Goodmans

1403R

14"
REMOTE CONTROL
COLOUR TELEVISION
(34cm V)

4021

OPERATING INSTRUCTIONS
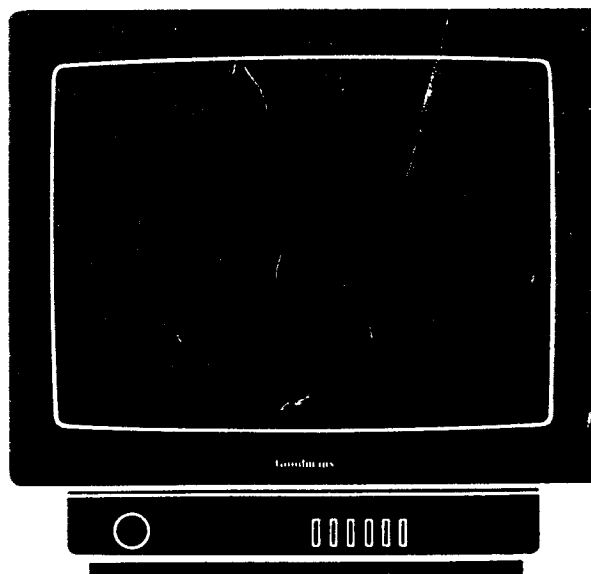
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1.0   INTRODUCTION

All television functions - programme selection, volume, brightness, contrast, colour etc. may be operated remotely using the infra-red remote control hand unit. Clearly labelled keys are provided for each function. Local control of all functions is also possible if remote control is not, *e.g.* if the remote control hand unit batteries are exhausted.

Your TV is suitable for use with equipment which generates a Radio Frequency (RF) output and plugs into the aerial socket *e.g.* VCR's (video cassette recorders), home computers, computer games and satellite receivers. Simply allocate programme numbers to these as described later.

When your TV is `set up', all programme selection information including that for ancillary equipment is stored in memory and depression of the relevant key(s) instantly selects the programme of your choice.

This television is equipped with a range of features which can be selected by you, the user. In order to reduce the number of controls required on the television, an **`On Screen Display'** (OSD) has been included in the TV. The OSD provides information about what programme and options are selected, and provides guidance on using and setting up the television.

2.0   INSTALLATION

Safety Notes

To ensure safe and satisfactory performance of your television, read the contents of this section carefully before attempting to use it.

Do not cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then obtain an appropriate safety approved extension lead or consult your dealer.

If there is no alternative to cutting off the mains plug, ensure that you dispose of it immediately, to avoid a possible shock hazard by inadvertent connection to the mains supply.

If this product is not supplied fitted with a mains plug then follow the instructions given below:

> **IMPORTANT: DO NOT** make any connection to the terminal which is marked with the letter E or by the safety earth symbol ⏚ or coloured green or green-and-yellow.

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

> **BLUE - Neutral**   **BROWN - Live**

> As the colours of the wires in the mains lead of this appliance may not correspond to the markings identifying the terminals in your plug, proceed as follows:

> Connect the **BLUE** wire to the terminal marked **N** or coloured **BLACK**

> Connect the **BROWN** wire to the terminal marked **L** or coloured **RED**

If connections are to be made: Ensure all terminal screws are securely tightened and no loose wires are protruding from the terminals, and that the mains lead is securely retained in the plug by the cable clamp tightened over its outer sleeving.

Fit a **5 amp fuse** to the plug. If the plug is not fused, protect the equipment with a **5 amp fuse** or **5 amp fuse wire** at the **fuse box** or **distribution board.** Always replace the fuse cover, never use the plug with the fuse cover omitted.

IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN

Ventilation

It is important that all ventilation slots at the top and bottom of the cabinet cover are clear of obstruction so that a free flow of air may be maintained. *DO NOT* cover with any kind of material such as curtains, cloths etc., and *DO NOT* place equipment close to heaters.

Protection and Safety

If your television fails to operate after normal warm-up time or during use, switch off, remove the plug from the power point and consult your dealer or local qualified TV engineer. *DO NOT* operate the TV in a fault condition as this may cause further damage.

NEVER REMOVE THE CABINET BACK AS POTENTIALLY DANGEROUS VOLTAGES EXIST INSIDE THE SET. IF SERVICING OR INTERNAL ADJUSTMENT BECOMES NECESSARY, ALWAYS ENTRUST THIS TO A SUITABLY QUALIFIED SERVICE ENGINEER.

**If in doubt ask your dealer or service centre for assistance.**

WARNING: **To prevent shock or fire hazard, *DO NOT* expose this equipment to moisture or rain. If such exposure occurs, remove the plug from the power point and have the unit checked by a qualified service engineer.**

Aerials

Normally an outside aerial will provide better results than an internally mounted or `set-top' aerial, although these may prove satisfactory in good signal areas. It is important that the aerial is correctly aligned to obtain the best possible reception. Poor aerial installation can produce poor quality reception. For outside aerials a good quality UHF aerial with a co-axial cable down-lead of 75 ohms impedance is recommended. Your dealer will advise you on the most suitable aerial to use in your local area.

Remote Control Hand Unit Batteries

The full-feature remote control hand unit is operated by two AAA type 1.5 volt batteries. Unsatisfactory operation may indicate the need for new batteries. To install new batteries, remove the battery cover on the under side of the hand unit. Locate the batteries in the compartment according to the diagram inside.
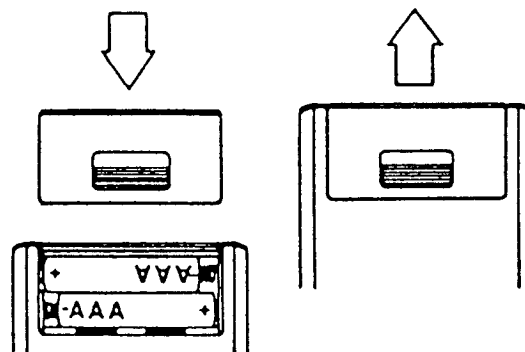
Fig.1. Battery Compartment

To replace the battery cover, refit in its slot and slide forward until it clicks.

Always replace both batteries at the same time.

NOTE: Alkaline batteries are recommended.

Never leave discharged batteries in the Hand Unit.

Fitting Protective Rubber Footpads

For all portable televisions, and for table models if you do not intend to use a stand, you are advised to fit the self-adhesive pads supplied to prevent scratching the surface upon which your TV is placed. *The pads are to be found in the document package.* To allow easy access, place the TV on its end, using suitable protection to avoid cabinet damage. Fit the pads into the recesses in the cabinet base or foot mouldings as appropriate.
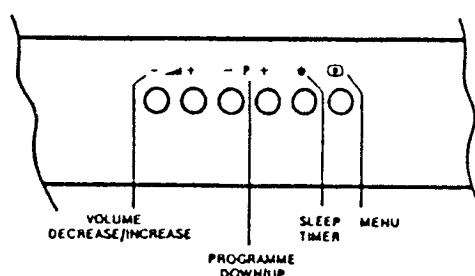
3.0 LOCAL CONTROLS

Fig.2. Local Controls

The local controls comprise 6 keys which have a range of functions according to the sequence in which they are operated. To guide you through these sequences and key functions, the television OSD shows each mode and its key functions as a `menu' of 6 symbols arranged along the bottom of the screen. These symbols are displayed in corresponding positions on-screen to the keys on the local controls panel. When using the local controls, therefore, it is necessary to take note of any on-screen information to ensure correct operation of the television.

When no menu is displayed the local controls perform the following functions; Volume decrease ◀ -, Volume increase ◀ +, Programme down **P-**, Programme up **P+**, Sleep Timer ⏻ , and Menu display ▣ . See Fig.2.

◀ +/- Volume controls

The volume can be adjusted using the ◀ -/+ keys. When either key is pressed a bar graph display appears at the top of the screen to confirm the adjustment is taking place as required.

P+/- Programme selection

The programme being watched can be changed to the next sequential number using the **P** -/+ keys. The programme number is displayed in the top right corner of the screen to confirm the programme being viewed.

⏻ Sleep Timer

The Sleep Timer allows you to switch your television into standby automatically after a set period of time. When the Sleep Timer function is selected the OSD shows a range of times selectable from the local control keys. Choose a time by pressing the local control key corresponding to the required time displayed on the OSD. During the last minute of the sleep timer count-down the remaining time (in seconds) is displayed on-screen as a reminder should you wish to continue

⊡   Menu

This key selects the advanced menu options. The remote control allows selection of most of the major functions directly. However, in the absence of the remote control unit the local controls can be used, in conjunction with the OSD, to indirectly access all of the functions of the TV. The use of the ⊙ key and its associated menus is explained in the following sections.

4.0   REMOTE CONTROLS

0-9 Number Keys   Select the required programme by pressing the appropriate number key(s).

-/–   If the required programme has a two digit number, press -/– followed by the two digits.

P- Programme Down   To quickly scan through the programme range press either **P-/+** Programme Down/Programme Up. Unused programm numbers will be skipped.

P+ Programme Up

Volume -/+   These keys adjust the volume down or up to suit your requirements.

Mute   Pressing the ⊠ key reduces the sound to a very low level. Press ⊠ again or ◀ -/+ to restore sound.

Brightness -/+
Colour
Saturation -/+
Contrast -/+   Adjustment of Brightness, Colour, Saturation and Contrast can be made by pressing the appropriate - **or** + key as required. For correct adjustment procedure see 'Picture Controls' section 5.4.

Normalize   The normalize key can be used to reset the levels of Brightness, Colour and Contrast to the factory preset levels.

Status   A check on the current status of your TV can be made by pressing ⊡ . The display always shows programme number and AFC status. If they are active it also shows the following: mute condition, local keys lockout, alarm set on and minutes remaining on sleep timer.

Sleep Timer   Press the ⏻ key, followed by a digit key to select the delay time; **1** = 10 minutes, **2** = 20 minutes etc. up to **0** = 99 minutes.

Alarm   Press the ♣ key to display the current and alarm time. Press again while the display is on screen to switch the alarm on or off *(display changes to yellow for alarm off, red for alarm on).* To cancel display of current and alarm times, press the ⊙ key.

Time   The current time may be displayed on its own by pressing the ⊙ key. The display may be cancelled by operating the ⊙ key once again.

Standby   This facility allows the Remote Control to switch the television into a reduced power mode, giving no sound or picture, but maintaining the internal clock and clock timer settings. A red LED will light on the TV facia panel to indicate the Standby facility is active. Press the ⏻ key or any programme key(s) on the remote control to resume normal viewing.

IMPORTANT: If the television is to be left unused for long periods of time, it is recommended it be switched off using the On/Off switch on the facia control panel.

5.0   SETTING UP THE TELEVISION

You will first need to allocate programme numbers (in the range 1-64) to the television channels available in your area and to any ancillary equipment you wish to use, *e.g.* VCR's, satellite receivers, computer games, home computers etc. This is achieved initially by using the TV's local controls.

5.1 For Use With VCR's

The signal produced by a VCR is often less stable than that from a broadcast signal, particularly with regularly used video tapes. Special provision has been made on your new TV to reduce the picture jitter this can cause. To take advantage of this feature, always store the video recorder channel to a programme number ending in `9'.

Certain `**test**' signals from external equipment such as satellite receivers and VCR's will not be identified by the `**auto-tune**' system. If this happens, first use the `**manual tune**' function section 5.3 steps **a** to **d** to locate and approximately tune the signal. When the test signal has been found, switch it off and adjust the external equipment to give a normal picture. With this picture the TV may now be tuned more accurately: follow `Manual Tuning' section 5.3 steps **d** to **i**.

5.2 Auto Tune

The simplest method of tuning your TV is to use the Auto Tune facility as follows;

a.   With the TV switched on, press the ⊡ key on the local controls panel.

b.   Press the **P+** key on the local controls panel. *Note: In this mode the **P+** key selects Autosearch as shown by the ⊡ symbol at the bottom of the screen.*

c.   The OSD changes to show the tuning options. The top line of the OSD shows a tuning bar which gives visual confirmation when tuning is taking place. Also displayed at the top right of the screen is an indicator showing the last used tuning direction.

d.   Press either the **-** or **+** key to start the automatic search tune. When a television channel is detected the scan will stop automatically and the tuning direction indicator will change colour from yellow to red.

e.   When the required picture is displayed the tuning information may be stored against a programme number for later recall. Press the ◇ key to select the memory options. The display will change to show the memory option menu.

f.   At this point you may disable the Automatic Frequency Control (⊞) if required. (See Manual Tune section 5.3). In most cases this is not necessary, and is therefore inadvisable since the AFC ensures that the television will continue to receive a signal even if that signal drifts in frequency for any reason.

g.   Enter the programme number you wish to store this channel to by pressing the **P-** or **P+** key as indicated on the screen *(Note: these are different keys to those used in normal operation)*, and observe the programme number changing in the top right corner of the display.

h.   When the programme number required has been selected press the ◇ key again to memorize all of the tuning information against this programme number.

i. Repeat steps **d** to **h** to store and memorize further channels. The tuning process will continue from the previously tuned channel, therefore the easiest method of tuning is to select one tuning direction and maintain this direction for each tuning operation. If the television reaches the band limit during search tuning, it will automatically re-start tuning at the opposite end of the band and continue tuning until a channel is detected.

j. After the necessary channels have been stored in memory press the **X** key twice to return to normal operation. The stored channels can now be selected using the **P-/+** keys or the **0 - 9** digit keys.

If the channels in your area are very closely spaced in the band it may be necessary to use the manual tuning feature of the television. This allows you to select the best picture from two immediately adjacent channels, or (if you are in a marginal reception area) a weaker signal.

5.3 Manual Tuning

Manual tuning is acheived in much the same way as Auto Tuning;

a. With the TV switched on, press the ⊙ key on the local controls panel.

b. Press the **P-** key on the local controls panel. *Note: In this mode the key selects Manual tuning as shown by the* ⌐⅃ *symbol at the bottom of the screen.*

c. The on screen display changes again to show the tuning options. The top line of the OSD shows a tuning bar which gives visual confirmation when tuning is taking place. Also displayed at the top of the screen is an indicator showing the last used tuning direction.

d. Press either the **-** or **+** key to start tuning. Continuous depression of the **-** or **+** key will progressively increase the speed of tuning and tuning will continue until the key is released. When a television signal is found release the key. After a few seconds delay the TV should, if (AFC) is enabled, automatically tune to the signal. *Note: In the case of signals from equipment such as satellite receivers or VCR's, there may be two tuning points. From a position between the two, the correct one is reached using the tuning `+' key.*

e. Check AFC by pressing the ◇ key. The OSD will show ⊞ (AFC on) or ⊞ **X** (AFC off). AFC can be toggled on/off using the key corresponding to ⊞ . Initially, perform these adjustments with AFC on. Press the `**X**' key to return to the manual tuning menu.

f. Repeat step **d** if necessary. If the results are satisfactory, proceed to step **g**. In some difficult reception conditions it may be possible to obtain better results if the television is manually tuned without AFC. Follow the procedure in step **e** to switch AFC off. With the manual tune menu displayed, fine tune the television with the **-** and **+** keys to optimize the received picture and sound. *Note: when `fine tuning' in this way it is more effective to press the tuning keys briefly and then release them. When the tuning indicator changes to red, the TV automatically selects slow or medium tuning speed for easier adjustment.*

g. When the required picture is displayed, the tuning information may be stored against a programme number for later recall. Press the ◇ key to select the memory options. The display will change to show the memory option menu.

h. Enter the programme number you wish to store and memorize this channel to by pressing the **P-** or **P+** keys as indicated on the screen *(Note: these are different keys to those used in normal operation)* and observe the programme number changing in the top right corner of the display.

i.   When the chosen programme number has been selected press the ◇ key again to memorize all of the tuning information against this programme number.

j.   Repeat steps **d** to **i** to store further channels. The tuning process will continue from the previously tuned channel, therefore, the easiest method of tuning is to select one tuning direction and maintain this direction for each tuning operation. If the television reaches the band limit during manual tuning, it will automatically re-start tuning at the opposite end of the band and continue tuning until the key is released (as before). *Note: If AFC is being used for all channels, step e needs only to be performed once.*

k.   After the necessary channels have been stored in memory press the **X** key twice to return to normal operation. The stored channels can now be selected using the **P-/+** keys or the **0 - 9** digit keys.

5.4 Picture Controls

The **Contrast, Brightness**, and **Colour Saturation** controls are factory set to the correct levels to give a balanced picture. If these settings are not suitable for your viewing conditions, they may be adjusted using the appropriate Remote Control keys as follows:
Adjust the **brightness control** so that the parts of the picture which should be black are just black. The **contrast control** may be used to set the bright parts of the picture to suit viewing conditions and personal preference. Adjust the **colour saturation control** to give a natural amount of colour in the picture.

These controls may also be adjusted from the Local Controls by selecting the on-screen menu, and pressing the picture control key denoted by the ☐ symbol on the OSD. Now select the appropriate control to adjust: the bargraph display will appear at the top of the screen and the -/+ keys may be used to adjust the control to the required level.

After adjustment the new control setting is automatically stored for recall whenever the TV is used.

If you wish to return the picture control settings to the factory-set levels, select the on-screen menu and press the ✳ (Normalize) key.

6.0   OTHER FACILITIES

6.1 Programme Skip

The **P-/+** keys select the next *stored* channel. For instance; if channels are stored on programme numbers 1-4 only, when **P+** is selected whilst viewing programme 4 then programme 1 will be selected, i.e. programmes 5-64 will be skipped. If a channel previously stored against a programme number is no longer required, follow the manual tuning procedure and set the tuning indicator to the far left position before storing the tuning information. Thereafter this programme will be skipped when the **P-/+** keys are used.

6.2 Clock and Alarm Timer

Your TV includes a `Clock' and an `Alarm' timer. The `alarm' timer can be used to switch the television `on' from `Standby' at a preset time for you to watch a particular programme.

To set the alarm timer and clock select the on-screen menu and press the timer key denoted by the ⊘ symbol. The display shows the alarm time on the left and the clock time on the right. *Note: The clock can be used on its own but the alarm timer must be used in conjunction with the clock.*

Use the appropriate Local Control keys to adjust the hours and minutes for the clock time and the alarm time if required. The alarm is activated by pressing the ▲ key until the bell next to the time changes to red. The clock automatically runs all the time the TV is switched on or in Standby mode.

After setting the clocks, press the **X** key to return to your picture. The current clock time will be displayed on-screen. If this is not required, re-enter the `timer menu' and press the **X** key again, or press ☉ on the hand unit.

The alarm timer will be monitored and, if the TV is placed into standby mode, will automatically switch `on' at the time set. *Note: after automatic switch on the sleep timer is set for 10 minutes.* This is a safety feature to ensure that should you forget the alarm and the TV switches on when unattended, it does not remain on indefinitely. Therefore, after auto switch-on, you must press the Local or Remote Control ☽ key, within 10 minutes, to continue viewing.

If the alarm time occurs while the TV is in normal operation the bell will be displayed on-screen. The alarm feature can therefore also be used as a reminder that a particular time has been reached.

NOTE: When the TV is switched off using the on/off switch on the front panel, or at the mains socket, the alarm timer is cancelled because the current clock time is not maintained when the mains supply is disconnected. This again is a safety feature to avoid the television being switched on at times other than those intended. The alarm time is memorized but is not activated until the clock time has been set again.

6.3 Maximum Volume Limit

Your TV includes a maximum volume limit which can be preset to your preference. This is used where a too high volume setting may disturb occupants in adjoining rooms, flats or apartments. To use this feature, select the volume required using the TV Local Controls (not the hand unit). Whilst the bargraph is displayed on the screen press the ⊠ key on the hand unit. The volume displayed becomes the maximum volume setting and is stored in memory. Any further adjustment of the volume control cannot exceed this level. To remove the maximum limit press one of the local volume controls and, whilst the bargraph is displayed, press the -/— key on the hand unit.

6.4 Child Lock

To prevent accidental adjustment of the TV settings from the local controls the keys can be disabled as follows:

1.   Switch the TV off (TV front panel On/Off switch).
2.   Press and hold the **P+** key (Local control panel).
3.   Switch the TV on (TV front panel On/Off switch).
4.   Release **P+** key.

Your TV now can only be operated from the hand unit. To cancel this facility switch the TV off (TV front panel On/Off switch) and repeat steps 2 to 4.

6.5 Automatic Standby Switching

If there has been no transmitted signal detected by the television and no control keys pressed during a 30 minute period, the TV will automatically switch to Standby mode. Your TV can be returned to normal using the ☉ key or **0 - 9** keys or -/— followed by two digits on the hand unit. **P-/+** on the local control panel may also be used.

7.0   CARE OF YOUR TELEVISION

Cleaning Your Television

After switching the TV off and removing the plug from the power point, the cabinet may be cleaned with a soft, clean cloth, lightly moistened if necessary with luke warm water.

The screen may be cleaned using a cloth slightly moistened with water. Wring the cloth almost dry and wipe the screen. Dry the screen with a soft dry cloth. Do not replace the plug until the screen and cabinet are completely dry.

8.0   HELPFUL HINTS

The following is a list of some of the problems which can be caused by incorrect setting up of the television and can be corrected by you, the user. If any of them persist, consult you dealer or local qualified TV engineer.

Problem	Possible solution
TV drifts off tune:	AFC disabled. See **5.3** Manual Tuning section.
No colour:	Colour control set to minimum. See **5.4** Picture Controls section
Poor picture from VCR/satellite:	Wrong tuning point. See **5.3** item **d** Manual Tuning section.
Local controls do not work:	Child Lock set. See **6.4** Child Lock section.
Maximum volume not loud enough:	Volume limit set. See **6.3** Maximum Volume Limit section.
P-/+ skips programmes:	No channel stored. See **6.1** Programme Skip section.
Picture jitter from VCR:	Use programme number ending with a 9. See **5.1** For Use With VCR's section.