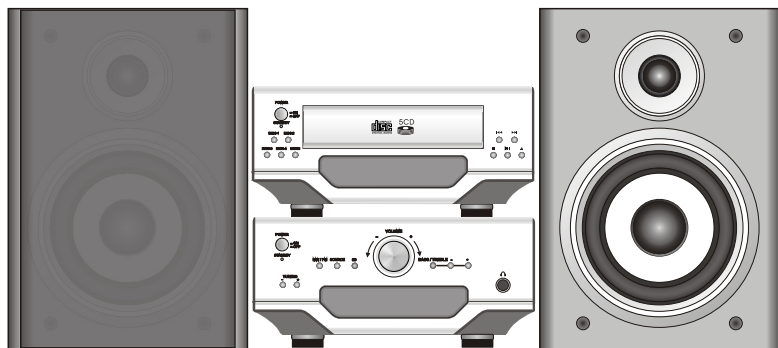


# Goodmans

## MICRO COMPONENT SYSTEM

### MICRO 1455



OPERATING INSTRUCTIONS

# TABLE OF CONTENTS

## 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.

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

Pack contents:

- 1 X CD
- 1 X AMPLIFIER & TUNER
- 1 X SIGNAL CABLE
- 2 X SPEAKERS
- 2 X SPEAKER WIRE
- 1 X FM AERIAL
- 1 X MW AERIAL
- 1 X REMOTE CONTROL
- 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 SAFEGUARDS

For your own safety read following instructions carefully before attempting to connect this clock radio to the mains.

Mains Supply: 230V ~ 50Hz - AC only

This unit is designed to operate on a **230V~50Hz** supply only. Connecting it to other power sources may damage it. Ensure that the supply corresponds to the information on the rating label on the bottom of the unit.

This component system 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 becomes lost or damaged, the plug must not be used until a replacement, available from the 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 needs 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 must then be disposed of safely, as insertion into a 13A socket is likely to cause an electrical hazard.

### IMPORTANT

The wires in the mains plug should be connected as shown in the diagram.

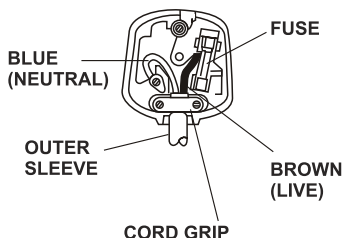
The colours of the wires in the mains lead of the unit may not correspond with the coloured markings identifying the terminals in your plug. Connect them as follows:-

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.

There should be no connection to the earth terminal of your plug.

If a 13 Amp (BS 1363) Plug is used, a 3 Amp Fuse must be fitted, or if any other type of Plug is used a 3 Amp or 5 Amp Fuse must be fitted, either in the Plug or Adaptor, or on the Distribution Board.



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

### DANGER

#### LASER SAFETY

CAUTION : USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

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

This unit employs a laser. Only a qualified service person should remove the cover or attempt to service



### CAUTION

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

To achieve the utmost in enjoyment and performance, please read this manually carefully before attempting to operate the unit in order to become familiar with its features, and assure you years of faithful, trouble free performance and listening pleasure.

### Important Notes

- Keep instructions the safety and operating instructions should be retained for future reference.
- Avoid installing the unit in locations described below:
  - Exposed to direct sunlight or close to heat radiating appliances such as electric heaters.
  - On top of other stereo equipment that radiate too much heat.
  - Places lacking ventilation or dusty places.
  - Places subject to constant vibration.
  - Humid or moist places.
- Make sure not to obstruct the ventilation opening.
- Operate turning controls and switches as instructed in the manual.
- Before turning on the power for the first time, make certain the power cord is properly installed.
- Store your tapes or CD in a cool area to avoid damage from heat.

For safety reasons, do not remove any covers or attempt to gain access to the inside of the product. Refer any servicing to qualified personal.

Do not attempt to remove any screws, or open the casing of the unit; there are no user serviceable parts inside, refer all servicing to qualified service personal.



**CAUTION :** TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER(OR BACK), NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONAL.



#### DANGEROUS VOLTAGE

Conductor dangerous voltage, that may be of sufficient magnitude to constitute a risk of electric shock to persons is present within this product's enclosure.

#### ATTENTION



The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

**WARNING :** TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO DRIPPING OR SPLASHING.

#### Note:

This unit will become warm when used for a long period of time. This is normal and does not indicate a problem with the unit.



## IMPORTANT NOTES

Hearing is very important to you and to us so please take care when operation 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 that 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 maybe too loud.

Once your 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.
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.

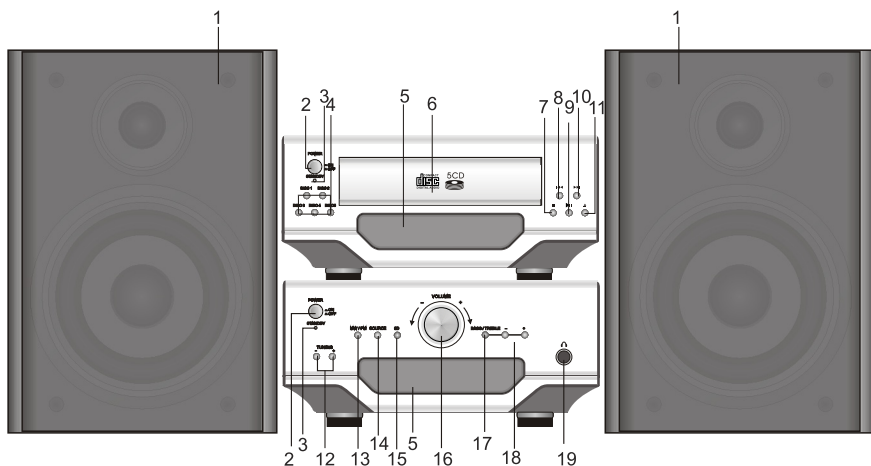
#### THE FOLLOWING NOISE CAN BE HARMFUL UNDER CONSTANT EXPOSURE

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

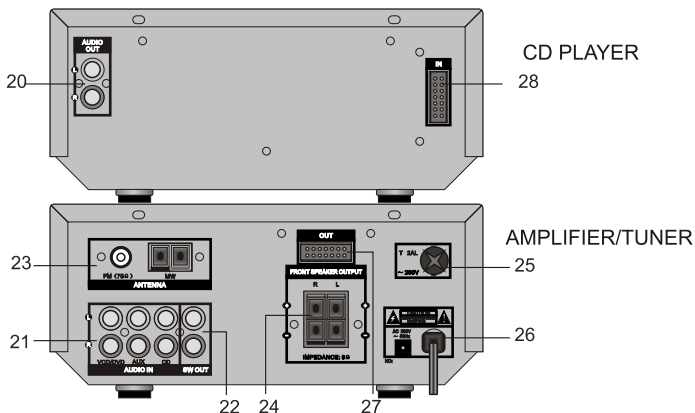
#### PERMANENT LOSS OF HEARING

140dB	THRESHOLD OF PAIN GUNSHOT 2 feet away, jet plane taking off.
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## ■ IDENTIFICATION OF CONTROLS

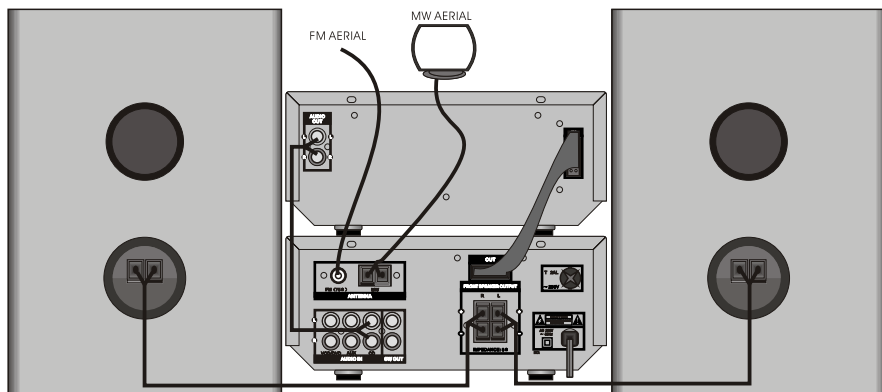


- |                        |                          |                                    |
|------------------------|--------------------------|------------------------------------|
| 1. Speaker             | 8. Previous track button | 15. 3D button                      |
| 2. Power switch button | 9. Play / Pause button   | 16. Volume control                 |
| 3. Standby LED         | 10. Next track button    | 17. Bass / treble selection button |
| 4. Disc select buttons | 11. Open/close button    | 18. Tone level +/- button          |
| 5. LCD display         | 12. Tuning +/- buttons   | 19. Headphone socket               |
| 6. CD drawer           | 13. Band select button   |                                    |
| 7. Stop button         | 14. Source button        |                                    |



- |  |                       |
|--|-----------------------|
| 20. CD audio line output sockets                                   | 24. Speaker terminals |
| 21. Input sockets for VCD/DVD, AUX and CD                          | 25. FUSE (T2A 20MM)   |
| 22. External subwoofer line output socket (subwoofer not supplied) | 26. Power cord        |
| 23. FM and MW aerial sockets                                       | 27. Link cable out    |
|  | 28. Link cable in     |

## SYSTEM CONNECTION DIAGRAM FOR CD , AMPLIFIER & TUNER



1. Connect signal cable(twin RCA to twin RCA)from audio output on the CD deck to CD input socket on amplifier section.
2. Connect speaker wires to speakers and speaker terminals. Observing the correct polarity red to red, black to black.
3. Connect FM&MW aerial.
4. Connect link cable from the CD section to the amplifier section

### REMOTE CONTROL

#### REMOTE CONTROL

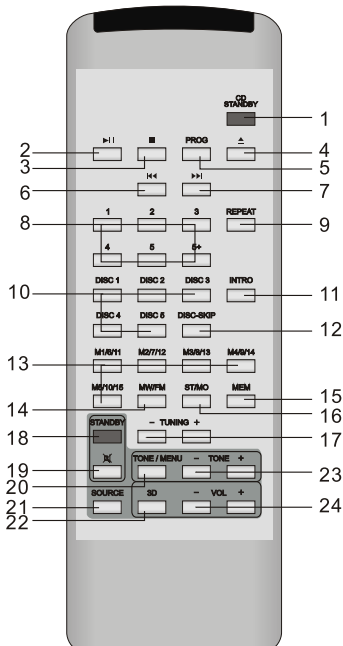
1. STANDBY BUTTON
2. PLAY/PAUSE BUTTON
3. STOP BUTTON
4. OPEN/CLOSE BUTTON
5. PROG BUTTON
6. PREVIOUS TRACK/REVERSE SEARCH BUTTON
7. NEXT TRACK/ FORWARD SEARCH BUTTON
8. NUMERICAL BUTTONS
9. REPEAT BUTTON
10. DISC SELECT BUTTONS
11. INTRO BUTTONS
12. DISC -SKIP BUTTON

#### DIGITAL TUNER SECTION:

13. M1/6/11~M5/10/15 PRESET NUMBER BUTTONS
14. BAND SELECT BUTTON
15. MEMORY(MEM) BUTTON
16. STEREO/MONO(ST/MO) BUTTON
17. TUNING -/+ BUTTON

#### AMPLIFIER SECTION:

18. STANDBY BUTTON
19. MUTE BUTTON
20. TONE/MENU BUTTON
21. SOURCE BUTTON
22. 3D BUTTON
23. TONE -/+ BUTTON
24. VOLUME -/+ BUTTON

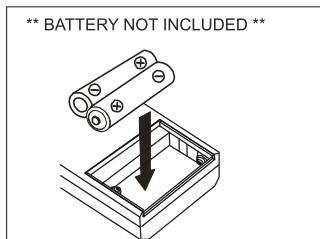


## ■ INSTALLING THE BATTERIES INTO THE REMOTE CONTROL UNIT

Press down on the compartment cover, and slide down to remove the cover.

Place the two batteries (UM4), (AAA), (LR03) batteries in the remote control according to the polarity markings ("+" and "-") inside the compartment.

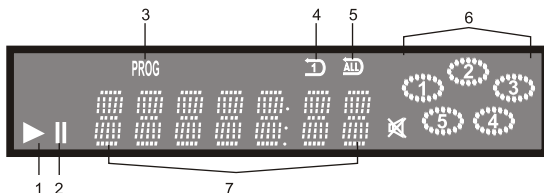
Place the cover over the compartment, press down lightly, and push it upward until it snaps into place.



## ■ DISPLAY

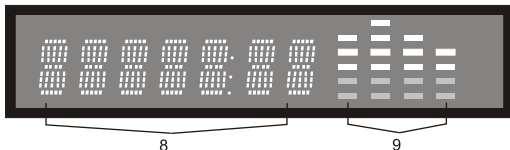
### A. CD PLAYER DISPLAY

1. PLAY INDICATOR
2. PAUSE INDICATOR
3. PROGRAMME INDICATOR
4. REPEAT ONE INDICATOR
5. REPEAT ALL INDICATOR
6. DISC INDICATOR
7. ELAPSED TIME/TRACK NUMBER DISPLAY



### B. AMPLIFIER/TUNER DISPLAY

8. SOURCE/ FREQUENCY INDICATOR
9. SPECTRUM DISPLAY



## ■ AMPLIFIER OPERATION:

- To turn on the amplifier/tuner press the power switch. The display will illuminate. The source selected will be the last source listened to before the power was turned off.
- Press the SOURCE button on the remote or the SOURCE button on the unit to select the desired source VCD/DVD, AUX or CD.
- **VOLUME CONTROL:** Use the volume control on the amplifier or the VOLUME +/- buttons on the remote control to increase or decrease the volume level. The display on the amplifier will show the selected volume level.
- **BASS:** To increase or reduce the BASS level, press the TONE MENU button on the front of the amplifier repeatedly until **Bass** is shown in the display, then adjust using the TONE +/- buttons
- **TREBLE:** To increase or reduce the TREBLE, press the TONE MENU button on the front of the amplifier repeatedly until **Treble** is shown in the display, then adjust using the TONE +/- buttons.
- **3D:** To add spacial effect to the audio press the 3D button. To cancel this press the 3D button until off is shown in the display.
- **MUTE:** Press the mute button "M" to mute the audio output. To restore audio press the mute button again.
- To turn the unit to standby press the two standby buttons on the remote. The standby indicators will illuminate to turn back on press the two standby buttons again.

## ■ BASIC OPERATION

### CD PLAYER BASIC OPERATION:

- Ensure the amplifier is switched on and CD function is selected
- Press the **POWER** button on the front panel
- Press the “▲” button on the front panel or remote controller. The disc drawer will open. Load a disc on to one of the CD trays with the label side facing up. To insert more CDs gently push the top showing tray backwards and then insert a disc to the empty tray. Then press the “▲” button again to close the drawer.
- **PLAY** : Press the **PLAY/PAUSE** button “▶||” . The playback starts from the first track.
- **PAUSE** : Press the **PLAY/PAUSE** button “▶||” to temporarily stop playback. Press the **PLAY/PAUSE** button “▶||” again to resume playback.
- **STOP** : Press the **STOP** button “■” to stop playback. The unit will stop automatically when the end of the disc is reached.
- **DIRECT TRACK ACCESS** : Press the **NUMERIC** buttons on the remote control corresponding to the required track. A track can also be selected by pressing the **MUSIC SKIP** buttons “◀◀” “▶▶”
- **SEARCH** : During playback, press and hold the next track/forward search button “▶▶” to search forward, press and hold the previous track/reverse search button “◀◀” to perform a reverse search. When the desired section is found release the button and playback will resume from that point.
- **REPEAT ONE**: To repeat one track continually, press the **REPEAT** button once whilst the track is playing and the **REPEAT ONE** symbol will show in the display. To cancel this function, press the repeat button until the **REPEAT ONE** symbol disappears from the display.
- **REPEAT ALL**: To repeat all tracks on a disc, press the **REPEAT** button until the **REPEAT ALL** symbol is shown in the display. To cancel this function press the repeat button until the **REPEAT ALL** symbol disappears from the display.
- **REPEAT ALL DISC**: Press the repeat button repeatedly until the repeat all symbol is shown flashing in the display. To cancel this function press the repeat button until the repeat all icon is no longer shown.
- **PROGRAMME PLAYBACK**: This function is used to programme playback in a specific order. Please use the following steps to create a programme:
  1. When in CD stop mode press the **PROG** button on the remote to enter the programme mode
  2. Select the disc the track is on using **DISC 1 - DISC5** buttons.
  3. Select each of the tracks you wish to play using the numeric buttons. If you require to programme a track above 6, use the **5+** button. Each press of this button will increase the selection by ten. For example:
    - To programme track 7, press the **5+** button once and then press the **2** button.
    - To programme track 14, press the **5+** button twice and then press the **4** button.
  4. To stop playback press the **STOP** “■” button.
  5. To cancel programme play back press either the **PROG** button or the **STOP** “■” button.
  6. To select previous or next track of the programmed tracks, press the **MUSIC SKIP** buttons “◀◀” or “▶▶”.
- **INTRO**: To play the first 10 seconds of each track on the disc press the **INTRO** button. To cancel this function press the **INTRO** button again.
- **DISC1- DISC5 buttons** : Press the relevant button to listen to tracks from that disc.
- **DISC- SKIP** : Press to cycle through the inserted discs.

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## RADIO OPERATION

- Select the tuner by pressing the **SOURCE** button until **FM** or **MW** shows in the display.
- Press the **MW/FM** button to select the desired band.
- **MANUAL SEARCH:** Press the **TUNING +/-** button briefly to locate the required frequency. If you are listening to a station in **FM STEREO** and there is a large amount of noise(hiss), press the **ST/MO** button to listen to the station in **MONO**.
- **AUTOMATIC SEEK:** Press and hold the **TUNING +/-** button for approximately 1 second until the display starts searching quickly. The unit will stop at the first receivable station. If this is not a desired station please repeat until the desired station is located.
- **PRESET STATIONS:** This unit has 15 presets for **FM** and 15 presets for **MW**. Please use the following steps to store favourite stations into the preset memories:
  1. Press the MW/FM button to select the required band
  2. Tune into the station using one of the methods described above.
  3. Press the memory button(MEM)
  4. Press the preset number button (M1/6/11 to M5/10/15)for the required preset location .  
For example:
    - To select preset 5, press the M5/10/15 button once,
    - To select preset 10, press the M5/10/15 button twice,
    - To select preset 15, press the M5/10/15 button for a third time.
  5. Follow steps 2 to 4 to store all required stations on the same wave band.
  6. To listen to your preset stations, first select the band the station is on and then press the memory button the relevant number of times. For example
    - To listen to preset 3, press the M3/8/13 button once,
    - To listen to preset 8, press the M3/8/13 button twice,
    - To listen to preset 13, press the M3/8/13 button for a third time.

## ■ COMPACT DISC

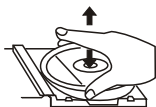
1. Always use a compact discs bearing the mark as shown.



### 2. Notes on handling discs

Removing the disc from its storage case and loading it.

- \* Do not touch the reflective recorded surface.
- \* Do not stick paper or write anything on the surface.
- \* Do not bend the disc.



### 3. Storage

- \* Store the disc in its case.
- \* Do not expose discs to direct sunlight or high temperatures, high humidity or dusty places.

### 4. Cleaning a disc

- \* Should the disc become soiled, wipe off dusty, dirt and fingerprints with a soft cloth.
- \* The disc should be cleaned from the centre to the edge.

FROM THE CENTRE TO THE EDGE

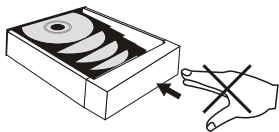


CORRECT



INCORRECT

- \* Never use benzene, thinners, record cleaner fluid or anti static spray.
- \* Be sure to close the CD door, so that the lens is not contaminated by dust.  
Do not touch the lens.



**Warning !** Please do not want to pull by hand card door, the in order to prevent procedure disorders!

**Note :** Whilst every effort has been made to ensure this CD player will play CDR discs recorded on home computers, we cannot guarantee such discs will play due to the many methods of producing the discs which may or may not be compatible with this unit..

## ■ SPECIFICATION

POWER SUPPLY:  
UNIT DIMENSION:  
SPEAKER DIMENSION:  
N.W:

AC 230V~ 50Hz  
310(L)×220(W)×91(H)mm  
247(L)×187(W)×264(H)mm  
17.1KG

### CD COMPONENT SECTION

STANDARD:  
AUDIO OUTPUT LEVEL:  
FREQUENCY RESPONSE:  
POWER CONSUMPTION:

CD、CD-R  
 $2.0 \pm \frac{0.2}{1.0}$  V  
20Hz-20KHz $\pm \frac{1}{3}$  dB  
30W

### RADIO SECTION

FREQUENCY RANGE:

FM 87.5-108.00MHz  
MW 522-1620KHz

### AMPLIFIER SECTION

FREQUENCY RESPONSE:  
OUTPUT POWER  
LOAD IMPEDANCE:  
LINE INPUT:

20Hz-20KHz $\pm \frac{1}{3}$  dB  
60W+60W RMS AT 10% THD  
8  $\Omega$   
150 mV/47K  $\Omega$