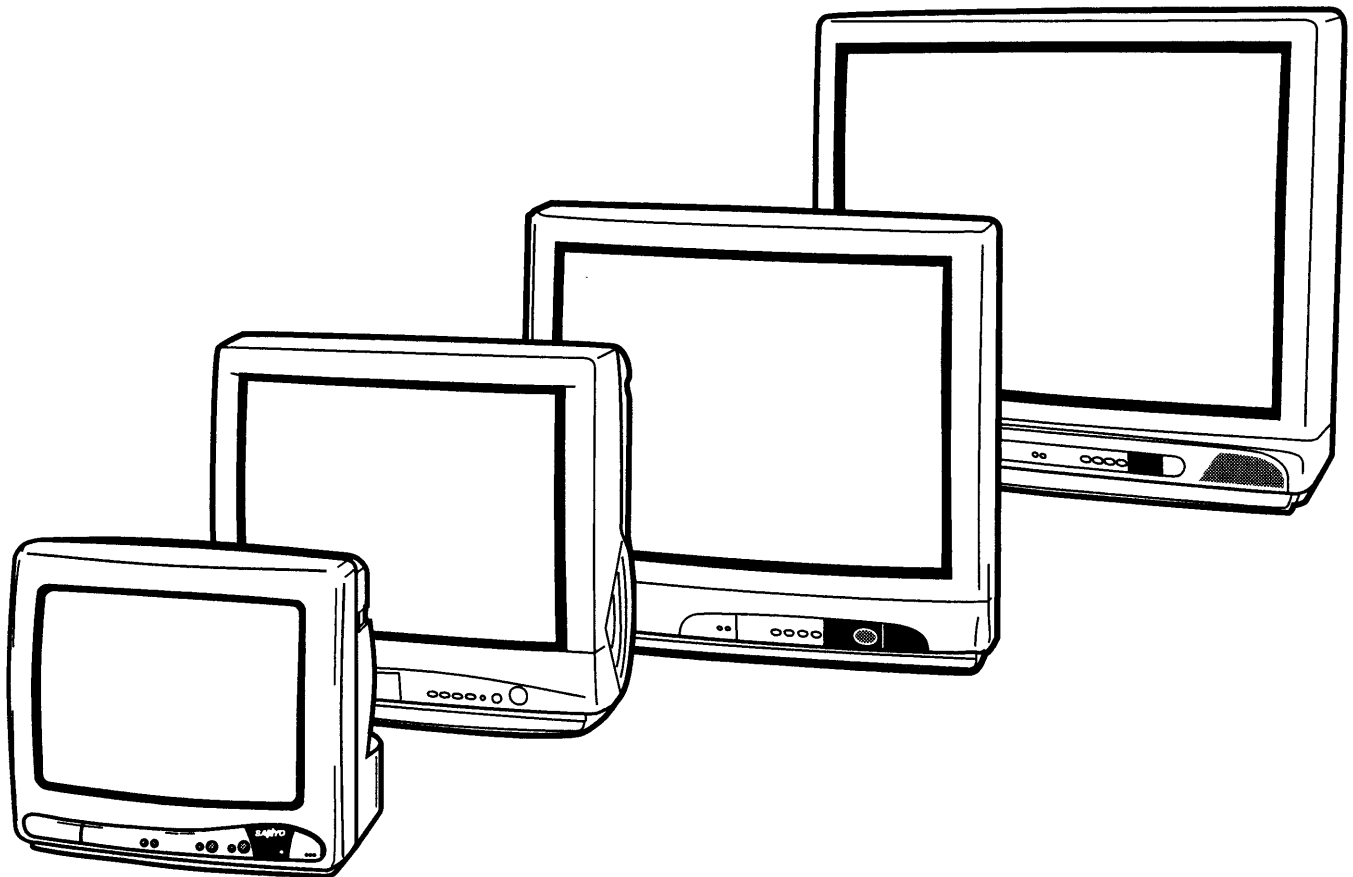


SANYO

INSTRUCTION MANUAL

**CE14MT3-B
CE21MT3-B
CE21MT3H-B
CE25MT3-B
CE28MT3-B**

COLOUR TELEVISION



***Please read this Instruction book before using your television.
We wish you many hours of pleasure from your new television.***

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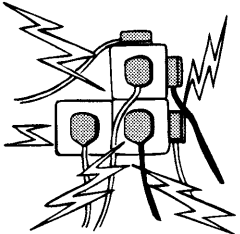
17

SAFETY PRECAUTIONS

CAUTION: Please read and retain for your safety. This unit has been engineered and manufactured to assure your personal safety. But improper use can result in potential electric shock or fire hazards. In order not to defeat the safeguards incorporated in this receiver observe the following basic rules for its installation, use and servicing.

Installation

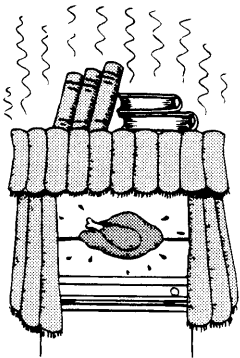
Use



Do not allow anything to rest on the power cord.

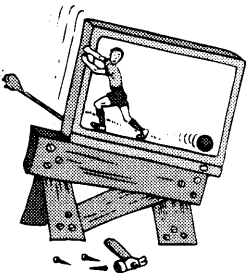
Do not locate this television receiver where the cord will be damaged by people walking on it.

Do not overload wall outlets and extension cords as this can result in fire or electric shock.

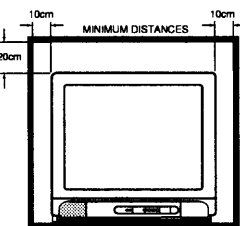


Slots and openings in the cabinet and in the back or bottom are provided for ventilation to ensure reliable operation and to protect it from overheating. These openings **must not** be blocked or covered.

The opening **should never** be covered with a cloth or other material, and the bottom openings **should not** be blocked by placing the television receiver on a bed, sofa, rug, or other similar surface. This television receiver **should never** be placed near or over a radiator or heater.

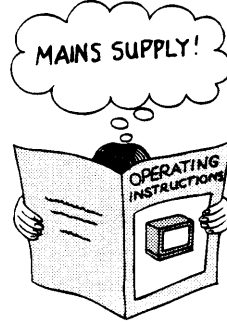
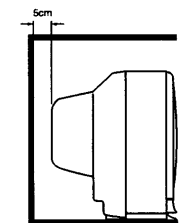


Do not place your television receiver on an unstable stand, shelf or table. Serious injury to an individual, and damage to the television may result if it should fall. Your sales person can recommend approved stands or shelf and wall mounting instructions.



This television receiver should not be placed in a built-in installation such as a bookcase unless proper ventilation is provided.

If the television is built into a unit, or enclosed, the minimum distances for ventilation must be maintained. Heat build up can reduce the life of your television, and can be dangerous.

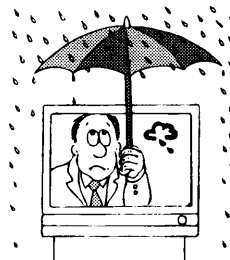


This television receiver should be operated only from the type of power source indicated on the television or as indicated in the Operating Instructions. If you are not sure of the type of power supply in your home, consult your sales person or your local power company.

Never add accessories that have not been specifically designed for this television.



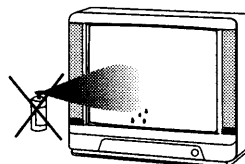
Do not drop or push objects into the television cabinet slots or openings. Some internal parts carry hazardous voltages and contact may result in an electric shock hazard. **Never** spill liquids of any kind on the television receiver.



Do not expose the television receiver to rain or use near water. For example, near a bathtub, kitchen sink, in a wet basement, etc. Before cleaning, unplug the television receiver from the wall socket.



Never stand on, lean on or push suddenly the television or its stand. You should pay special attention to children. Serious injury may result if it should fall.



Do not apply liquid cleaners or aerosol cleaners directly onto the television receiver. Use a damp cloth for cleaning.

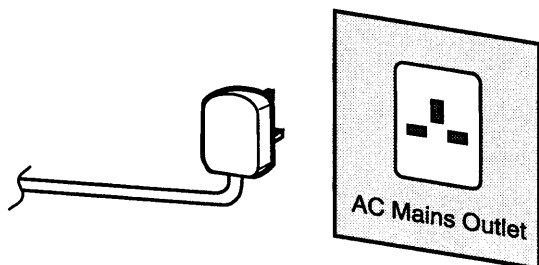
INSTALLATION

Mains Supply

The TV set is prepared for a mains voltage AC220~240V, 50Hz. Connect the power cord of the TV set to a wall outlet. When the TV set is not to be used for an extended period of time, it is advisable to disconnect the power cord from the power outlet.

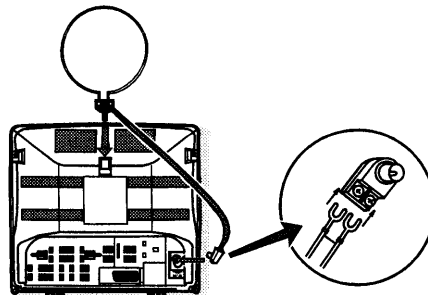
WARNING!

High voltages are used in the operation of this set. Refer service to qualified service personnel.



Loop aerial use (model 14MT3 only)

- ✎ Connect the aerial adaptor and the feeder cable. (the aerial adaptor and loop aerial are supplied parts.)
- ✎ Insert an aerial adaptor tightly into aerial socket on the back of the TV set.



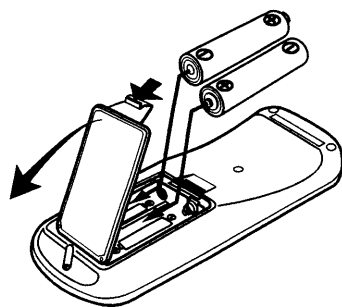
Battery Installation

1. Remove the battery cover by releasing the clip then open in direction of the arrow.
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.

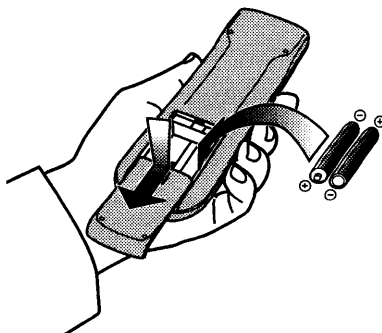
NOTE : Replace the batteries when the TV set is showing the following symptoms: Operation is unsteady or erratic, sometimes the TV does not work with the transmitter. Discharged batteries may leak and damage the unit. The normal life of batteries should be from nine to ten months.



14MT3



21MT3/21MT3H/
28MT3



25MT3

Important:

This equipment is fitted with an approved non rewirable UK mains plug. To change a fuse in this type of plug proceed as follows:

1. Remove the fuse cover and fuse.
2. Fit a new fuse which should be a BS1362 5 Amp A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place. If the mains plug contains a fuse, this should have a rating of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

Note: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

The wires in this mains lead are coloured in accordance with the following code:

Blue ----> Neutral
Brown ----> Live

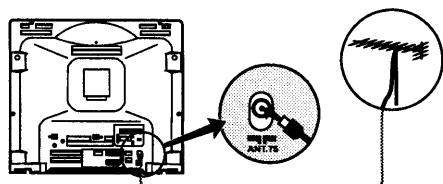
1. The Blue wire must be connected to the terminal which is marked with the letter "N" or coloured BLACK.
2. The Brown wire must be connected to the terminal with the letter "L" or coloured RED.
3. **Do not** connect either wire to the earth terminal in the plug which is marked with the letter "E" or by the earth symbol or coloured GREEN or GREEN and YELLOW.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the wires.

Aerial Connections

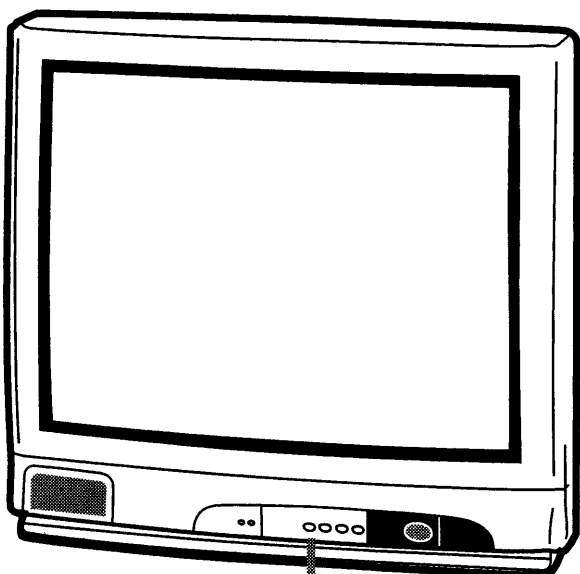
The aerial socket is located on the back of the TV set.

- ✎ For all aerial problems please consult your local dealer.
- ✎ For the connection to the peripheral AV equipment, refer to section "Connection of AV equipment" on page 14.



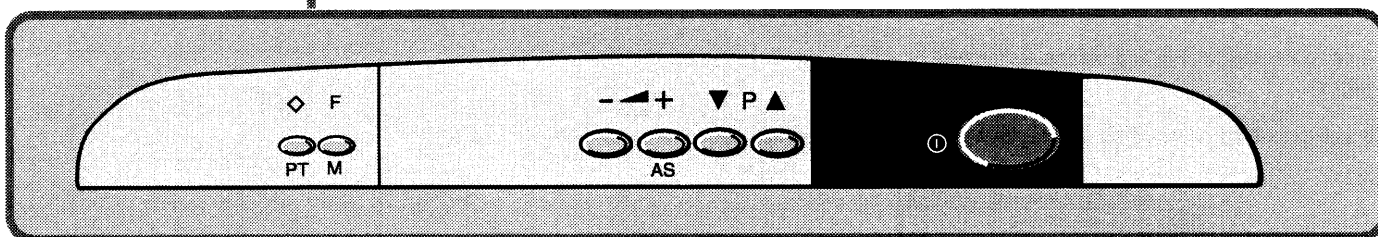
CONTROLS

Controls on TV set



Symbol	Function
⓪	Mains On/Off switch
P▼ P▲	Programme Down/Up
-▲ ▲+	Level Down/Up
F/M	Function/Preset Memory*
◇/PT	Control Memory/Presetting*

* Models 21MT3 & 21MT3H are not equipped with the F/M and ◇/PT buttons.

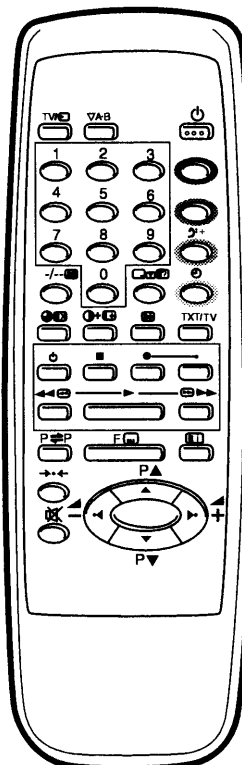
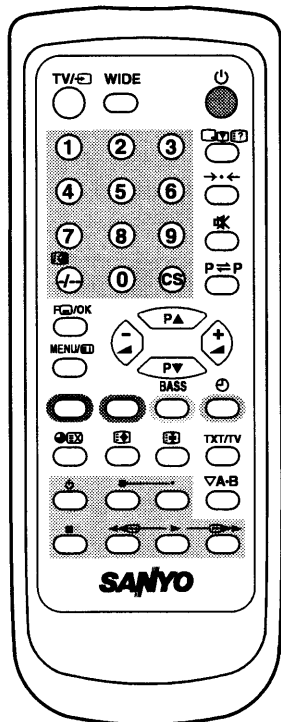
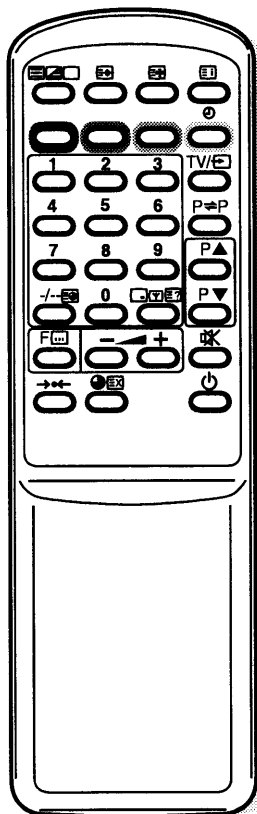


Controls on Remote Control Handset

14MT3

21MT3/21MT3H/28MT3

25MT3

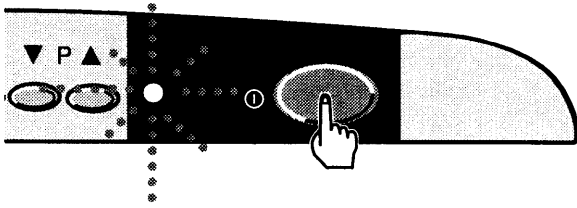


Symbol	Function
⓪	Power on/Standby
P▼ P▲	Programme Down/Up
0-9	0-9 Numeric buttons
-/-	Digit
F...	Function
-▲ ▲+	Level Down/Up
🔇	Sound mute
P⇌P	Programme alternation
TV/□	TV/AV switch
📺/□/TXT/TV	Text/Mix/TV switch
↔	Normalisation
⌚	Time call
☐.7.☐?	Recall

ALL OTHER BUTTONS ON THESE REMOTE CONTROLS ARE NON OPERATIVE

GENERAL OPERATION

Mains ON/OFF



This TV set provides a self-automatic tuning and sorting system function called "Plug & Play". It automatically begins searching, storing and sorting of all available channels when switching on the TV set for first time.

Please make sure that the aerial cable is connected to the aerial socket of the TV set before switching on.

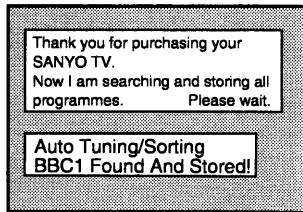
■ To turn the TV set ON, press the **Mains ON/OFF switch**. The power indicator illuminates to show the power is on.

If no picture appears but the power indicator is on, press the **⏻ button, P▲▼, or 0-9 buttons** as the TV set is in the standby mode.

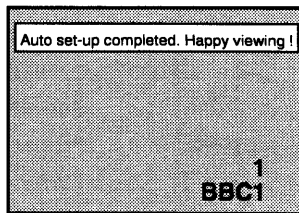
■ To turn the TV set OFF, press the **Mains ON/OFF switch** again.

■ A self-automatic tuning and sorting system will be started as follows;

The tuning status and welcome messages will appear on the screen.



Auto-tuning and sorting completed!



After completing this procedure, the programme position 1 is selected and the ending messages appear on the screen.

☞ To make this message disappear, press any of the control buttons.

Now the installation is completed !

The programme positions 1 to 6 are especially prepared for the following major stations in the UK.

- Programme position 1 : BBC1
- Programme position 2 : BBC2
- Programme position 3 : ITV
- Programme position 4 : CH4
- Programme position 5 : CH5
- Programme position 6 : SKY or BBC(SAT)

Programme position 6 is preserved for SKY or BBC(SAT) station. If both stations are available in your reception area, the first found station is stored for the programme position 6.

☞ If any of them are not available in your reception area, some programme positions from 1 to 6 will not have a stored station. The remaining stations will be stored from programme position 7 in sequence as found. .

☞ This procedure only appears at the first switch on time.

☞ If additional channels become available (you move to another city or cable is installed), please follow the description "Auto Tuning/Sorting" on page 10.

Standby

■ To turn the TV set into standby mode, press the **⏻ button**. The power indicator illuminates more brightly.

■ To turn the TV set ON from standby mode, press any of the following buttons: **⏻ button, P▲▼, 0 to 9 Numeric buttons**.

In the Standby mode the TV set is still partially powered, this is denoted by the red Standby/Power indicator illuminating more brightly than in ON mode.

The **Mains ON/OFF switch** must be in the ON position to use the remote control transmitter.

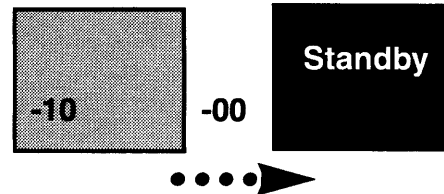
NOTE: It is not possible to turn on from the standby mode with the **Mains ON/OFF switch**.

⚠ Be sure to set the **Mains ON/OFF switch** to the off position, if a power failure occurs while viewing.

⚠ If you find the power indicator flashing, please turn the TV set off completely with the **Mains ON/OFF switch** and contact our Service desk. This warning is a sign to let you know that the power protection function of this TV set is now operating.

Auto Shut Off

This TV set will automatically switch into the standby mode, 10 minutes after a signal is no longer received. The time until the set will switch off is displayed on the screen.



■ If the aerial is removed the TV set will automatically switch into the standby mode after 10 minutes.

■ When the TV set is switched on by using the On-timer function with no signal being received, the auto-shut off function will be ignored.

GENERAL OPERATION

Programme Selection

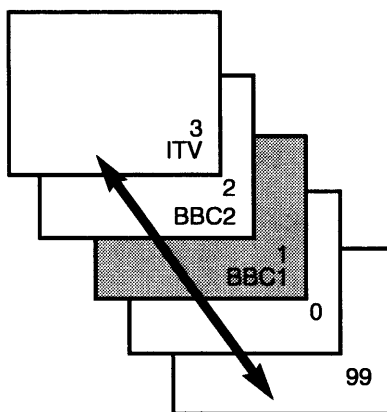
■ Direct Programme Selection

For selection of programme position 0 to 9, press the corresponding **numeric button**. If the required programme is equal or more than 10, for example 23, first press the **-/-** button then enter **2**, then **3**.



■ Up/Down Programme Selection

Press the **P▲** button to increase the programme position.
Press the **P▼** button to decrease the programme position.

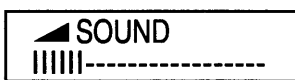


☞ The programme ID (Identification) is displayed together with the programme number on the screen automatically when one of the following major stations in the U.K. is selected, BBC1, BBC2, ITV, CH4, CH5 and SKY or BBC(SAT) stations. Further information, see description Automatic Tuning/Sorting on page 10.

Sound & Picture settings

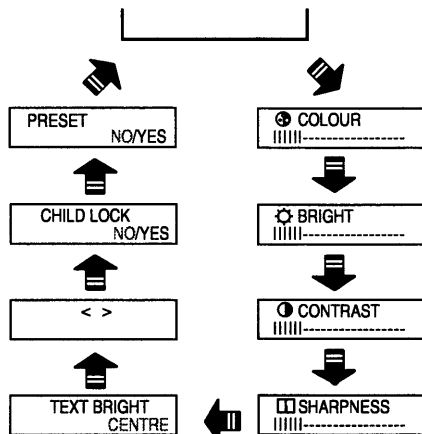
■ Sound Volume Control

To adjust the sound volume level, press the **▲+** or **▼-** button.



■ Selection & Adjustment of Controls

Following controls can be selected by using the **F** button and adjusted using the **▲+** or **▼-** button.



⊕ **COLOUR** : To adjust the picture colour.

⊙ **BRIGHT** : To adjust the picture brightness.

⊙ **CONTRAST** : To adjust the picture contrast.

▣ **SHARPNESS** : To adjust the picture sharpness.

TEXT BRIGHT : To select the teletext brightness level of the teletext mode (see page 12).

< > **Fine tuning** : To make fine adjustments to tuning.

CHILD LOCK : To lock the control keys on the TV. (see page 8)

PRESET NO/YES : To enter the presetting mode. (see page 10, 11)

1. Press the **F** button repeatedly until the desired control appears on the screen.

The control display changes as illustrated.

2. Press the **▲+** or **▼-** button to adjust the selected control level up or down.

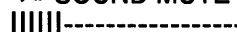
The following functions do not appear in AV mode: Fine tuning, Preset No/Yes.

Sound Mute

Press the **⊗** button to switch off the sound from the speakers.
Press the **⊗** button again to switch the sound back on.

☞ When the **▲+** or **▼-** button is pressed, the sound muting will be cancelled.

⊗ **SOUND MUTE**

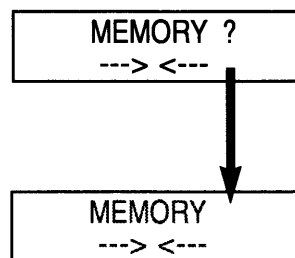


Memory & Normalisation

This TV can store and recall the picture and sound control levels into and from a memory.

■ Memory

Press the **F** button to select desired control then press the **P→P** button while the control display is still on the screen, (approximately 5 seconds), followed by the **→•←** button. This completes the memorisation.



■ Normalisation

Press the **→•←** button to recall the picture and sound control settings stored in the memory.

NORMAL

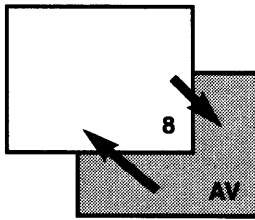


GENERAL OPERATION

Selection of AV mode

Most AV equipment will automatically switch to the AV mode (because of the pin 8 function signal) by pressing the PLAY button on your AV equipment.

If not, press the TV/AV button to select the AV mode manually.



Child Lock

This TV has a child lock function which can lock the control key operation on the TV set. By this means, you can block unexpected key control on the TV set by children, etc.

Setting the Child Lock Mode

Press the F button repeatedly until the word "CHILD LOCK" appears on the screen, next select "YES" by pressing the + or - button. Now it is in the child lock mode.



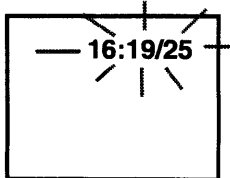
Cancelling the Child Lock Mode

Follow the above procedure and you should select "NO" by pressing the + or - button.

The setting of child lock mode will be cancelled by switching off the TV set with the Mains ON/OFF switch.

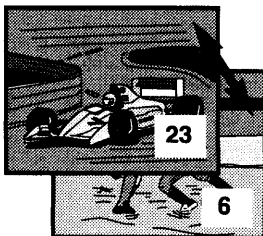
Time Call

In the TV mode, if the receiving programme has a teletext service when the button is pressed, the present time will be displayed on the screen for about 5 seconds.



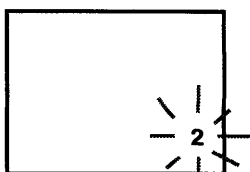
Alternative Programme

Press the P=P button to switch back to the previous programme position watched. Press the P=P button again to switch back.



Recall

Press the button to display the programme information for about 5 seconds.



VCR Use

* For models 21MT3, 21MT3H, 25MT3 and 28MT3

This remote control transmitter has been designed to be used in conjunction with selected SANYO VCR's. Some SANYO VCR's may have their own functions, so please refer to the individual instruction booklet when using this remote control to ensure compatibility.

RECORD:

Use to record on the tape. Press both of the RECORD buttons at the same time.

PLAY:

Use to playback the tape.

STOP :

Use to stop the movement of the tape.

FAST/CUE:

Use to advance the tape at fast speed, or in order to playback the tape at fast speed.

REWIND/REVIEW:

Use to rewind the tape or in order to playback the tape in reverse at fast speed.

RECORD:

Use to record on the tape. Press both of the RECORD buttons at the same time.

Symbol	Function
	Power on/off
	Play
	Stop
	Fast/Cue
	Rewind/Review
	Record

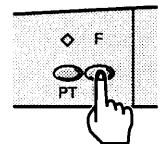
Controls on the TV Set

For models 14MT3, 25MT3, 28MT3

This TV has been designed to control all of the functions by using the remote control handset. But, if the remote control handset is not near you or does not operate properly because of weak batteries, you can control the following functions by using the control buttons on the TV set.

Function

When you press the F/M button repeatedly, the sound or picture control will be selected. (Same operation of the F button on the remote control transmitter.)



Memory

When you press the diamond/PT button while the screen display is still on the screen, the current control levels will be stored into the memory.

Presetting

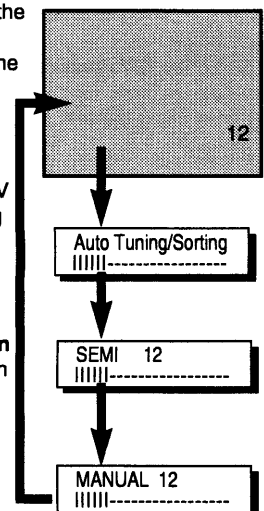
When you press and hold the diamond/PT button for more than 2 seconds in the TV mode, the TV set enters to the presetting mode. Press this button repeatedly, the mode changes as illustrated.

Searching for a station

When you press the + or - button in the preset mode, the TV set will search a station.

Store a station into the programme position

When you press the F/M button in the presetting mode, a tuned station will be stored to the selected programme position.



TIMER SETTING

This TV has a timer function which will switch your TV on or off after a preset period of time. Select the following modes by pressing the **●** button repeatedly.

■ Sleep timer setting

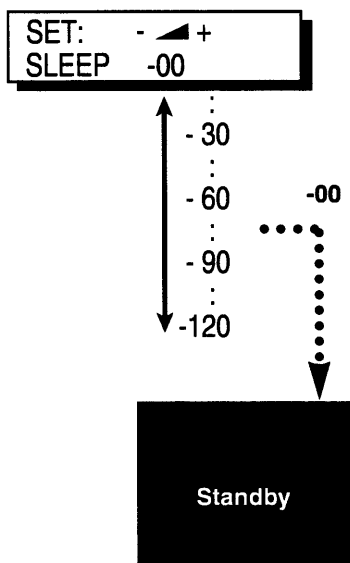
You can select a time period from which the set will switch into the standby mode.

■ On-timer setting

You can set a time period from which the set will switch on from the standby mode.

Sleep Timer Setting

1. Press the **●** button once. The words "SET SLEEP" will appear on the screen.
2. Set the time period by pressing the **▲** + or **▼** button. The display changes in 30 minute steps.



If you have set a time, the one minute before the TV switches off the remaining minute automatically appears on the screen.

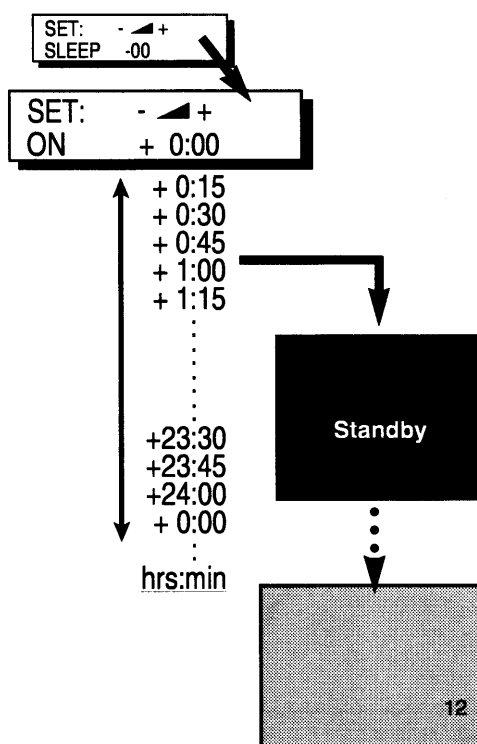
To cancel the sleep timer, select "-00" by using the above procedure.

On Timer Setting

1. Press the **●** button twice. The words "SET ON" will appear on the screen.
2. Set the time period by pressing the **▲** + or **▼** button.
 - ☞ If you press **▲** + or **▼** button, the time changes in 15 minute steps, if you hold down the button it changes more rapidly stepping up or down.
 - ☞ The maximum time delay for the TV to switch on, is 24 hours.
3. Press the **⏻** button to switch into the standby mode.

The TV set automatically switches on when after the time period has elapsed.

To cancel the on-timer, set to "+ 0:00" by pressing the **▲** + or **▼** button or the **↔** button in step 2.



- ☞ The on-screen display will disappear 10 seconds after the last button is pressed.
- ☞ The programme position at which the TV set will switch on by using on-timer function is the last watched position.
- ☞ When the TV set is switched on by using the on-timer function, the TV set will automatically switch into the standby mode after 2 hours if no key control is input.
- ☞ If the TV set is switched off by the **Mains Switch** **⓪** or a power failure occurs while the on-timer or the sleep timer are operating, the timer settings will be cancelled.
- ☞ If you want to see the remaining time which you have set, select the sleep or on-timer mode by pressing the **●** button.

PRESETTING

Up to 100 broadcast channels in your reception area can be stored in the electronic memory.

There are three modes of pre-setting channels as follows:

■ Automatic tuning/sorting

All receivable channels are found and stored automatically, and the specified 6 major stations in the UK are sorted to programme positions 1 to 6.

■ Semi-automatic presetting

Used to preset a receivable channel in any desired programme position.

■ Manual presetting

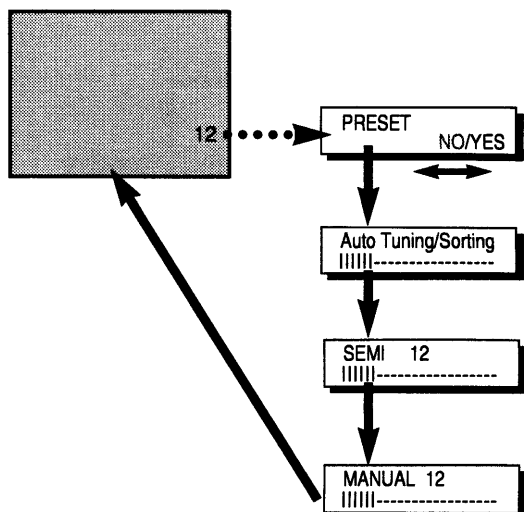
Manually tune a channel if it cannot be automatically tuned, such as when the signal is poor.

Selection of Presetting Mode

The presetting of this TV set can be performed by using the control buttons on the remote control handset.

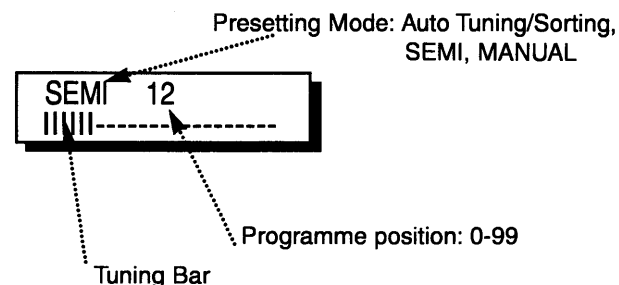
To select the presetting mode, press the **F** button repeatedly until the word "PRESET NO/YES" appears on the screen, next select "YES" by pressing the **◀ +** button, and then press the **F** button. The presetting mode screen display appears.

Each time the **F** button is pressed, the tuning mode will change as illustrated.



If you select "YES" but do not press the **F** button within 5 seconds, the mode automatically changes to the normal TV mode.

On-Screen Display in the Presetting mode



Automatic Tuning/Sorting

This function automatically finds and stores all the receivable stations. The programme positions 1 to 6 are especially prepared for the following major stations in the UK.

- Programme position 1 : BBC1
- Programme position 2 : BBC2
- Programme position 3 : ITV
- Programme position 4 : CH4
- Programme position 5 : CH5
- Programme position 6 : SKY or BBC(SAT)

Programme position 6 is reserved for SKY or BBC(SAT) station. If both stations are available in your reception area, the first found station is stored for the programme position 6.

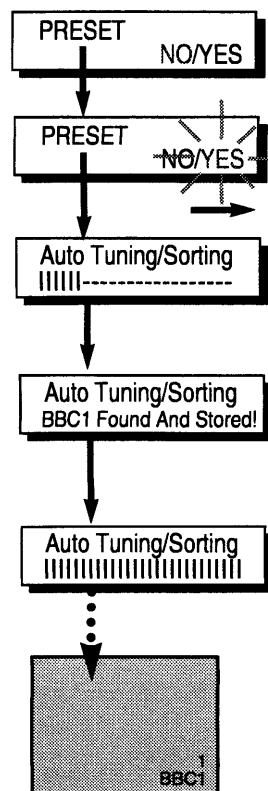
If any of them are not available in your reception area, some programme positions from 1 to 6 will not have a stored station. The remaining stations will be stored from programme position 7 in sequence as found.

1. Press the **F** button repeatedly until the word "PRESET NO/YES" appears on the screen.
2. Select "YES" by pressing the **◀ +** button.
3. Press the **F** button once to select the automatic presetting/sorting mode. The words "Auto Tuning/Sorting" appears on the screen.
4. Press the **◀ +** button to begin automatic presetting and sorting.

After all receivable channels have been found and stored, the TV set automatically returns to programme position "1".

The automatic tuning/sorting operation can be cancelled at any time by pressing the **F** button.

- ☞ When one of the 6 major stations is selected, the programme ID (Identification) is displayed together with the programme number on the screen automatically for about 5 seconds.
- ☞ The Programme ID display and the sorting function may not operate properly under the following conditions.
 - The reception of a weak signal condition.
 - The reception of a station which does not have a teletext service.
- ☞ You can change the order of stored station, use the channel swapping function, refer to page 11.



PRESETTING

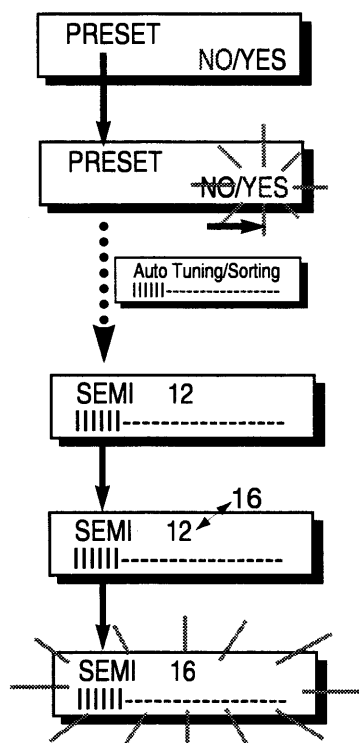
Semi-Automatic Presetting

1. Press the **F** button repeatedly until the word "PRESET NO/YES" appears on the screen.
2. Select "YES" by pressing the **◀ +** button.
3. Press the **F** button twice to select the Semi-automatic presetting mode. The word "SEMI" appears on the screen.
4. Press the **◀ +** or **◀ -** button, to begin searching. When a station is found, searching automatically stops.
5. Select your desired programme position where you wish the station to be stored using the **P▲** or **P▼** buttons.
6. Press the **→•←** button to store in the memory.

Repeat steps 4 to 6 for other desired channels.

To return to the normal TV mode, press the **F** button twice.

This completes the semi-automatic presetting.



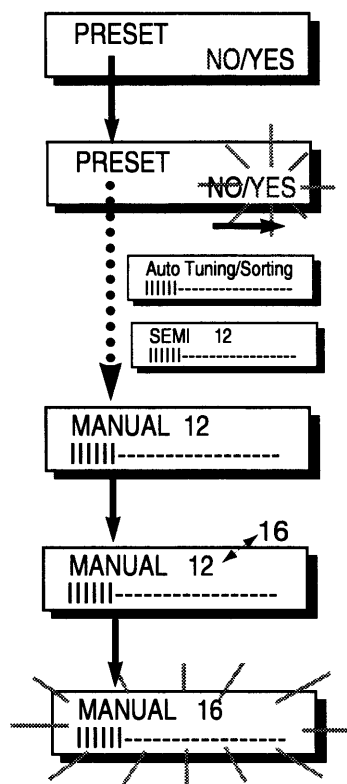
Manual Presetting

1. Press the **F** button repeatedly until the word "PRESET NO/YES" appears on the screen.
2. Select "YES" by pressing the **◀ +** button.
3. Press the **F** button three times to select the manual presetting mode. The word "MANUAL" appears on the screen.
4. Press and hold the **◀ +** or **◀ -** button, to begin searching. Release the button when a station is found.
5. Select your desired programme position where you wish the station to be stored using the **P▲** or **P▼** buttons.
6. Press the **→•←** button to store in the memory.

Repeat steps 4 to 6 for other desired channels.

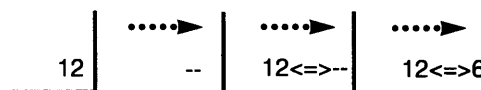
To return to the normal TV mode, press the **F** button once.

This completes the manual presetting.



Channel Swapping

Use this channel swapping feature to swap the channels between two stored programme positions. This feature is particularly useful after automatic presetting.



1. Select one of the TV channels you wish to swap by using the **P▲**, **P▼** or using the (0-9) numeric buttons.
2. Press the **-/-** button. "--" appears on the screen. Press the **P=P** button. Channel swapping mode is displayed.
3. Enter the other programme number by using the (0-9) numeric buttons with two digit numbers.

For example:

Selection of programme position 6, first enter 0 and then enter 6.
Selection of programme position 25, first enter 2 and then enter 5.

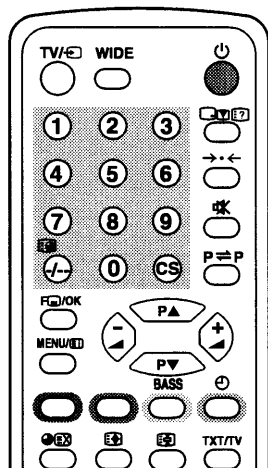
The two TV channels will now have changed places.

Repeat steps 1 to 3 for all other TV channels you want to swap.

The above procedure must be done while the on-screen display is still on the screen.

TELETEXT

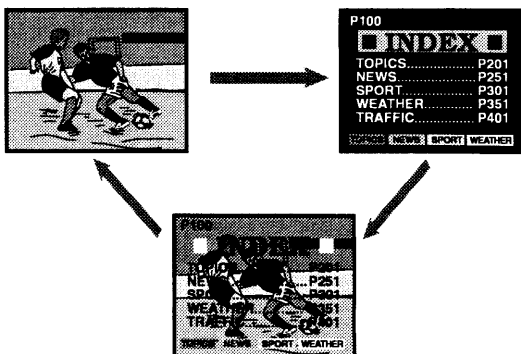
Teletext Controls



Symbol	Function
TXT/TV / []	TEXT/MIX/TV switch
0-9	0-9 numeric buttons
▼ P ▲	Page up/down
[]	Index page selection
[]	Hold
[]	Size
[]	Cancel
[]	Sub coded page selection
[]	Reveal
[]	Red
[]	Green
[]	Yellow
[]	Blue

Switching to the Teletext mode

Press the [] / TXT/TV button, to select teletext. Press again to select teletext and TV picture. Press again to return to TV mode.



Picture & Sound in teletext mode

Picture and Text brightness controls in the teletext mode

You can not adjust the picture or teletext brightness in the teletext mode. You must first switch back to the TV mode and then adjust the picture control or set the teletext brightness level.

How to set the teletext brightness level

1. Press the F button repeatedly in the TV mode until the word "TEXT BRIGHT" appears on the screen.



2. Press the + or - button to select one of the 3 teletext brightness levels either MAXIMUM, CENTRE or MINIMUM.
3. Confirm the selected teletext brightness level by switching to the teletext mode by pressing the [] / TXT/TV button.

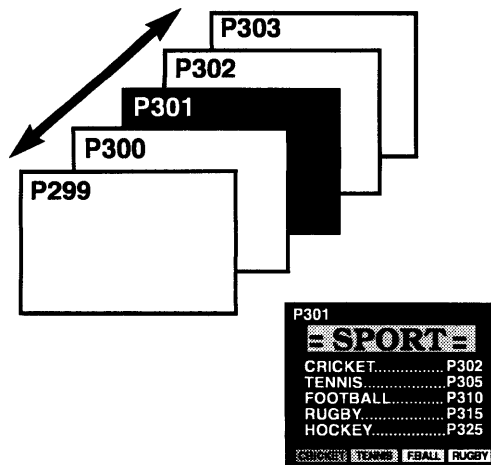
Sound control in the teletext mode

Only sound volume and muting can be controlled in the teletext mode but the on-screen display will not appear.

Page Selection

Direct page access

Enter a page number directly using the 0-9 numeric buttons. eg. To select page 301, press 3 then 0 and then 1.



Up/down page access

Press the P▲ or P▼ button to select the next or previous page number.

P▲ : P301 → P302 → P303 P399 → P400

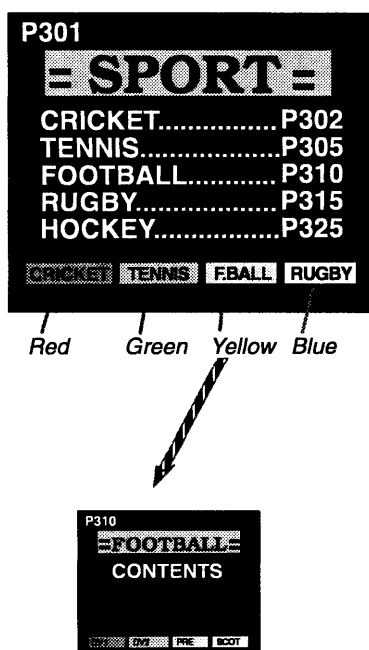
P▼ : P301 → P300 → P299 → P298 P201

Coloured button page access

Press one of the 4 coloured buttons to select the topics shown at the bottom of the text screen.

For example the Red topic can be selected using the Red button, the Blue topic by the Blue button, and so on forth with the other colours.

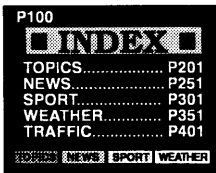
When the teletext service is not transmitting with the FLOF, 4 coloured page numbers will appear at the bottom of the screen instead of the topics.



TELETEXT

Index Page Selection

Press the **INDEX** button to select one of the teletext index pages.



Hold

Press the **HOLD** button to stop sub pages changing.

The word "HOLD" will appear instead of the page number.

Some teletext pages are made up of several sub pages. These sub pages are automatically changed. Sub page is shown as P2/4 (sub page 2 of 4 pages) the location on the text page depends on the text service.

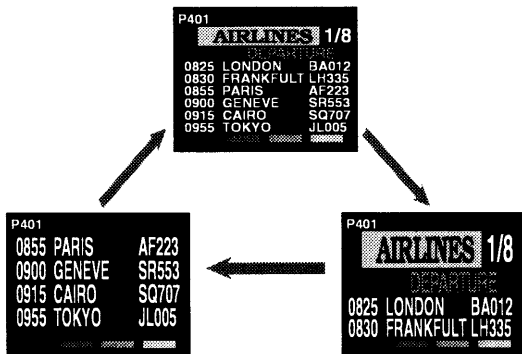


Double Letter Height

Press the **DL** button to enlarge the top half of the text page.

Press the **DL** button again to enlarge the bottom half of the text page.

Press the **DL** button again to return to the normal size page.



Viewing TV while searching for a page

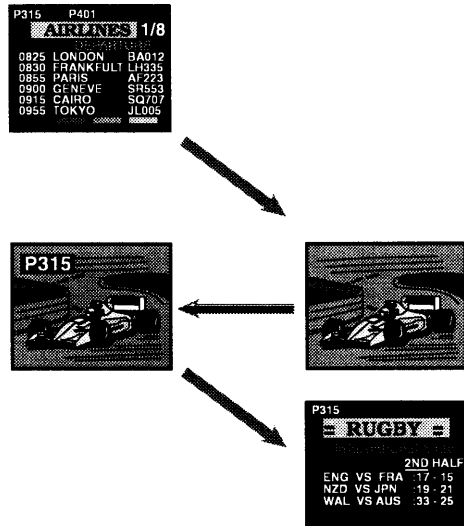
Sometimes the page access can take some time.

While waiting you can view the TV picture by pressing the **TV** button.

1. Enter a new page number. Press the **TV** button.

When the page is found, the page number will appear over the TV picture.

2. Press the **EXIT** / **TXT/TV** button to view the page.



Sub Page Access

With a text page selected which has sub pages, you may wish to read a known sub page number.

1. Press the **S** button. "S****" will be displayed instead of the page number.

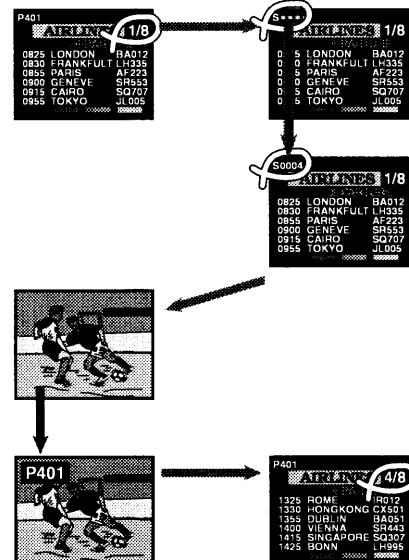
2. Enter the sub page number by using the (0-9) buttons.

For example, to enter the sub page 4, press buttons 0, 0, 0 and 4.

3. Press the **TV** button to return the normal TV picture.

Immediately the correct sub-coded page is reached, the page number will appear on the TV picture.

4. Press the **EXIT** / **TXT/TV** button to view the sub page.



TELETEXT / CONNECTION OF AV EQUIPMENT

Updated Pages

Some text pages are updated such as latest sports scores or traffic news.

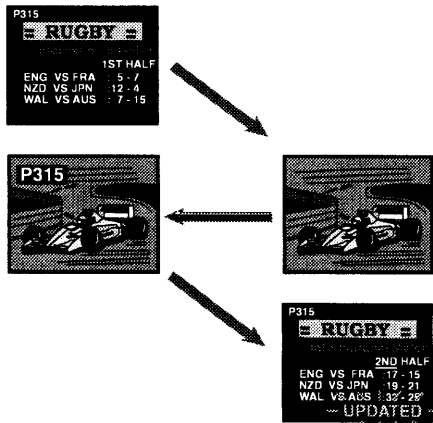
Select a latest page.

1. Press the **EX** button to view the TV picture.

When the page is updated the page number will appear over the normal TV picture.

2. Press the **TEXT/TV** button to view the updated page.

If the page has sub pages the number will appear when the sub page is changed.



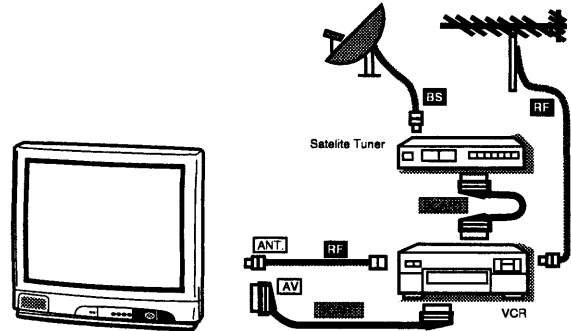
Use of a VCR and Satellite Tuner

CONNECTION

- ✓ Connect RF cables. Roof aerial to VCR & VCR to TV, Dish aerial to satellite tuner.
- ✓ Connect Scart cables. AV to VCR & VCR to satellite tuner.

ABILITY

- ✓ Watch TV programmes.
- ✓ Watch satellite programmes on AV mode.
- ✓ Watch the playback from the VCR on AV mode.
- ✓ Record TV and satellite programmes.



Cancel

When you press the **EX** button, the TV picture appears on the screen. Whilst in this mode you can not select another TV programme. You should first switch back to TV reception by pressing the **TEXT/TV** button if required.

Teletext reception

If your aerial signal is poor, the teletext reception may be poor.

The following are our recommended standard connections for AV equipment. There are various types of connections depending on the equipment which you have or its use. For further information please consult your local dealer.

Use of a VCR

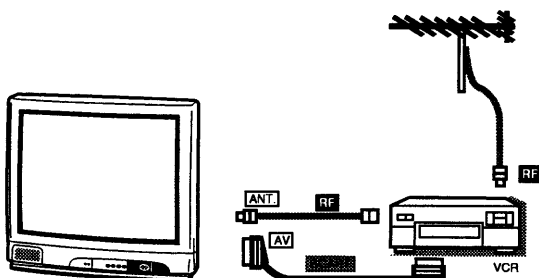
CONNECTION

- ✓ Connect RF cables. Roof aerial to VCR & VCR to TV.
- ✓ Better picture quality can be obtained if you also connect a Scart cable.

ABILITY

- ✓ Watch TV and cable TV programmes.
- ✓ Watch the playback from the VCR on position 0 or when using a Scart cable, it is on AV mode.
- ✓ Record TV and cable TV programmes.

When you connect the VCR to the aerial terminal on the TV using an RF cable, it is advisable to tune the VCR channel to the programme position 0, this is useful position for VCR use.



SPECIAL FUNCTIONS / SPECIFICATIONS

Special Functions

This TV set allows you to set up the following special functions.

1. Press and hold the **[MUTE]** button on the Remote control handset and then press the **P▲** button on the TV set.
2. To select the "ITEM" number, press the **F□** button on the remote control handset.
3. To select the "SET" number, press the **▲ + / ▼ -** button repeatedly.
4. To return to the normal TV mode, press the **[MUTE]** button.

■ Maximum volume setting and prohibition of presetting

ITEM 1 Sets the current volume as the maximum volume level and prohibition of presetting.

SET→ 0 NO SET→ 1 YES

■ Start up programme position

ITEM 2 Presets the programme position when the set is switched on.

SET→ 0 Last programme position start
 SET→ 1 Programme position "1" start
 SET→ 2 Programme position "2" start
 SET→ 3 Programme position "3" start
 SET→ 4 Programme position "4" start
 SET→ 5 Programme position "5" start
 SET→ 6 Programme position "6" start
 SET→ 7 Programme position "7" start
 SET→ 8 Programme position "8" start
 SET→ 9 "AV" start

The setting conditions of all items can be confirmed.

Special functions are not cancelled if the TV set is switched off or the mains disconnected.

Scart Specifications

The specification of the Scart sockets are as follows.

AV Terminal

Pin 1	Audio output	0.5V/ 1 K ohm
Pin 2	Audio Input	0.5V/10 K ohm
Pin 3	Audio output	0.5V/ 1 K ohm
Pin 4	Audio earth	
Pin 5	Earth (blue)	
Pin 6	Audio Input	0.5V/10 K ohm
Pin 7	Blue (B) input	0.7Vpp/75 ohm
Pin 8	Remote switch input	L:0-2V H:10-12V
Pin 9	Earth (green)	
Pin 10		
Pin 11	Green (G) input	0.7Vpp/75 ohm
Pin 12		
Pin 13	Earth (red)	
Pin 14	Earth	
Pin 15	Red (R)	0.7Vpp/75 ohm
Pin 16	Fast blanking	L:0-0.4V H:1-3V
Pin 17	Earth(video)	
Pin 18	Earth	
Pin 19	Video output	1 Vpp/75 ohm
Pin 20	Video/sync.	1 Vpp/75 ohm
Pin 21	Connector shield	

TV Specifications

Common Specification

Power source	AC 220~240V 50Hz			
Television system	System I			
Colour system	PAL			
Receiving channel	UHF: 21-69			
Aerial input impedance	75ohm			
AV terminal	AV: CENELEC Standard			
21-Pin Terminal				

	<u>14MT3</u>	<u>21MT3 / 21MT3H</u>	<u>25MT3</u>	<u>28MT3</u>
Sound output (music)(watts)	2.5	5	5	5
Picture tube (Diagonal)(cm)	37	55	63	70
(Visible picture diagonal) (cm)	34	51	59	66
Dimensions (W x H x D mm)	370 x 335 x 391.5	521 x 465 x 481	584 x 534 x 447	628 x 567 x 469
Weight (kg)	9.0	19.0	24.5	30.4

Specifications subject to change without notice.

SERVICING & HELPFUL HINTS

Servicing

Your television is fully transistorised and does not contain any user serviceable components.

Removal of the cabinet cover may expose you to dangerous voltages. Refer all servicing to qualified service personnel.

Unplug the television receiver from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- If the power cord or plug is damaged.
- If liquid has been spilt into the television receiver.
- If the television receiver has been exposed to rain or water.
- If the television receiver has been dropped or the cabinet has been damaged.
- If the television receiver exhibits a distinct change in performance.
- If the television receiver does not operate normally by following the operating instructions.

Adjust only those controls that are covered in the operating instructions as improper adjustment of other controls may result in damage. This will often require extensive work by a qualified technician to restore the television receiver to normal operation.

When replacement parts are required, have the service technician verify that the replacements he uses have the same safety characteristics as the original parts. Use of manufacturers specified replacements can prevent fire, shock or other hazards.



Helpful Hints



■ NO PICTURE, NO SOUND

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



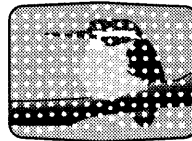
■ POOR PICTURE, SOUND OK

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



■ NO COLOUR, PICTURE OK

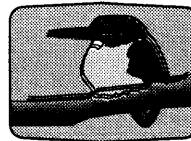
- Adjust COLOUR control.
- Adjust FINE TUNING control.
- Is the programme in colour?



■ WEAK PICTURE

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

WARRANTY TO CUSTOMER

Sanyo U.K. Sales Ltd. (the company) warrants to the initial retail purchaser that if this equipment is or becomes defective and that, in the opinion of the Company, the defect is due to faulty material or workmanship the Company will, for a period of 12 calendar months from the date of sale to the original purchaser repair or replace, at its sole option, free of charge, any such defective component part of the equipment, always provided that:-

- 1: The equipment has at all times been used in accordance with the operating instructions issued by the Company, and has not been connected to an electrical mains supply for which it has not been adjusted.
- 2: Accidental damage or damage caused by negligence of misuse by the user, is specifically excluded.
- 3: Unauthorised repairs, or any modification to the equipment which has not been expressly approved by the Company, shall render this warranty null and void.
- 4: Failure due to fair wear and tear of any item is specifically excluded.

This warranty is not transferable and is only applicable within the United Kingdom (and the Republic of Ireland).

Nothing in this express warranty affects the statutory rights available to the purchaser of this equipment.

Note: This warranty supersedes any other form of guarantee that may inadvertently have been enclosed with or attached to the product.

Dear Customer.

Thank you for buying SANYO. This equipment should give you many years of pleasure and faithful service but in the event that a fault occurs, the following notes for your guidance may be helpful:-

- 1: PLEASE RETAIN YOUR PURCHASE RECEIPT WHICH WILL BE REQUIRED FOR SERVICE DURING WARRANTY.
- 2: If your Sanyo equipment proves faulty during the period of guarantee, take it or send it back to the dealer who originally supplied it together with this guarantee and the proof of purchase. We have made arrangements with our approved dealers under which they will carry out in guarantee service repairs on our behalf. In this way, we hope to reduce to a minimum the amount of time you will be without your equipment.
- 3: If for some reason it is impossible to return the equipment to the original supplier, please contact our Service Department at the address below for further advice.
- 4: Should the equipment require servicing after the expiry of the guarantee period, take or send it to the original supplier or any other Sanyo dealer. He will be pleased to give you a quotation for the repair.

Service Department,
Sanyo UK Sales,
(A Division of SANYO Europe Ltd.),
Sanyo House,
Otterspool Way,
Watford, Hertfordshire, WD2 8JX.
Tel: 01923 246363

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