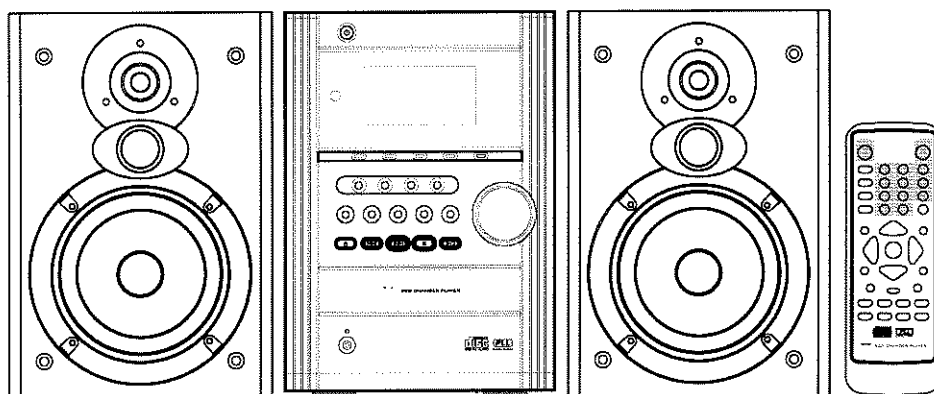# Goodmans

Micro1531
INSTRUCTION MANUAL

**Before operating this unit,
please read this Owners manual carefully.**

GOODMANS Product Information Helpline : 0870 873 0080

CONNECTING TO MAINS SUPPLY

This appliance may be fitted with a non-rewireable plug. If it is necessary to change the fuse in a non-rewireable plug the fuse cover must be refitted. If the fuse cover is lost or damaged, the plug must not be used until a replacement available from the appliance manufacturer is obtained. It is important that the colour of the replacement fuse cover corresponds with the colour marking on the base of the plug.

If the plug has to be changed because it is not suitable for your socket, or becomes damaged, it should be cut off and an appropriate plug fitted following the wiring instructions below. The plug removed must be disposed of safely as insertion into a 13A socket is likely to cause an electrical hazard.

For your own safety read the following instructions carefully before attempting to connect this unit to the mains.
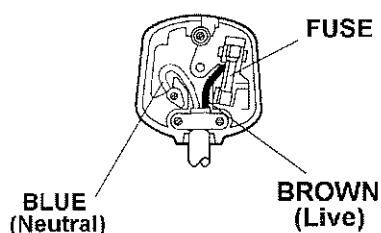
MAINS (AC) OPERATION

This unit is designed to operate on 230 V, 50 Hz current only. Connecting it to other power sources may damage the unit

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

BLUE = NEUTRAL BROWN = LIVE

IMPORTANT

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

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

No connection is to be made to the earth terminal of the plug.

If a 13 Amp (BS 1363) Plug is used, a 3 Amp Fuse must be fitted, or if any other type of Plug , or on the Distribution Board.

Plug is used a 3 Amp Fuse must be fitted, either in the

CAUTION

To prevent electric shock disconnect from the mains before removing cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

SAFETY PRECAUTION

Do not allow this unit to be exposed to rain or moisture.

Mains Supply: 230 Volts 50 Hz - AC only.

This symbol means that this unit is double insulated. An earth connection is not required.

CAUTION

CLASS 1 LASER PRODUCT

Use of Controls or adjustments or performance of procedures other than those specified herein may result hazerdous radiation expisure.

- 1 -

Goodmans Product Information Helpline 0870 873 0080

LASERSAFETY

This unit employs a laser, only quality service personnel should attempt repair.

DANGER: INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK FAILED OR DEFEATED AVDIO DIRECT EXPOSURE TO BEAM.

CAUTION: HAZARDOUS LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED.

CAUTION

CLEANING: Always disconnect unit from mains supply before attempting to clean it. Use soft cloth moistened with soapy water, wipe gently. Do not use solvents or abrasive materials.

MAINTENANCE AND CARE

Electronic products of this kind should never be subjected to extreme temperatures or high humidity. For instance, this set should not be placed in bathing areas or around stoves and radiators.

If necessary, clean the unit with a piece of cloth dampened with water only (Be sure the AC Power Cord is disconnected from the Mains). Never use a polish or a strong detergent as this will damage the finish of the cabinet.

This equipment has been designed and manufactured to meet the highest international standards, but, like any electrical apparatus which is operated at mains voltage, care must be taken if you are to obtain the best results and safety is to be assured. This is particularly important with audio equipment.

DO. . .   Read the operating instructions before you attempt to use the equipment.

DO. . .   Ensure that all electrical connections (including the mains plug, extension leads and interconnections between pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Check that the mains fuse rating is correct.

DO. . .   Always consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment. He is the best person to advise you.

DON'T. . .   Obstruct the necessary all-round ventilation - especially DON'T stand the set close to curtains or on soft furnishing such as carpets. Overheating can cause unnecessary damage and shorten the life of the set.

Remember that to obtain the best performance and lasting satisfaction from your equipment, have it regularly maintained by a reliable service organization. Ensure that it is correctly used by all the family.

ABOVE ALL. . .

Never let children push anything into holes or slots in the case - this could result in an electric shock;

Never guess or take chances with electrical equipment of any kind - it is better to be safe than sorry!

TABLE OF CONTENTS

Save the carton and packing material for future transportation of the unit or in the unlikely event that the unit needs to be returned for service.

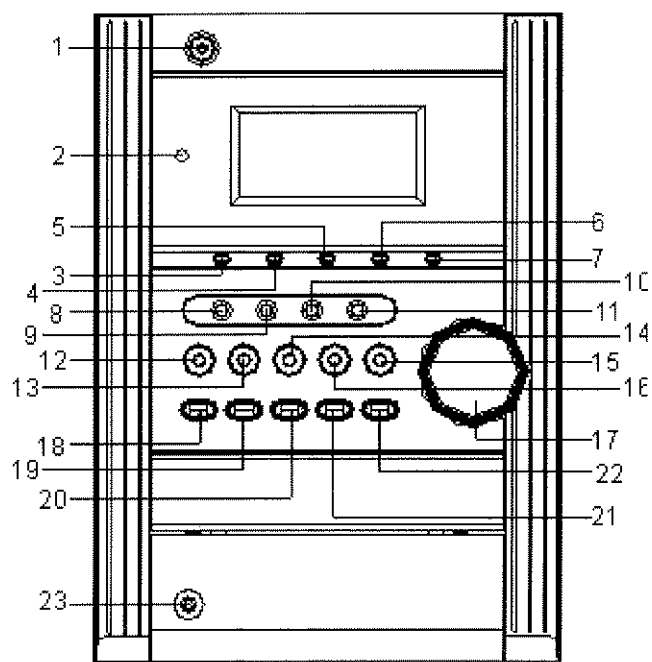Pack contents:

1 x main unit

2 x speaker

1 x remote control

1 x instruction manual

1 x warranty card

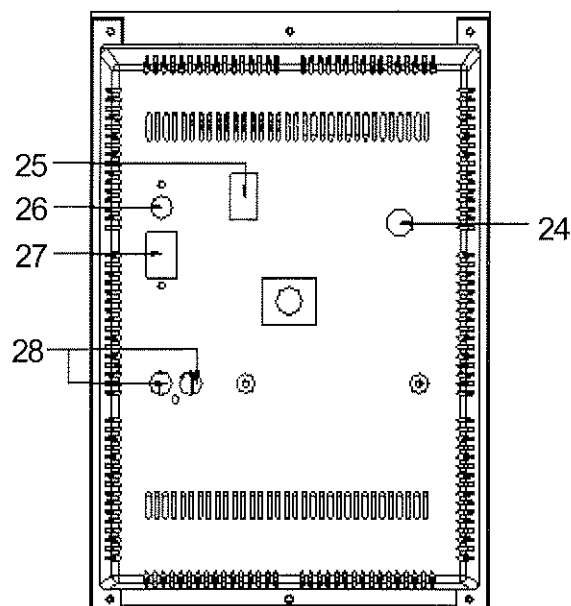Goodmans Product Information Helpline 0870 873 0080

LOCATION OF CONTROLS

1. Power Button
2. Remote Sensor
3. Program Button
4. Repeat/Up Button
5. Random/Down Button
6. Intro Button
7. Preset Equaliser Button (P.EQ)
8. CD Button
9. Tuner Button
10. Tape Button
11. Band Button
12. Disc 1Button
13. Disc 2 Button
14. Disc 3 Button
15. Disc 5 Button
16. Disc 4 Button
17. Volume Control
18. Open/Close Button
19. Skip/Search Down Button
20. Skip/Search Up Button
21. Stop Button
22. Play/Pause Button
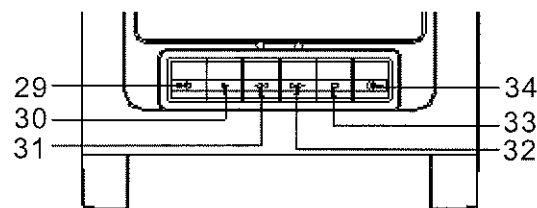23. Headphones Socket

Rear of Unit
24. AC Power Cord
25. Power Switch
26. FM Aerial Socket
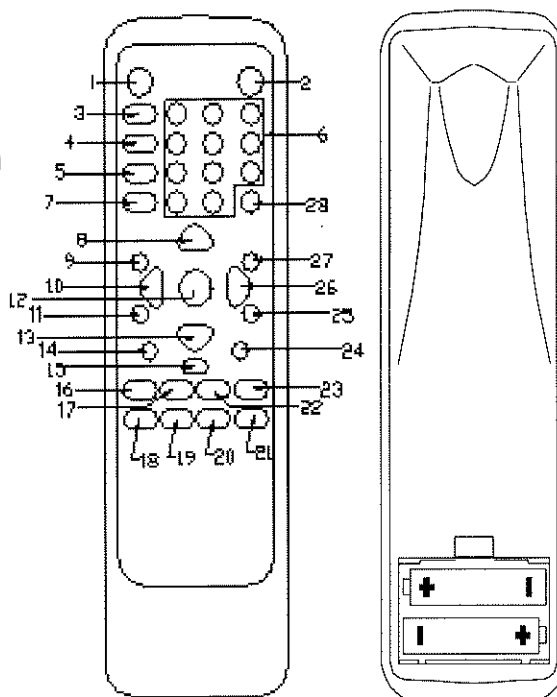27. AM Aerial Socket
28. Speaker Terminals

Cassette Deck
29. Record Key
30. Play Key
31. Rewind Key
32. Fast Forward Key
33. Stop Key
34. Pause Key

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REMOTE CONTROL

1. POWER Button
2. OPEN Button
3. TIMER Button
4. SLEEP Button
5. BASS Button
6. NUMBER Buttton
7. EQ Button
8. VOL+ Button
9. ST/MONO Button
10. PREV. Button
11. DISC1 Button
12. PLAY/PAUSE Button
13. VOL- Button
14. DISC2 Button
15. DISC3 Button
16. PROG/MEMORY Button
17. REPEAT/MEM-UP Button

18. CD Button
19. TUNER Button
20. TAPE Button
21. BAND Button
22. RANDOM/MEM-DN Button
23. INTRO Button
24. DISC4 Button
25. DISC5 Button
26. NEXT Button
27. STOP Button
28. MUTE Button

INSTALLATION BATTERY

Insert 2 Ever Ready Silver Seal R03S (AAA or equivalent) size batteries into the battery compartment of the remote controller and replace the cover.

BATTERY REPLACEMENT

When the batteries become too weak, the operating distance of the remote controller is greatly reduced and you will need to replace the batteries.
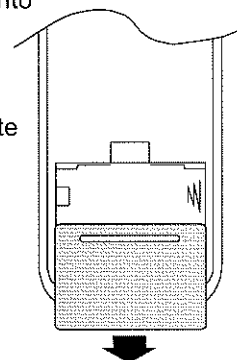
Open the battery compartment cover, use a screwdriver or other tool to push out the battery (follow the exit direction in pushing out). Push in the new battery in the opposite direction (the +polarity is uppermost). Put the cover back and secure.

Note:

To maintain the accuracy and long life of the transmitter, do not press two or more buttons simultaneously.

If the remote control is not used for a long time, remove the batteries to prevent possible damage through leaking batteries.

Do not mix different types of batteries, or old batteries with new ones.

USING THE REMOTE CONTROLLER CORRECTLY

Point the remote controller at the Remote Sensor.

The functions of the buttons on the remote control are the same as the corresponding controls on the main unit.

When there is a strong ambient light source, the performance of the Infrared Remote Sensor may be degraded, causing unreliable operation.

The maximum effective distance for remote control operation is about 5 metres (16.5 feet).

PREPARATION FOR USE

Carefully remove the unit from the box, retaining the packaging for future use.

Read these instructions carefully before use.

SPEAKER CONNECTIONS

Connect each speaker to the corresponding speaker terminals on the back of the system.

Ensure that the left speaker is connected to the left connector, and the right speaker to the right connector.

HEADPHONE

This unit will accept stereo headphones (not included) with a 3.5mm plug and impedance of 8 ohms or greater.

The speakers are automatically disconnected when headphones are connected to the HEADPHONE SOCKET.

ANTENNAS

For FM reception a one-metre FM Aerial wire is provided for connection at the rear of the unit.

Unravel the wire and move it around to obtain the best reception.

For MW reception use the MW-Loop Aerial. Connect it to the MW ANT. socket on the rear of the unit.

LISTENING TO THE RADIO

OPERATION

○ Press the POWER Button to turn the unit on

○ Press the TUNER Button.

○ Select the required band using the BAND Button (FM/MW).

○ Tune to a station using the TUNING UP▶ or TUNING Down◀ Buttons or press and hold either button for more than 2 seconds to seek the next receivable station up or down the band.

○ Adjust the VOLUME to the desired level using the VOLUME Control.

○ To turn the radio off, press the POWER Button or select another function (CD/TAPE).

STORING PRESET STATIONS

○ Tune to the required station.

○ Press PROG/MEMORY Button.

○ "CH".will flash and "01" will show in the display.

○ Press PROG/MEMORY Button, "CH" will stop flashing the station is stored in memory location "01".

○ To select an alternative preset location (1-20), press REPEAT/M.UP or RANDOM/ M.DOWN Button.

○ Press PROG/MEMORY Button to store the station in the selected location.

○ Follow the above steps and programme all other stations as required.

○ Up to 20 FM and 20 MW stations can be programmed.

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Handling Compact Discs

To remove a disc from its storage case, press down on the centre of the case and lift the disc out, holding it carefully by the edges.

Fingerprints and dust should be carefully wiped off the disc's recorded surface with a soft cloth. Unlike conventional records, compact discs have no grooves to collect dust and microscopic debris so gently wiping with a soft cloth should remove most particles. Wipe in a straight line from the inside to the outside of the disc. Small dust particles and light stains will have absolutely no effect on reproduction quality.

Never use chemicals such as record sprays, antistatic sprays, benzine, or thinners to clean compact discs. These chemicals can irreparably damage the disc's surface.Discs should be returned to their cases after use. This avoids serious scratches that could cause the Laser pickup to skip.

Do not expose discs to direct sunlight, high humidity, or high temperatures for extended periods. Long exposure to high temperatures can warp the disc.

Loading Discs

LOADING AND UNLOADING COMPACT DISCS

- O Press the CD button.
- O Press the CD Open/Close Button to open the disc compartment.
- O Once the CD Drawer has opened, remove a disc from its case and place it carefully in one of the trays in the compartment with the label side facing up. Smaller 3" discs, may also be used with this CD player.
- O To load CD Discs into the remaining 4 trays, slide the loaded tray towards the unit and load the disc with label side uppermost into the next empty tray.

  Very important - only one disc must be loaded in each tray otherwise serious damage to the mechanism may result.
- O To close the CD drawer press the OPEN Button, never close the draw by pushing by hand as unit malfunction may occur.
- O The disc compartment may be opened at any time even during disc play by pressing the OPEN Button.
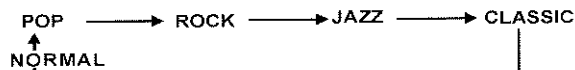
CAUTION

- O Do not put anything except a compact disc into the compartment. Foreign objects can damage the mechanism.
- O Do not force the compartment by hand during the opening and closing operations.
- O Keep the disc compartment closed when not in use to prevent dirt an dust from entering the mechanism.

PRESET EQUALISER

This unit is equipped with a preset equaliser to enhance the frequency response of the music to give it a different feel. Press the P. EQ Button repeatedly to cycle through the following equalization modes.

POP ⟶ ROCK ⟶ JAZZ ⟶ CLASSIC

NORMAL

○ Press and hold the P.EQ Button for 3 Seconds.

○ "Bass 0" shown in the display.

○ Adjust the setting to the desired Bass level using the volume control Knob.

○ Press and hold the P.EQ Button for 3 seconds.

○ "Tre 0" shown in the display.

○ Adjust the setting to the desired for level using the volume control knob.

PLAYING DISC

○ Press the OPEN/CLOSE Button to open the disc compartment, and load a CD Disc.

○ Close the disc compartment, the unit will search for the first tray containing a CD and the display will show the total playing time of the CD.

○ Press DISC Button 2 - 5 to select an alternative disc.

○ Press the Play/Pause Button, disc playback will begin from the start of the first track.

   A particular track can be selected by using the Skip UP▶▶ & Skip Down◀◀ Buttons. If this is done before pressing the Play/Pause Button, disc play will start with the selected track when the Play/Pause Button is pressed.

○ At the end of the disc the unit will revert to stop mode.

Notes: *If a disc is deeply scratched, or too dirty, disc playback may not start.*
   If an improperly centred disc is played, noise will be heard in the mechanism. The use of such discs should be avoided.

IMPORTANT INFORMATION

This compact disc player has built-in error compensation circuits to correct for minor defects in a disc. There are limits, however, to the amount of correction available. In some cases, the CD player may skip some tracks on a disc during playback. This problem may be caused by defects (such as scratches) in the disc being played. which are too large for the error compensation circuits to handle. If you encounter this problem, check the CD player's operation as follows, before having the unit serviced.

Play a different disc. If the CD player operates normally, the skipping problem is probably due to a defective disc.

TO STOP PLAYBACK

○ Press the Stop Button. Disc play will stop. the Play indicator will disappear, the display will show the total number of tracks and the total playing time of the CD.

○ To temporarily stop playback (pause mode) ,press the Play/Pause Button. Playback will pause at the current play position.

○ To resume playback, press the Play/Pause Button again. The Play indicator will appear in the display.

TRACK SKIP

TO SKIP TO THE NEXT TRACK ON A DISC

○ For example, to skip ahead to the beginning of track 5 whilst track 4 is playing.

○ Press Skip Up▶▶I Button once. Playback will resume at the beginning of track 5.

The CD player will skip ahead to the next track each time the Skip Up Button is used. Once the beginning of the last track is reached the CD player will not advance any further.

TO SKIP BACK TO THE PREVIOUS TRACK ON A DISC

○ For example to skip back to the beginning of track 3 whilst track 4 is playing.

○ Press the Skip Down Button twice . Playback will resume at the beginning of track 3.The CD player will skip back one track each time the Skip Down is pressed. If it is pressed once in the middle of a track, the CD player will skip back to the beginning of that track.

Once the beginning of the disc is reached, the CD player will not go back any further.

Notes: *The Skip Up & Down can be used to select a desired track to play from before playback starts. The number of the selected track will be shown in the display until the PlayPause Button is pressed.*

DISC SELECTION

Press the Direct Access Buttons (Disc 1 to Disc 5) on the front of the unit.

RANDOM PLAY

Note: Random playback is only possible on the current selected disc, not all discs.

○ Press the Random Button on the remote, the Random indicator will appear in the display, the player will Now select a track from the selected disc at random and play that track.

○ At the end of that track another track is chosen at random and played.

○ This continues until all the tracks have been played on the current disc. The unit will then revert to the stop mode.

INTRO PLAY

At the beginning of disc playback, press INTRO Button. Then the unit will automatically play the first ten seconds of each track on the disc.

To cancel intro, press the INTRO Button again.

REPEAT FUNCTION

If the REPEAT Button is pressed during normal or programmed playback the following repeat functions are shown in sequence in the Display.

REPEAT ALL DISC	Repeats All the tracks on All the Discs.
REPEAT ONE DISC	Repeats all the tracks on the Current disc.
REPEAT ONE	Repeats the current track on the Current disc.

To cancel a repeat mode, keep pressing the REPEAT Button until the REPEAT indicator disappears from the display.

PROGRAMMED PLAYBACK

It is not possible the enter programs during playback. Press the STOP Button first.

Then follow the instructions below.

ENTERING A PROGRAM

1. Press the PROGRAM/MEMORY Button, the CD Display will display MEMORY and 00 P-01.

2. Select the disc that the first track is on using the Disc Select Buttons.

3. Select the desired track using the skip buttons, the display will show Program edit and 01 P-02.

4. Press the PROGRAM Button again, the selected disc and track number will then be stored in memory. The CD Display will change to Program edit and 00 P-02.

5. Repeat steps 2-4 to enter additional tracks. You can store upto 32 tracks in memory.

Notes: *If the PLAY/PAUSE Button is pressed before the PROGRAM Button is pressed to store a track, the track will not be programmed, and the disc will start playing from the first selected track.*
Any track can be programmed to play more than once.
If the STOP Button is pressed during PROGRAM mode, the entire program will be erased from memory.

LISTENING TO PROGRAMMED TRACKS

Program your selection of tracks by following the procedure shown above.

Press the PLAY/PAUSE Button.

Disc play will start at the beginning of the first programmed track.

TO CLEAR THE PROGRAM MEMORY

If the disc is playing, press the STOP Button.

Press the STOP Button again. The program will then be erased from memory.

The program memory will also be cancelled if the Function is changed to another function, or if the power is switched off.

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Using The Tape Deck

INSERTION AND REMOVAL OF CASSETTES

○ Press the Stop/Eject Button to open the Cassette Door.

○ Insert a cassette tape into the cassette door with the exposed section of tape towards the front and the playback side uppermost.

○ Gently push the Cassette Door to close it.

○ When finished, press the Stop/Eject Key to open the Cassette Door, and remove the cassette tape.

PLAYING A TAPE

○ Press the TAPE Function Selector Button.

○ Insert a prerecorded tape with the full spool to the left.

○ Press the Play Key to start playback tape.

○ Use the Pause Key suspend playback.

○ Press the Stop/Eject Key when finished.

○ If the end of the tape is reached before the stop key is pressed, the tape deck stops automatically.

Please note: It will not stop automatically if using the fast forward or rewind functions.

RECORDING FROM RADIO

○ Recording from radio.

○ Press the POWER Button to turn the unit on select the Tuner function by pressing The Tuner button, press band button to select MW or FM, Tune in to the required station and load a blank cassette tape (full spool on the left).

○ Press the Record button and the play button at the same time to start recording, press the Stop/Eject button when finished.

RECORDING FROM CD

○ Press the POWER button to turn the unit on and select the CD function by pressing the CD button and insert a disc. Insert a blank tape (full spool to the left).

○ Press the Record button and the play button at the same time.

○ Press the CD PLAY/PAUSE Button.

○ To stop recording press the stop button of the CD player.

○ Press the Stop/Eject Button of the cassette deck.

OTHER FEATURES

SETTING THE CLOCK

O   Press and hold the PROG/MEMORY Button for more than 3 seconds and the
    <HOUR> digit will flash, use Skip Up/Skip Down to select the required hour.

O   After the hour is set, press PROGRAM Button again and the <MINUTE> digits will
    flash, use Skip Up/Skip Down to select minutes.

O   Press PROGRAM Button again to finish the clock setting.

USE OF THE TIMER

The timer can be used to switch the unit on or off at preset times and with any mode i.e.
Tape/CD or Radio. The ON and OFF time can be set in any mode by following the methods
listed below, however to switch the TIMER function On or OFF this MUST be done in the
CD mode.

To switch the TIMER function ON, select CD mode and press the TIMER Button on the
remote control, ⏰ will appear in the display. To cancel the TIMER function (unit must be in
CD mode), press the TIMER Button until ⏰ disappears from the display.

TIMER ON SETTING

O   Press TIMER Button, " ⏰ " will be displayed.

O   Press and hold TIMER Button until "tr-on" displayed.

O   Press PROGRAM Button and the <HOUR> digit starts to flash, use Skip Up/Skip
    Down to select the required hour.

O   After hour is set, press PROGRAM Button again and the <MINUTE> digits start to
    flash, use Skip Up/Skip Down to select minutes required.

TIMER OFF SETTING

O   Follow steps of "TIMER ON" above and set the off time.

O   Press PROG/MEMORY Button again to set the required time.

SLEEP

O   Press SLEEP button on the remote control. Display will show "90".

O   Keep pressing the SLEEP button and the time will decrease from 90,80,70 . . . 10.

O   Release the SLEEP button when the desired sleep time is displayed.

O   To check the remaining sleep time, press the SLEEP Button.

O   The unit will be turn off automatically when the selected time is reached.

Note: The minimum possible sleep time setting is 10 minutes.

COPYRIGHT NOTICE WARNING

Most records, compact discs, audio and videocassettes, radio and television broadcasts contain material, which is the subject of copyright. It is unlawful to record such material in any form whatsoever, whether on disc or tape, without the permission of the copyright owner concerned. Any person who makes a recording of such material without the consent of the copyright owner infringes copyright and may be liable, to pay substantial damages to the copyright owner, and in some cases to criminal prosecution.

CASSETTE CARE

Two common causes of problems experienced when using cassettes are:□

(a)   Tape jamming - Leading to uneven speed in playback, and

(b)   Tape tangling - Where the tape wraps itself around vital parts of the mechanism.

To reduce the likelihood of these problems occurring, the following precautions should be observed.

Check that there are no loose layers of tape visible through the cassette centre window (see Fig. 1). Take up any loose layers, using a pencil or hexagonal barrelled ballpoint pen, before inserting the cassette into the machine (see Fig. 2).
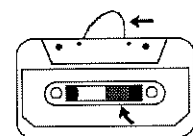
Fig.1

If the cassette feels "tight" while performing operation shown in Fig. 2, the tape may be jamming due to "ridges" formed in the winding of the tape (visible through the centre window). These may be removed, in most cases, by fast winding of the cassette from one end to the other and back again.
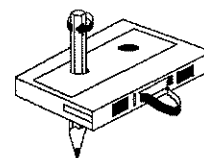
Use only well-known brands of tape.
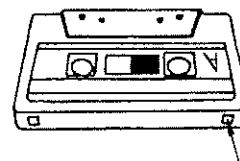
Fig.2

Avoid use of C-120 cassettes.

Do not expose cassettes to direct sunlight, dust or oil, and do not touch the tape surfaces.

HEAD CLEANING

The tape heads, pinch roller and capstan require periodic cleaning. This removes particles of the metal oxide coating that wear off the tape and accumulate on these parts and impair performance. Clean the tape heads, pinch roller and capstan with a special tape head cleaner. Avaliable from most HiFi shops.

PREVENTION AGAINST ACCIDENTAL ERASURE

To prevent a recording on a cassette tape being erased accidentally, break off the tab on the rear of the tape, as in the diagram. Now recording on this side is no longer possible. You can render this protection ineffective by covering the hole with a piece of adhesive tape.

TAB FOR SIDE A

IMPORTANT NOTES

Your hearing is very important to you and to us so please take care when operating this equipment. It is strongly recommended that you follow the listed guidelines in order to prevent possible damage or loss of hearing.

ESTABLISH A SAFE SOUND LEVEL

Over time your hearing will adapt to continous loud sounds and will give the impression that the volume has in fact been reduced. What seems normal to you may in fact be harmful. To guard against this **BEFORE YOUR HEARING ADAPTS** set the volume at a low level.

Slowly increase the level until you can hear comfortably and clearly and without distortion.

Damage to your hearing is accumulative and is irreversible.

Any ringing or discomfort in the ears indicates that the volume is too loud.

Remember listening for prolonged period of time at high volume levels will harm your hearing.

Once you have established a comfortable listening level, DO NOT INCREASE THE SOUND LEVEL FURTHER.

The following list of typical sound levels may assist you in recognising just how loud you have set the volume level.

DECIBEL

Level (dB)	Example
30dB	Quiet library, soft whisper.
40	Living room, fridge, freezer, bedroom away from traffic.
50	Normal conversation, quiet office, light traffic.
60	Electric sewing machine.
70	Vacuum cleaner, hair dryer, noisy restaurant.

THE FOLLOWING NOISE CAN BE HARMFUL UNDER CONSTANT EXPOSURE

80dB	Average city traffic, alarm clock buzzer at 2 feet, food mixer.
90dB	Motorcycle, heavy goods vehicle, petrol lawn mower.
100	Pneumatic drill, chain saw, garbage truck, discotheque / night-club.
120	Rock band concert, thunderclap, fast train passing by.

PERMANENT LOSS OF HEARING

140	**THRESHOLD OF PAIN** Gunshot 2 feet away, jet plane taking off.

TECHNICAL DATA

Dimensions (W x D x H) / Weight (kg)
Set: 225 x 150 x 230mm / 3.5kg
Speaker L/R: 195 x 130 x 230mm / 2kg x 2

Power Supply
Voltage: AC 230V ~ 50Hz

Power Consumption 70 watt

Tuner Section
FM: 87.5 MHz - 108 MHz
AM/MW: 530 - 1620 kHz

CD Player
Pick Up: 3-Beam, Semiconductor Laser
Encoding: 16-Bit Linear 2x Oversampling

Speaker
Front L/R: Woofer 4" + Tweeter 2" / 4W

Audio Power Output 2 x 10W RMS

Subject to technical alteration without notice.

Goodmans Product Information Helpline 0870 873 0080