

# Goodmans

## 1002 MICRO SYSTEM CD/PLL FM/MW RADIO



### INSTRUCTION MANUAL

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

INTRODUCTION

This instruction manual is important to you. Please read it. In a short time it shows exactly how to connect, operate, and adjust this unit for best performance. It can save you money. It shows simple things to do and check before you call for help and save the cost of unnecessary service or call out charge.

Table of contents.....1

Important Notes.....2

Important Safeguards..... 3-4

Location of Controls.....5-6

Display.....7

Remote Control.....8

Speaker Cord Connection.....9

Switching the unit on and off.....9

Setting the Clock/To Remove the Speaker Grilles.....10

Compact Discs.....11

Compact Disc Operation.....11

Operation/Remain Function.....13

Tuner Operation.....14

Timer Operation.....15

Connecting an External Audio Source.....16

Troubleshooting Guide.....17

Technical Specifications.....18

Save the carton and packing material; they will be useful if you ever have to transport the unit.

- Pack contents:
- 1 x main unit
  - 1 x remote control
  - 2 x loudspeakers
  - 1 x owner's manual

Please retain all packaging material for future transportation of the unit or in the unlikely event that the unit needs to be returned for service.

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 continuous 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. 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 recognizing just how loud you have set the volume level.

Decibel

- Level dB example
- 30dB quiet library, soft whisper.
  - 40dB Living room, fridge freezer bedroom away from traffic.
  - 50dB normal conversation, quiet office, light traffic.
  - 60dB Electric sewing machine.
  - 70dB 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.
- 100dB Pneumatic drill, chain saw, garbage truck, discotec/night-club.
- 120dB Rock band concert, thunderclap .

Permanent loss of hearing

- 140dB Threshold of pain gunshot 2 feet away.
- 180dB Rocket launching pad.

IMPORTANT SAFEGUARDS

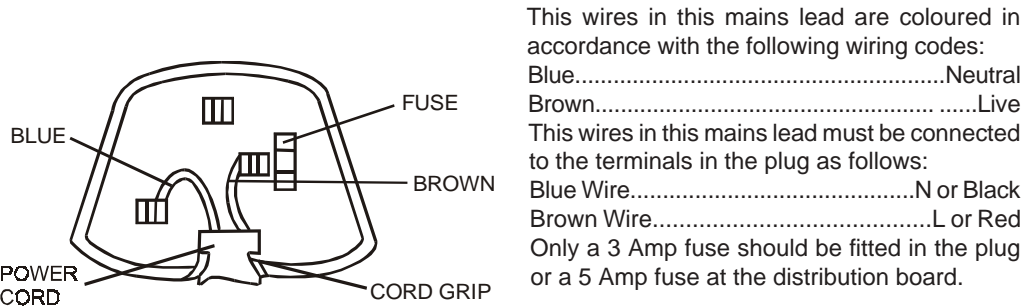
PRE FITTED MAINS PLUGS

For your convenience a mains plug has been fitted to this appliance. For your safety please observe the following information.

- 1. Should the fuse in the plug fail remove the plug from the wall socket and replace the fuse with a 3 Amp ASTA approved to BS 1362 fuse.
- 2. Never use the plug without the fuse cover fitted. Replacement fuse covers are available from your dealer or most electrical retail outlets.
- 3. If the mains plug is cut off the cable, rewire the replacement plug in accordance with instruction give in this manual.
- 4. CAUTION: Under no circumstances should the discarded plug be inserted into the mains socket.To prevent a shock hazard carefully dispose of the discarded plug.  
Do not leave the plug lying around where children might see it.

WARNING: To prevent fire or shock hazard do not expose this unit to rain or moisture.

CAUTION: DANGEROUS VOLTAGES EXIST INSIDE THIS UNIT. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DISCONNECT FROM MAINS SUPPLY WHEN NOT IN USE.



WARNING: UNDER NO CIRCUMSTANCES MUST THE LIVE OR NEUTRAL WIRES BE CONNECTED TO THE EARTH TERMINAL IN A 3- PIN MAINS PLUG.



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

CAUTION

CLASS 1 LASER PRODUCT

Use of contents or adjustments of performance of procedures other than those specified Herein may result in hazardous radiation exposure.

LASER SAFETY

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



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

CAUTION: HAZARDOUS LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED.

SOME DO' S AND DON'T'S ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet European safety standards but like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

Do read the operating instruction 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 in accordance with the manufacture's instructions. Switch off and withdraw the main plug when making or changing connections.

Do consult your dealer if you are ever in doubt of the installation, operation, or safety of your equipment.

Don't continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way-switch off, withdraw the mains plug and consult your dealer. Don't remove any fixed covers as this is may this is may expose DANGEROUS VOLTAGES. Don't leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a standby mode, Switch off using the switch on the equipment and made sure that your family knows how to do this, special arrangements may need to be made for infirm of handicapped people.

Don't listen to headphones at high volume, as such use can permanently damage your hearing.

Don't obstruct the ventilation of the equipment, for example with curtains or soft furnishings overheating will cause damage and shorten the life of the equipment.

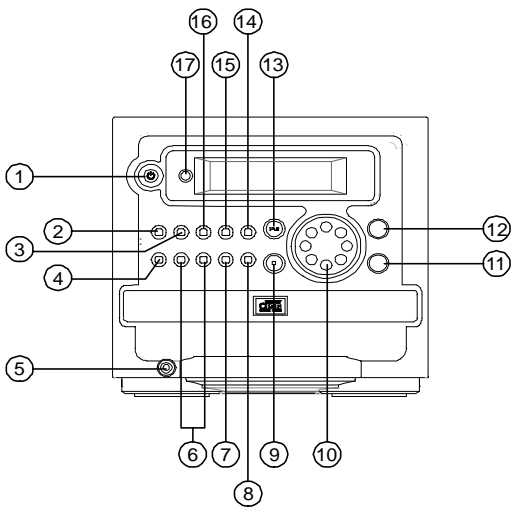
Don't allow electrical equipment to be exposed to rain or moisture.

Above all

- Never let anyone, especially children, push anything into holes, slots or any other opening, as this could result in a fatal electric shock.
- Never guess or take chances with electrical equipment of any kind.
- It is better to safe than sorry.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK. DO NOT EXPOSE THIS APPLIANCE TO RAIN MOISRURE, DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE, DO NOT OPEN THE CABINET REFER SERVICING TO QUALIFIED PERSONNEL ONLY.

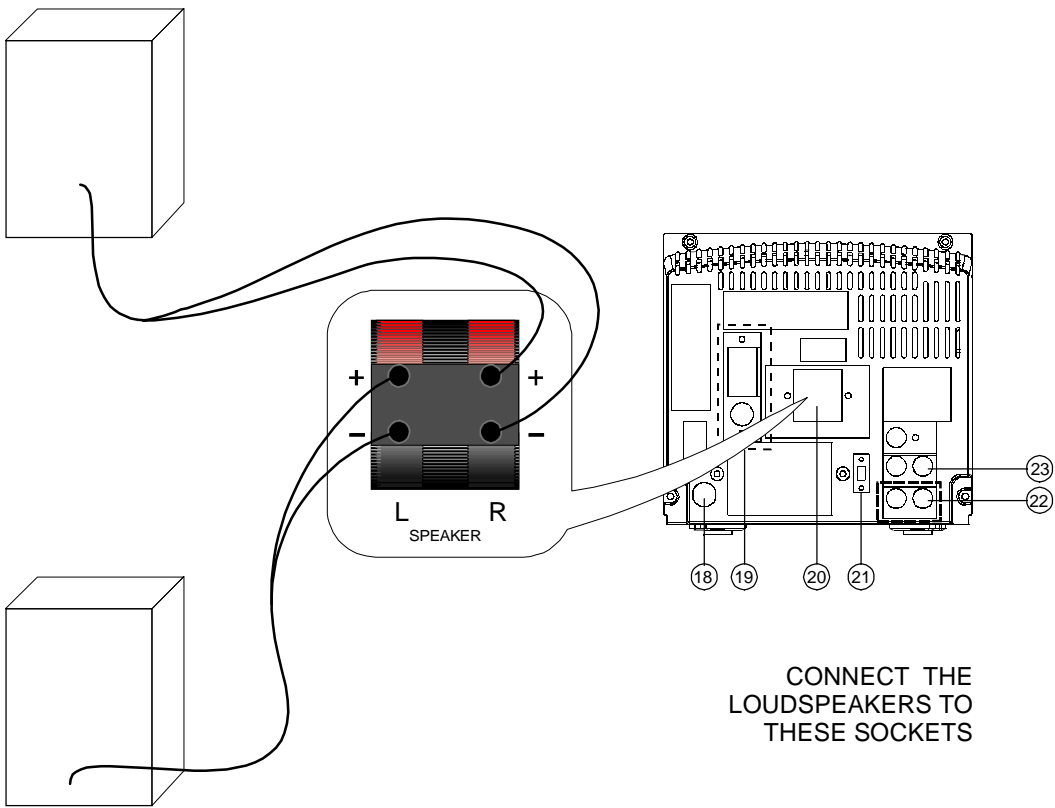
# LOCATION OF CONTROLS



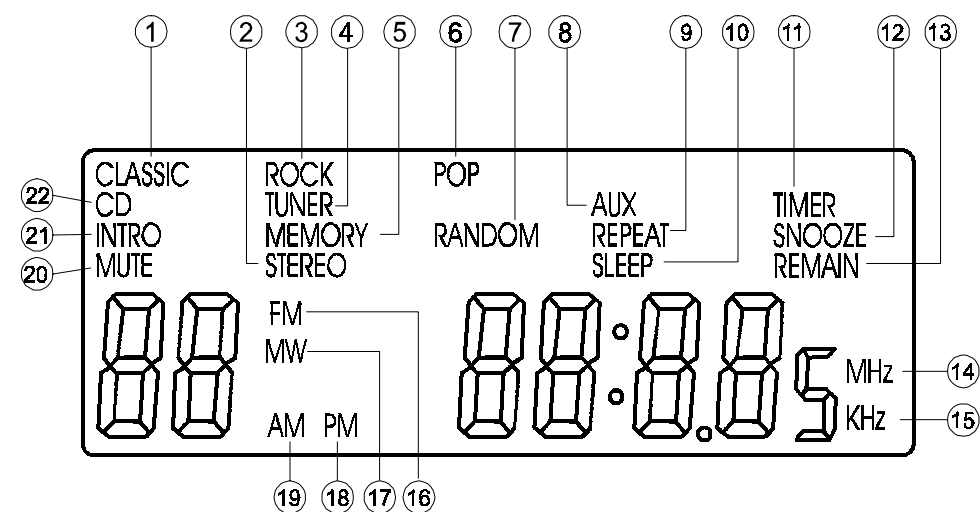
- 1. **POWER Key**
  - Press to turn the power ON/ Stand-by.
- 2. **CD Key**
  - For compact disc.
- 3. **TUNER Key**
  - To select the Tuner source.
- 4. **MEMORY/CLOCK ADJUSTMENT Key (MEM/CLK ADJ)**
  - In the Radio mode: the preset memory is called in ascending order.
  - In the CD mode: for setting program.
  - In the clock mode: for setting of the clock or timer adjustment.
- 5. **PHONES JACK**
  - Connection for headphones.
- 6. **SEARCH/CLK**
- 7. **SLEEP/TIMER**
- 8. **MUTE Key**
  - To mute the sound output.

- 9. **STOP/BAND Key**
  - In the CD mode: to stop the compact disc or clear program.
  - In the Radio mode: to select the receiving band.
- 10. **VOLUME Key**
  - To adjust the volume level.
- 11. **PRESET EQUALIZER Key(EQ)**
  - For selecting Digital Sound Control: **CLASSIC, ROCK, POP** and **FLAT**.
- 12. **OPEN/CLOSE Key**
- 13. **PLAY/PAUSE Key**
  - In the CD mode: to start or interrupt play.
- 14. **MEMORY-UP/REPEAT Key (REPEAT/M-UP)**
  - In the Radio mode: for recalling the preset memory in order.
  - In the CD mode: for selecting the all repeat or track repeat mode.
- 15. **DISPLAY Key**
  - To indicate the functioning of the unit.
- 16. **AUX Key**
- 17. **REMOTE SENSOR**
  - To receive signals from the remote control.

- 18. **AC POWER CORD**
- 19. **ANTENNA**
- 20. **SPEAKER SOCKET**
- 21. **STEREO/MONO SELECTOR**
- 22. **AUX INPUT SOCKET**
- 23. **LINE OUT SOCKET**

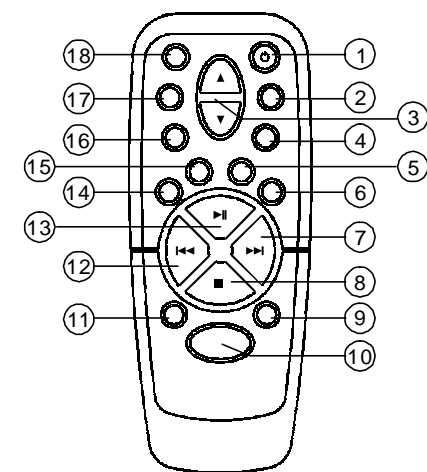


# DISPLAY



- |                          |                      |
|--------------------------|----------------------|
| 1. CLASSIC EQ Indicator  | 12. SNOOZE Indicator |
| 2. STEREO Indicator      | 13. REMAIN Indicator |
| 3. ROCK EQ Indicator     | 14. MHz Indicator    |
| 4. TUNER Indicator       | 15. KHz Indicator    |
| 5. MEMORY Indicator      | 16. FM Indicator     |
| 6. POP EQ Indicator      | 17. MW Indicator     |
| 7. RANDOM Indicator      | 18. PM Indicator     |
| 8. AUX Indicator         | 19. AM Indicator     |
| 9. REPEAT Indicator      | 20. MUTE Indicator   |
| 10. SLEEP play Indicator | 21. INTRO Indicator  |
| 11. TIMER Indicator      | 22. CD Indicator     |

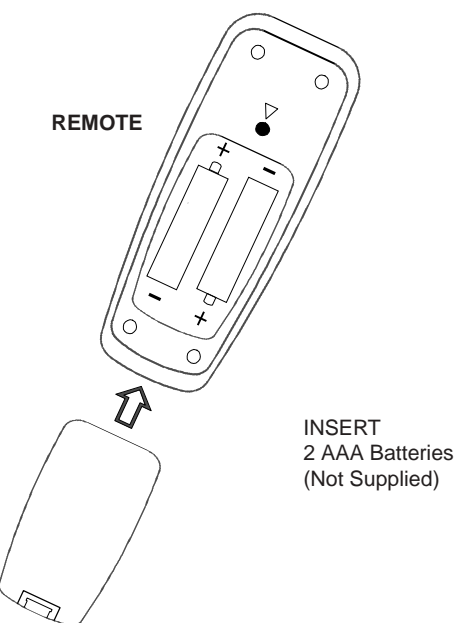
# REMOTE CONTROL



1. POWER Key
2. PRESET EQUALIZER Key (EQ)
3. VOLUME Key
4. SNOOZE Key
5. INTRO Key
6. REPEAT Key
7. FF Key
8. STOP / BAND Key
9. MEMORY-UP Key
10. FUNCTION Key
11. DISPLAY Key
12. REW Key
13. PLAY/PAUSE Key
14. PROG/MEM Key
15. RAND Key
16. TIMER Key
17. SLEEP Key
18. MUTE Key

# CONNECTION

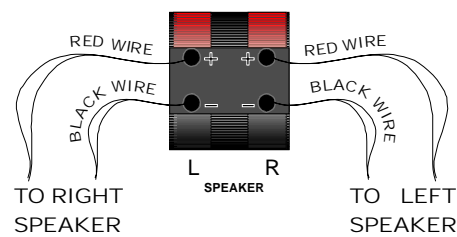
- Do not switch the power to the unit on until all connections are made.
- Do not place the FM aerial lead (B) on a metal desk or near a TV or personal computer.
- Unravel and position the FM aerial lead away from the power and speaker cords as these could generate noise. Do not position the FM aerial lead so that it touches the rear of the unit.



## REPLACING THE BATTERY

If the remote control has erratic or no operation. Replace the batteries (type AAA. obtainable from most shops). Remove the battery cover from the back of the remote. Remove the batteries and insert new once ensuring correct polarity. Replace the battery cover into the remote.

SPEAKER CORD CONNECTION



Connect the cable from the speaker on the left to the (L) terminal and the cable from the speaker on the right to the (R) terminal.

DO NOT CONNECT THE SPEAKERS TO THE AUX SOCKETS

NOTE:  
The speakers are not magnetically shielded. If placed next to or on top of your TV. The picture colour will be distorted. Install the speaker at least 5 inches away from your TV.

AC POWER CONNECTION

Connect the ac power lead after all other connections have been made.

NOTE:  
When there is a long power failure, or the mains lead is disconnected for more than 3 hours, the clock and tuner preset stations may be erased from the memory. Reset the clock and presets when power is restored.

SWITCHING THE UNIT ON AND OFF

Press the power button to turn the unit on.

POWER STANDBY

Power standby mode allows you to turn the unit on and off (to standby mode)with the power button on the remote control or on the unit itself. If you want to turn off the unit completely, remove the AC plug from the household supply.

VOLUME CONTROL

To adjust the volume, press the VOLUME and VOLUME button of front panel or press the VOLUME DOWN/UP button of remote control to the desired level.

STEREO HEADPHONE

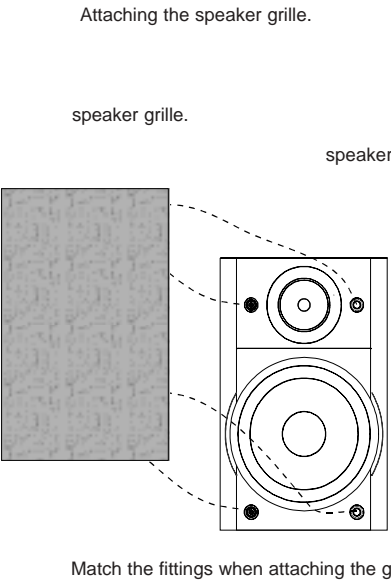
Stereo headphone socket is provided on the front panel of the main unit (headphones not supplied). Connect a low impedance (4-32ohm) stereo headphone to the headphone socket for private listening. Inserting the 3.5mm headphone jack plug automatically disconnects the loudspeakers.

SETTING THE CLOCK

- 1. Press **DISPLAY** to change to Clock display.
- 2. Press and hold **MEMORY/CLK ADJ**, the first second digit of "24H" will flash, press **SEARCH/CLK** to set the correct hour mode.
- 3. Press **MEMORY/CLK ADJ** to select the hour setting, the first second digit of "00" will flash, press the **SEARCH/CLK** to set the correct hours.
- 4. Press **MEMORY/CLK ADJ** again to select the minutes setting, the third fourth digit of "00" will flash, press the **SEARCH/CLK** to set the correct minutes.
- 5. Press **MEMORY/CLK ADJ** again to store in the memory.

TO REMOVE THE SPEAKER GRILLES

- 1. Insert your fingers at the top and bottom of the grille and pull towards you.





## COMPACT DISCS

1. Always use compact discs bearing the mark as shown:



2. Note: Home recorded discs (CDR) are not guaranteed to work on this player.
3. Notes on handling discs. Removing the disc from its storage case.



- Do not touch the reflective recorded surface.
  - Do not bend the disc.
  - Do not stick or write anything on the surface.
4. Storage
    - Store the disc in its case.
    - Do not expose the disc to direct sunlight, high temperatures, high humidity or dusty places.
  5. Cleaning a disc
    - Should the disc become soiled, wipe off dust, dirt and fingerprints with a soft cloth. The disc should be cleaned from the centre to the edge.



- Never use benzene, thinners, record cleaner fluid or antistatic spray.
- 8cm (3 3/16) "CD singles" can be used (without using an adapter) in this unit.

### CLEANING THE LENS

If the lens in the CD pick-up is dirty, dusty, etc., it could degrade the sound or prevent disc play.

- Use a blower (available from camera stores) to blow dust off the lens.
- If there are fingerprints, etc., on the lens, gently wipe clean with a cotton swab.

### NOTE:

**Only the discs marked with the disc logo are guaranteed to work on this player. Home recorded discs (CDR) recorded on home pc's may not play or operate correctly. CDRW discs cannot be played.**

## COMPACT DISC OPERATION

1. Press **CD** Function Button.
  2. Press **OPEN/CLOSE** Button to open the CD door.
  3. Insert a CD in the tray. Label side uppermost.
  4. Press **OPEN/CLOSE** Button to close the CD door.
- The CD-player starts and scans the contents list of the CD. After a few seconds, the total playing time and number of tracks appear on the display.

"NO DISC" will show if disc is inserted upside down.

### PLAYING THE ENTIRE DISC

1. Press **PLAY/PAUSE**.
  - Play starts with the first track.
  - The display shows the current track number and its elapsed playing time.
  - When all the tracks have been played, the CD player stops and the total number of tracks and total playing

time are shown on the display.

2. To stop play, press **STOP**.
3. To interrupt play, press **PLAY/PAUSE**.
4. To resume play, press **PLAY/PAUSE** again.

### SELECTING A DIFFERENT TRACK DURING PLAY

1. Press **◀ SEARCH/CLK ▶** until the required track number appears in the display.

**STARTING AGAIN WITH THE TRACK THAT IS CURRENTLY PLAYING** by pressing **◀ (SEARCH)** once. The track will be played again from the beginning.

**SEARCHING FOR A PASSAGE DURING PLAY** by holding **◀ (SEARCH)** or **▶ (SEARCH)** pressed down to search for the required passage. If you release the button, play will continue. The volume will automatically be reduced to a low level during search operation and will return to its normal level when the search button is released.

### PROGRAMMING TRACKS

Up to 20 tracks can be programmed into memory.

1. Load a CD as described under **Inserting the disc**.
2. Press **MEMORY/CLK ADJ** to start programming.
3. Press **◀ SEARCH/CLK ▶** to locate a particular track. The track number is shown on the display.

4. When you have found the correct track number, press **MEMORY/CLK ADJ** to store it in the memory. The display will show the programmed tracks.
5. To stop programming, press **STOP** once.
6. The programming will automatically stop if no button is pressed in a period of 10 seconds.

### REVIEWING THE PROGRAMME

1. Press **MEMORY/CLK ADJ** repeatedly to review of the tracks currently programmed will begin. The tracks will be displayed on the LCD.

### PLAYING A PROGRAMME

1. Press **PLAY/PAUSE ▶||**.
2. Play starts with the first track of the programme.
3. When all tracks have been played, the CD player stops.

### CLEAR PROGRAMME TRACKS

Opening and closing the CD tray will erase all programmed tracks.

### RANDOM PLAY (Remote Control Only)

You can play all the tracks on a disc in a random order.

1. Press **CD Key**.
2. Press **RANDOM (RAND)** Button.
3. "RANDOM" shows in the display.
4. Press **PLAY/PAUSE ▶||**.
5. The tracks will be played in a random order.
6. Press **STOP** or **RANDOM** to cancel the random mode.

**INTRO PLAY(Remote control only)**  
Press **INTRO** during **STOP** mode the first 10 seconds of each track on the disc will be played.

**REPEAT PLAY**  
To listen to a track, disc or programme over and over again, Use the "**REPEAT**" function.

1. Press **REPEAT/M-UP** once.
2. "**REPEAT**" will be displayed in the Display and all tracks on the disc will be repeated.
3. Press **REPEAT/M-UP** twice, "**REPEAT**" will flash in the Display and current track will be repeatedly played.
4. Press **REPEAT/M-UP** again to cancel the repeat function.

**REMAIN FUNCTION**

**In Radio Mode:**  
Press **DISPLAY** to change display information as follows:  
Freq display > Clock display > Timer > (Freq display)

**In CD Mode:**  
Press **DISPLAY** to change display information as follows:  
CD normal display > Clock display > Timer (CD normal display)

**For 'NORMAL PLAY'**

1. Track elapsed time
2. Remain time on disc
3. Clock time
4. Timer
5. Track time elapsed time

**For 'RANDOM' & 'MEMORY'**

1. Track elapsed time
2. Clock time
3. Timer
4. Track elapsed time

**In Other Mode:**  
Press **DISPLAY** to change display information as follows:  
Clock display > Timer (Clock display)

**Important note:**  
Please ensure that small children/babies do not operate this appliance. keep them away from the motorized CD tray as trapped fingers may hurt.

**TUNER OPERATION**

**TUNING**

1. Press **POWER** to switch on the unit.
2. Press **TUNER** button .
3. Select the tuning **BAND** with the **STOP/BAND** button **FM** or **MW**.
4. Press **◀ SEARCH/CLK ▶** for few seconds, then release the button.
  - The tuner will automatically search for the first broadcast of sufficient strength.
  - Repeat this procedure if you wish to select another station.
5. To tune to weak stations, briefly depress **◀ SEARCH/CLK ▶** continuously until you reach the required frequency or the reception is at its optimum.
6. Switch to **MONO** if there is interference noise during FM stereo reception. switch is located at rear of player.

**PROGRAMMING OF PRESET STATIONS**

1. Select the band with the **STOP/BAND** button.
2. Tune to the desired station as described under *Tuning*.
3. Press **MEMORY/CLK ADJ.** "**MEMORY**" will start to flash.
4. Press **REPEAT/M-UP** to assign a number (1-10) to the preset station.
5. Press **MEMORY/CLK ADJ** again. The frequency, preset number and stereo setting are now entered in the memory.
6. Repeat this procedure to store other frequencies and preset in the memory.

7. Upto 10 FM & 10 MW stations can be stored.

**TUNING TO PRESET STATIONS**  
Select a number between 1 and 20 by pressing :  
– **REPEAT/M-UP** button.



## TIMER OPERATION

Before setting the timer, make sure the clock is correctly set.  
See page 10.

### TIMER ON SETTING

Turn on the unit and Press **CD**, **TUNER** to select the desired sound source.

### WAKE TO TUNER

1. If you select **TUNER**, press **REPEAT/M-UP** to select a preset station.
2. The display will show the selected preset station and frequency.
3. Press **TIMER** to confirm your selection.
4. **'TIMER'** segment will appear on the display.
5. Press **DISPLAY** to change the display to clock mode.
6. Press **TIMER**, start time and **TIMER** segment will flash on the display about 5 seconds.
7. Press and hold **MEMORY/CLK ADJ**, the digit of hour segment will flash on the display about 10 seconds.
8. Press **◀ SEARCH/CLK ▶** to set the hour.
9. Press **MEMORY/CLK ADJ** again, digit of minutes segment will flash on the display about 10 seconds.
10. Press **◀ SEARCH/CLK ▶** to set the minutes.
11. Press **MEMORY/CLK ADJ**

again to store the start time.

### WAKE TO CD

Turn on the unit.

1. Insert a disc into the CD tray.
2. Press **TIMER**.
3. Repeat steps 5-11 under wake to tuner for Timer ON setting.

To cancel the Timer press the Timer Button on the Remote

Note: The **TIMER** will operate again in 24 hours.

When waking to CD playback will always start from track 1.

Note: When using the **TIMER** function the unit will turn off 60 minutes after the unit has switched on.

For example: If the tuner is set to turn on at 8 a.m. it will turn off again at 9 a.m. Please note this period is fixed and cannot be adjusted.

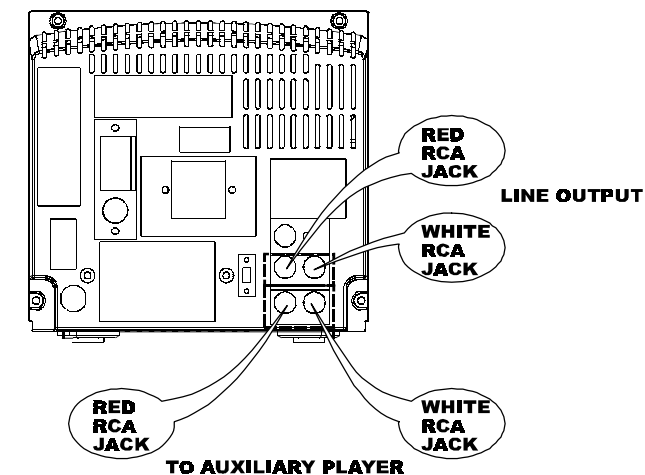
After the timer turns the unit on, press the snooze button to turn the unit off for a further 5 more minutes. After this time the unit will turn on again.

## SLEEP

1. Press **SLEEP**, on the Remote **'SLEEP'** appears in the display.
2. Press and hold the **SLEEP** Button to adjust the sleep time in the order of 90>80>70....10 minutes.
3. To cancel the SLEEP mode, press **SLEEP** again.

Note: The minimum sleep time is 10 minutes.

## CONNECTING AN EXTERNAL AUDIO SOURCE



AUX input. For connection of other sound sources. (e.g. TV or VCR audio output).

TROUBLESHOOTING GUIDE

Please make these simple checks before calling our helpline. These tips can save you time and money.

- NO POWER

  - Make sure the power cord is inserted fully into a 230V/50Hz outlet.
  - Check to be sure that the outlet is not controlled by a wall switch.
  - Unplug the power cord, wait 1 minute, then reinsert the plug and push the POWER button.
- NO VOLUME

  - Check the VOLUME control setting.
  - Make sure the correct feature has been selected. (For instance, “CD” should be selected when playing a CD.)
  - Make sure the speakers are properly connected.
  - Make sure the speaker wires are not shorted together.
  - If headphones are plugged in, disconnect them.
- REMOTE CONTROL DOES NOT WORK

  - Check and if necessary, replace the batteries.
  - Make sure the remote is pointed head-first at the micro system.
  - Make sure the micro system is plugged into an operating wall outlet.
  - The remote may be too far away from micro system.
- CAN’T TUNE RADIO STATIONS

  - Repeat channel selection.
  - Mark sure the FM wire aerial is unravelled & fully extended

NOTE: If operation of the unit or display is not normal, you should reset the unit by disconnecting it from the household wall outlet for 1 minute and then reinsert the plug.

TECHNICAL SPECIFICATIONS

- Power Supply

: AC 230V, 50Hz
- Power Consumption

: 70W
- Radio Section

Frequency Range

: MW 522 – 1620 KHz

FM 87.5 – 108 MHz
- Compact Disc Section

Frequency Response (3dB)

: 20-15,000 Hz

Signal-to-noise Ratio

: 70 dB

Harmonic Distortion

: 0.4%

Channel Separation

: 40 dB

CONTINUOUS IMPROVEMENTS ARE BEING MADE TO OUR EQUIPMENT BOTH IN QUALITY AND PERFORMANCE, THUS WE RESERVE THE RIGHT TO ALTER SPECIFICATIONS WITHOUT NOTICE.