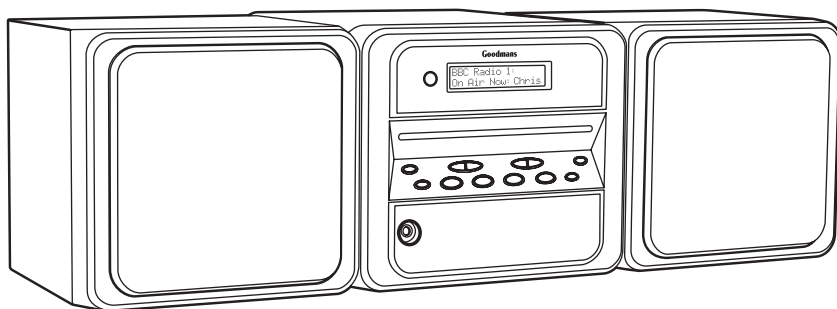# Goodmans

MICRO1112DAB DAB MICRO
User Guide

IMPORTANT: Please read all instructions carefully before use and keep for future reference
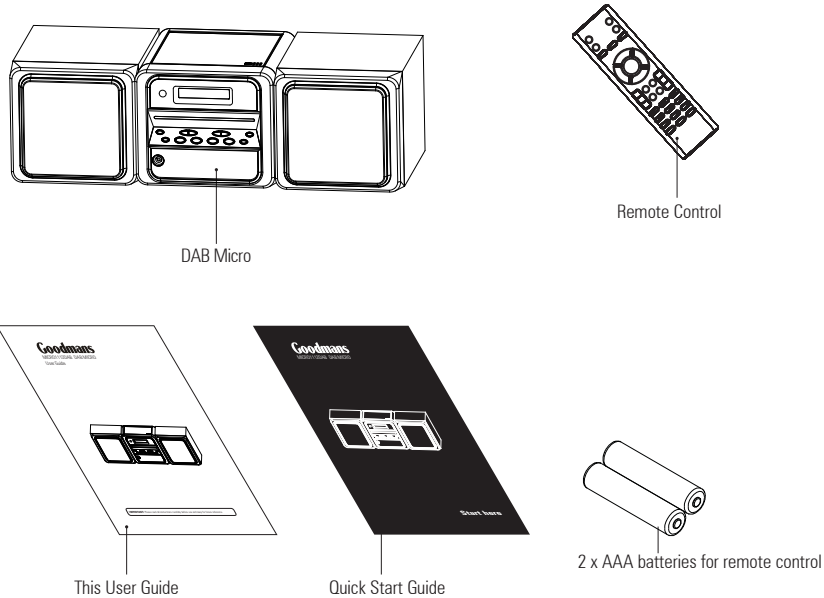
Introduction

Thank you for choosing this Goodmans DAB Micro System. You can listen to your favourite radio stations and CD's.

It's really simple to use; you can fully operate your DAB Micro system using the supplied Remote Control. Throughout this User Guide the DAB Micro will be referred to as the Micro System.

Safety is important

Use of any electrical equipment should be undertaken with care. Please read the Safety instructions on pages 19 & 20 before you operate this Micro System.
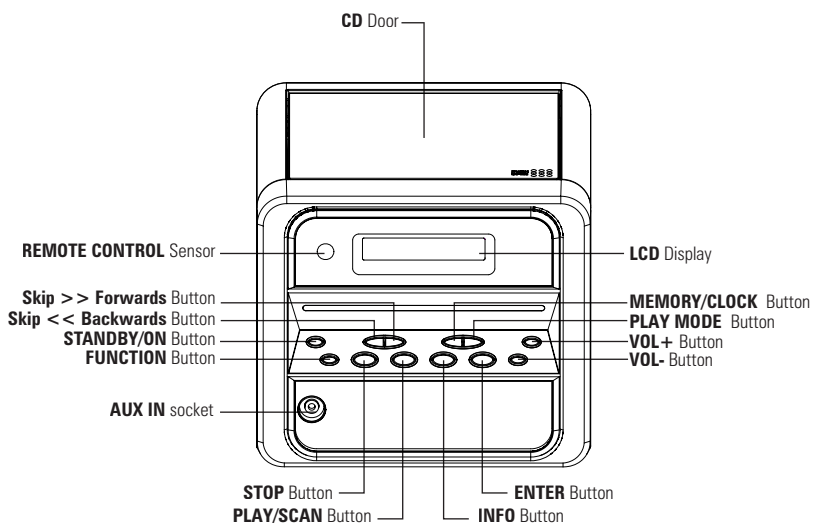
What's in the box

Remote Control

DAB Micro

This User Guide

Quick Start Guide

2 x AAA batteries for remote control

Contents

Front

CD Door

REMOTE CONTROL Sensor

LCD Display

Skip >> Forwards Button
Skip << Backwards Button
STANDBY/ON Button
FUNCTION Button

MEMORY/CLOCK Button
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Rear

SPEAKER Terminal
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Antenna
Mains Power Lead

Remote Control

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STANDBY

AUX

MUTE

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/DISPLAY

FUNCTION

CLOCK ADJ.
/PROGRAM

TIMER

MENU

ENTER

▶/II
SCAN

FOLDER
/PRESET

PLAY
MODE

STOP

VOLUME

UP

EQ

BASS

DN

1 2 3
4 5 6
7 8 9
SLEEP 0 +10

Goodmans

1

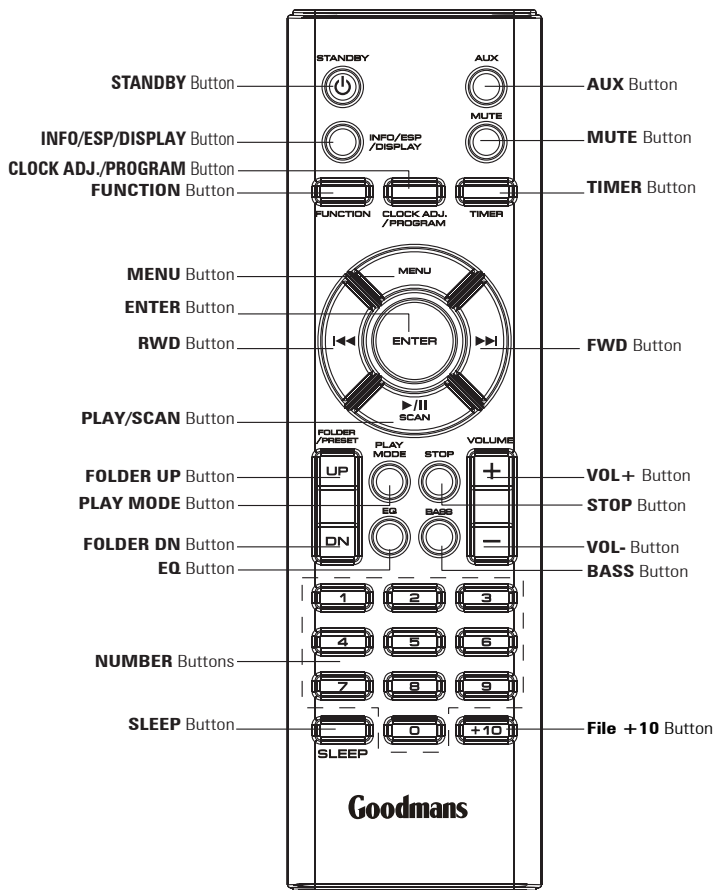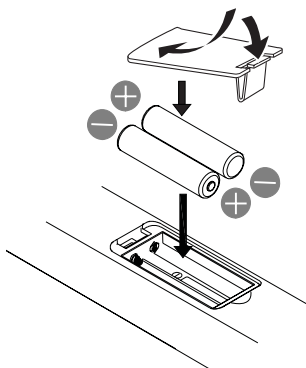### Using the Remote Control

Insert two AAA batteries into the remote control while observing the correct (+) and (-) polarities as shown.

2

Using Headphones

A pair of headphones (not supplied) with a 3.5mm diameter stereo plug and 8-32 ohm impedance is required. Plug the headphones into the Headphone Socket at the back of the Micro System.
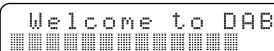
When headphones are connected, the speakers are automatically muted.

Introduction

■ Your DAB radio can automatically scan for radio stations within your region. The radio stations found are stored.

■ In addition to digital audio your DAB radio can display information such as Program name, Program type, Network provider, Signal strength, Current time and date, and scrolling text information.

Turning on the DAB radio

Extend the wire aerial on the rear of the DAB radio. Press the **STANDBY/ON** button to switch on your radio.

```
Welcome to DAB
▓▓▓▓▓▓▓▓▓▓▓▓▓▓▓
```

Scanning for Radio Stations

1 For initial use, press the **PLAY/SCAN** button. The DAB radio will make a quick scan and store the stations in memory.

```
Scanning...
▓▓▓▓▓▓▓▓
```

2 When the scanning is completed, the DAB stations will be displayed in alphanumeric order. The first station in the list will be selected.
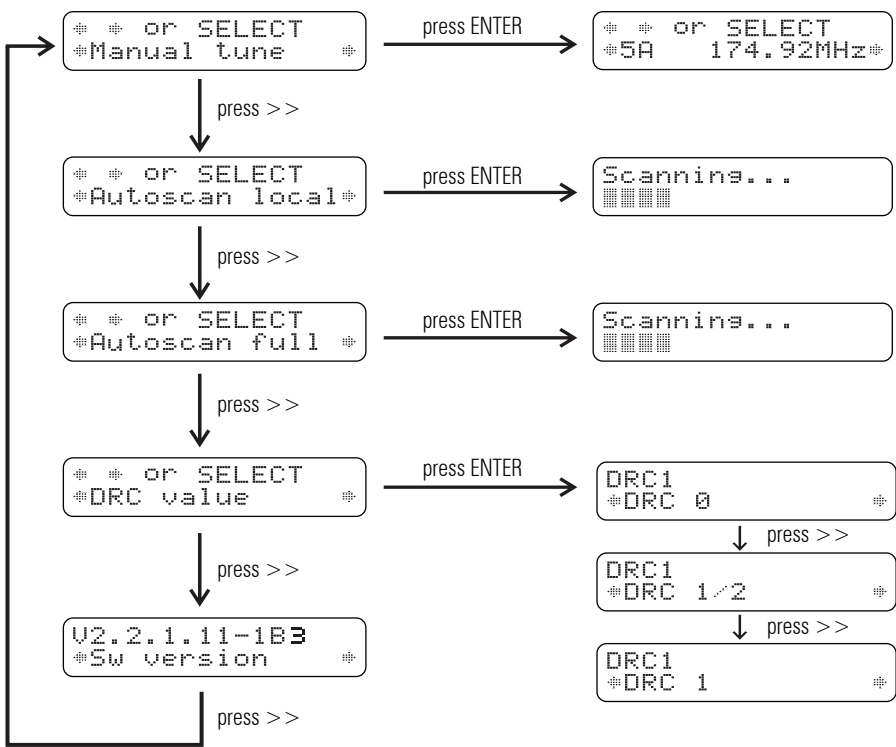
```
6Music
Now tuning...
```

3 Press the **< < / > >** button to cycle through available stations. Press the **ENTER** button to select the chosen station.

Note : For a full Scan, press and hold the **PLAY/SCAN** button for a few seconds.

Manual Tune

Press the **MENU** button on remote control and press $<</>>$ buttons until the name of the option is displayed.

This will display as follow

```
⊕   ⊕  or  SELECT
⊕Manual  tune        ⊕
```
press ENTER →
```
⊕   ⊕  or  SELECT
⊕5A      174.92MHz⊕
```

press >>

```
⊕   ⊕  or  SELECT
⊕Autoscan  local⊕
```
press ENTER →
```
Scanning...
▓▓▓▓▓
```

press >>

```
⊕   ⊕  or  SELECT
⊕Autoscan  full   ⊕
```
press ENTER →
```
Scanning...
▓▓▓▓▓
```

press >>

```
⊕   ⊕  or  SELECT
⊕DRC  value          ⊕
```
press ENTER →
```
DRC1
⊕DRC  0               ⊕
```
↓ press >>
```
DRC1
⊕DRC  1/2             ⊕
```
↓ press >>
```
DRC1
⊕DRC  1               ⊕
```

press >>

```
V2.2.1.11-1B3
⊕Sw  version      ⊕
```

press >>

DRC (Dynamic Range Control) value

Normally the default setting 0 is best, but if you are listening in a noisy place then setting DRC to 1 will make quiet sounds, like speech louder and easier to hear.

SW Version

Displays the software version of this DAB radio.

Displaying DAB information

To display DAB information:

1. Whilst listening to a station, repeatedly press the **INFO** button to select the information required, the display will show the information in the bottom line of the LCD display.

The following screens show typical examples:

Program name ———————⟶ `BBC Radio 4`
Scrolling text information—⟶ `he Bank of Engla`

Program type ———————⟶ `BBC Radio 4`
`Current Affairs`

Multiplex name ——————⟶ `BBC Radio 4`
`BBC National DAB`

Current time and date ——⟶ `BBC Radio 4`
`08: 44 03-06-2009`

Channel and frequency ——⟶ `BBC Radio 4`
`12B  225.64MHz`

Bit rate and mode ————⟶ `BBC Radio 4`
`128kbps  Stereo`

Signal error rate ————⟶ `BBC Radio 4`
`Signal error 2`

Scrolling Text:

The text may show information on music titles or details of the programme and is provided by the broadcaster.

Program Type

This is a description of the type of programme provided by the broadcaster.

Network Name

This will show the network that is broadcasting the programme you are listening to.

Time and Date

This displays the time and date information provided by the broadcaster. In good signal conditions it will always be accurate.

Channel and Frequency

This displays the channel number and the transmission frequency.

Signal Information

This shows the digital bit-rate and the mode.

Signal Error Rate

If the transmission signal contains errors the system can apply correction. The amount of signal correction can be displayed as a numerical value between 0 and 99. As the value increases, you will hear the signal degrade. To improve reception, try adjusting the position of the aerial.

Signal Strength

You can also display the signal strength of a DAB station.

When tuned to the station press the **ENTER** button . The LCD screen will show a bar graph indicating the strength of the signal - the more squares the stronger the signal.

The open square indicates the minimum signal strength required for good reception.

`BBC Radio 4`
`■■■□■■■■■■■■■`

Store and recall a preset station

There are 10 presets to store your favourite DAB stations.

To store a station to a preset button on your remote control:

Whilst listening to a station press and hold the number button that you wish to use to preset this station until 'Preset saved' is displayed.

For example, to store a station in preset 4:

❶ Whilst listening to a station press the 4 button until the LCD shows 'Preset 4 saved'.

To recall a station in preset 4:

❷ Briefly press the 4 button on the remote control, the LCD display will show the selected station. If preset 4 had not been previously assigned to a station the LCD display would show 'Empty preset'.

To preset 10 press and hold the +10 button.

Manual Reset

To reset the DAB radio, press and hold the **MEMORY/CLOCK** button for 5 seconds "**Factory RESET**" appears, then press the **PLAY/SCAN** button to confirm.

Note: This will force the system to re-scan. Any previously stored preset stations will be lost.

Basic operation

1 Press the **STANDBY** button on the main unit to power on.

2 Press the **FUNCTION** button on the unit to select Tuner mode.

3 Tune to the station you want by pressing the **>>/<<** buttons.

4 To automatically scan to the next available station, press the **PLAY/SCAN** button.

Preset stations

You can store up to a total of 20 radio stations in the memory (10-FM)

1 Select **TUNER** mode.

2 Tune to the desired radio station by pressing the **PLAY/SCAN** or the **<< / >>** buttons.

3 Press and hold the desired number button on the remote control to store the radio station, for example button number 4. After 2 seconds the display will show "Preset 4 saved".

4 To recall a preset station in preset 4, briefly press the 4 button on the remote control.
The radio will switch to the desired station. If no preset station has been assigned to preset memory 4, the display will show "Empty preset".

Antenna

DON'T FORGET!
There is a built-in antenna wire on the back of the unit. Move the wire around to get the best reception. For best DAB reception stretch the wire vertically.

RDS

Displaying data information

To display data information:

1. Whilst listening to a station repeatedly press the **INFO** button to select the data information required, the display will show the data information in the bottom line of the LCD display.

The following LCD display screens show typical examples of data information which is shown in the bottom line of each screen:

Program name ——————
Scrolling text information——
```
BBC Radio 4 RDS
he Bank of Engla
```

Program type ——————
```
BBC Radio 4 RDS
Current Affairs
```

Current time and date ——
```
BBC Radio 4 RDS
08:44 03-06-2006
```

Frequency ——————
```
BBC Radio 4 RDS
91.80MHz      FM
```

Radio Text - Scrolling Text:

This is scrolling text information supplied by the FM station. It may show information on music titles or details of the programme and is provided by the broadcaster. "NO RT" will be shown if FM station with RDS is not available.

Program Type

This is a description of the type of programme provided by the FM station and is provided by the broadcaster. "NO PTY" will be shown if an FM station with RDS is not available.

Time and Date

This displays the time and date and is provided by the broadcaster, so will always be accurate. "NO CT" will be shown if an FM station with RDS is not available.

Frequency

This displays the transmission frequency.

Loading and unloading CDs

1 Press the **STANDBY** button to turn on the unit.

2 Press the **FUNCTION** button to select CD mode.

3 Open the disc compartment by pressing the door release catch.

4 When the disc compartment has opened, remove a disc from its case and place it carefully onto the tray with the label side facing upwards.

DON'T FORGET! Do not put anything except a compact disc into the compartment. Other objects may damage the unit.

5 Press down on the CD door until it latches into the closed position.

6 When the compartment is fully closed, the disc will be read automatically. The total number of tracks on the CD will appear on the LCD display.

DON'T FORGET! Keep the disc compartment closed when not in use to prevent dirt and dust from entering the mechanism. Never place more than one disc into the disc compartment at any time.

Playing CDs

1 Press the **PLAY/SCAN** button once to begin playback of the CD from the first track.

2 Press the **PLAY/SCAN** button once to pause playback of the CD; the " ▋▋" indicator will flash in the display.

3 To stop playback, press the **STOP** button.

Selecting a different CD track

1 Press the **SKIP** buttons to skip forwards or backwards through the tracks on the CD.

2 Press and hold the **SKIP** buttons to fast forwards or backwards through the current track.

3 When the desired part of the track is reached, release the button and playback will resume.

Play Mode

1 To repeat the current track, press the **PLAY MODE** button once. " ↻" will show in the display.

2 To repeat the entire disc, press the **PLAY MODE** button twice. "↻" will show in the display.

3 To cancel repeat play, press the **STOP** button or press the **PLAY MODE** button until the repeat indicator disappears.

Random CD playback

1 In play mode press the **PLAY MODE** button on the remote control three times, " **r** " will show in the display, and the tracks will be played in a random order.

2 To cancel random play, press the **STOP** button or press the **PLAY MODE** button until the random indicator disappears.
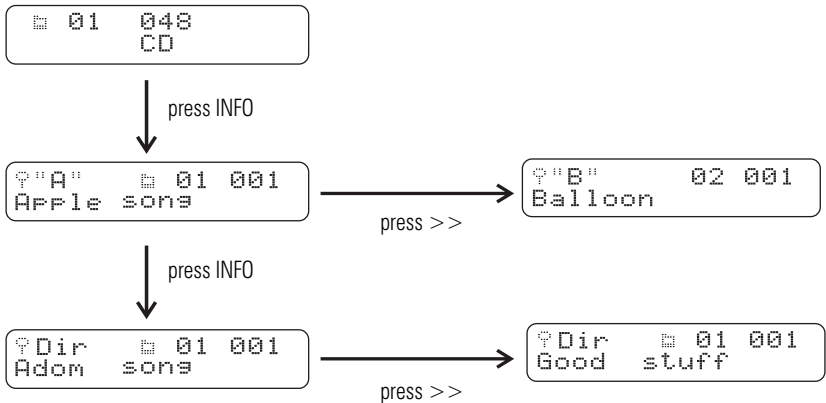
Playing MP3 and WMA CDs

When playing a CD encoded with MP3 or WMA files, the functions available and operations are similar to those when playing a standard CD.

Programmed CD/MP3 playback

Up to 64 tracks can be programmed to the internal memory in any order. You may also store the same track more than once.

1 In stop mode, press the **MEMORY/CLOCK** button **P-O1** will show in the display.

2 Select the desired track or folder by pressing the **<<** or **>>** buttons.

3 When the desired track is chosen, press the **MEMORY/CLOCK** button to store the track.

4 **P-O2** will show in the display. Repeat steps 2 and 3 to select and store up to 64 tracks.

5 To listen to stored tracks, press the **PLAY/PAUSE** button. Use the **<< or >>** buttons to skip through the tracks.

6 To clear the memory, press the **STOP** button twice.

Searching MP3/WMA tracks

```
┌─────────────────────┐
│  ▢ 01    048        │
│          CD         │
└─────────────────────┘
```

↓ press INFO

```
┌─────────────────────┐              ┌─────────────────────┐
│ ♥"A"    ▢ 01  001   │  ─────────▶  │ ♥"B"      02  001   │
│ Apple song          │   press >>   │ Balloon             │
└─────────────────────┘              └─────────────────────┘
```

↓ press INFO

```
┌─────────────────────┐              ┌─────────────────────┐
│ ♥Dir    ▢ 01  001   │  ─────────▶  │ ♥Dir    ▢ 01  001   │
│ Adom  song          │   press >>   │ Good    stuff       │
└─────────────────────┘              └─────────────────────┘
```

Press **PLAY/SCAN** to confirm the selection.

Setting the clock

DON'T FORGET! This unit has its own digital clock when in standby mode. The clock displayed will be synchronized by the DAB signal when the unit is in DAB mode.

To adjust the clock and set the timer, follow the instructions below:(at STANDBY mode)

1 Press the **MEMORY/CLOCK** button for a few seconds and select either 24 hour or 12 hour mode using the **>> / <<** buttons.

2 Press the **MEMORY/CLOCK** button to confirm.

3 The hour digits will begin to flash. Adjust the hours by pressing the **>> / <<** buttons.

4 Press the **MEMORY/CLOCK** button again, and the minute digits will begin to flash.

5 Adjust the minutes by pressing the **>> / <<** buttons. Press the **MEMORY/CLOCK** buttom to confirm

6 The clock of the unit is synchronized when the unit is ON and at DAB mode.

Setting the sleep timer

DON'T FORGET! You need to use the remote control to use this function.

The Sleep Timer is a countdown timer for switching the system to standby mode after a specified time. It enables you to listen to the radio or CD. The Sleep Timer can be set from 90 to 10 minutes.

1 Switch on the system by pressing the **STANDBY** button.

2 Select the desired source by pressing the **FUNCTION** button.

3 Press the **SLEEP** button to set the sleep time. - **SLEEP** and **90** are shown in the display. The system will now play for 90 minutes.

4 To decrease the sleep time , continually press the **SLEEP** button until the desired sleep time is shown.

5 To cancel the sleep timer, press the **SLEEP** button until the display returns to the previous mode.

6 To switch off the system before the sleep time has elapsed, press the **STANDBY** button.

DON'T FORGET! The clock setting will be lost if the power is disconnected.

Note: Pressing the **SLEEP** button at any time will show the time remaining before the unit will switch off.

Setting the timer

DON'T FORGET! You need to use the remote control to use this function.

The timer is used to switch the system ON and OFF at a specified time. It enables you to listen to the DAB/FM radio, CD or AUX device.

1 In **STANDBY** mode press the **TIMER** button."ON TIME" will be shown and the hour digits will begin to flash. Adjust the hour by pressing the **>> / <<** buttons.

2 Press the **TIMER** button to confirm and the minute digits will begin to flash. Adjust the minutes by pressing the **>> / <<** buttons.

3 Press the **TIMER** button to confirm and "OFF TIME" will be shown. Follow the same procedure as in steps 1 and 2 to set the Timer OFF time, then press the **TIMER** button to confirm.

4 The function mode will cycle as below :

$$\rightarrow DAB \longrightarrow FM \longrightarrow CD \longrightarrow AUX$$

Select the desired source by pressing the **>> / <<** buttons and press the **TIMER** button to confirm.

5 The volume level will be shown. Select the level by pressing the **>> / <<** buttons and press the **TIMER** button to confirm.

ESP

Electronic Shock Protection
This feature helps to eliminate any break in the
playback of the disc due to errors or imperfections.

Mute

1 Press the **MUTE** button on the remote
control to turn off the sound. MUTE will flash
in the display.

2 Press the **MUTE** button again to restore
the sound to the previous level.

Preset Equaliser

Choose from: CLASSIC, ROCK, POP, JAZZ, and FLAT.
Press the **EQ** button to cycle through the settings.

Bass

Press **BASS** button on the remote control to turn
bass boost ON/OFF.

Resetting

If you experience any abnormal operation when using
the Micro System, follow the procedure below to
perform a system reset:

1 Remove the mains power lead from the
wall socket.

2 Leave the unit disconnected from the
power supply for 1 minute, then reconnect
and power on the unit.

3 In DAB or FM mode, press the **MEMORY/
CLOCK** button (on the main unit) for 5
seconds. **Factory RESET** will show in the
display. Press the PLAY button to confirm the
reset. All preset memory stations will be
erased when the system is reset

DON'T FORGET! The clock time will be lost
if the power supply is disconnected.

ID3 Tag (Title/Artist/Album) Function

ID3 tag information (Title/Artist/Album) can be displayed when
playing a MP3 or WMA CD by pressing the **INFO** button during
playback.

DON'T FORGET! You need to use the remote
control to use this function.

Note: Only ID3 tag version 1 is supported.

Aux In Device

For music playback from an auxiliary device.

1 Press the **FUNCTION** button repeatedly to
select AUX mode.

2 Connect your device to the **AUX IN** socket on the
front of the unit.

3 Control your device as usual for audio playback.

Problem	Possible cause	What to do
DAB		
Not functioning correctly	Microprocessor malfunction	Refer to reset procedure
Garbled sound	Poor signal	Move aerial wire
Radio		
Noise or sound distorted on FM	Station not tuned properly for FM The FM antenna wire is not extended.	Fine tune FM broadcast station Extend FM wire antenna
No sound in FM mode	Unit not in radio mode Volume is at the minimum position	Press the function button to select radio mode. Adjust the volume level
CD/MP3 Player		
CD Player will not play	Unit not in CD mode CD is not installed or installed correctly	Select CD mode Load a CD and check it is the correct way round.
CD skips while playing	Disc is dirty or scratched	Wipe the disc with a cloth or use another disc
MP3 disc not playing correctly	Poor quality data, wrong type of file i.e. aac, flac, ogg,m4a	try making new copy, check the file type is .MP3 or .WMA
Title/Artist/Album (ID3 Tag) not working correctly	Data not correct on the CD	Re-record the disc, or try another.
MP3 on computer has correct ID3 info but unit does not display it	Version of ID3 not supported	Get ID3 data in ID3 version 1
Aux In		
Sound is quiet	Volume too low on connected device	Increase the volume on connected device

Power Supply (Input)	• 230 - 240V ~ 50 Hz
Power Output	• 2 x 2W RMS
Radio Frequency Coverage	• FM 87.5-108 MHz, DAB 174 - 224MHz
Power consumption	• 25W
Dimensions Unit Speaker	• W170mm X D205mm X H145mm • W154mm X D165mm X H145mm
Remote control	• 2 X 1.5Volt "AAA" batteries

IMPORTANT: This manual contains for-reference-only graphics and information that are subject to change without prior notice.

Safety

Sound Levels

Your hearing is important to you and to us so please take care when operating this equipment. It is strongly recommended that you follow the guidelines in order to prevent possible damage to, or loss of hearing. 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, set the initial volume of the equipment to a low level.

Follow the steps below to ensure that the product can be enjoyed at a comfortable listening level:

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

2 Damage to your hearing is accumulative and irreversible. Any "ringing" or discomfort in the ears indicates that the volume is too loud.

3 Once you have established a comfortable listening level, do not increase the volume level.

General Safety

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 these 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 in accordance with the manufacturer's instructions.

Switch off and remove the mains plug when making or changing any connections.

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

Don't continue to operate the equipment if you are ever in doubt about it working normally, or if it is damaged in any way. Switch it off withdraw the mains plug and consult your dealer.

Don't remove any fixed covers as this may expose you to dangerous voltages.

Don't leave the 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 make sure that other people in your household are conversant with the equipment.

Special arrangements may need to be made for infirm or handicapped people.

Don't obstruct the ventilation vents on the equipment, for example with curtains or soft furnishings.

Overheating will cause damage and shorten the life of the product.

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

Safety

Electrical Information

This Micro system is fitted with a BS1363/A 13 amp plug. If it is not suitable for your supply sockets it must be removed and replaced with an appropriate plug. If the plug becomes damaged and/or needs to be replaced please follow the wiring instructions below. The plug removed must be disposed of immediately. It must not be plugged into a supply socket as this will be an electrical hazard. If the fuse needs to be replaced it must be of the same rating and ASTA approved to BS1362. If the plug is changed, a fuse of the appropriate rating must be fitted in the plug, adapter or at the distribution board. If the fuse in a moulded plug is replaced, the fuse cover must be refitted before the appliance can be used.

Wiring Instructions

The supply cable will be either 2-core or 3-core. Follow the appropriate wiring instructions given below. In both cases ensure that the outer sheath of the cable is firmly held by the cable clamp.
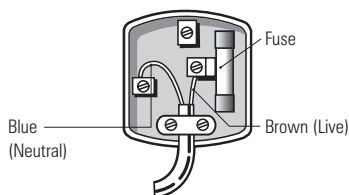
2- Core plug

⚠ **WARNING**: Do not connect either wire to the earth terminal.

▢ This symbol indicates that this 2-core appliance is Class II and does not require an earth connection.

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

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

Fuse
Blue (Neutral)
Brown (Live)

3- Core plug

⚠ **WARNING**: This appliance must be earthed.

The wire coloured green and yellow must be connected to the terminal marked with the letter E, or by the earth symbol ⏚, or coloured green or green and yellow.

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

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

Green & yellow (Earth)
Fuse
Blue (Neutral)
Brown (Live)
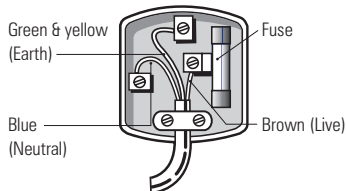
WEEE

This appliance is labelled in accordance with European Directive 2002/96/EG concerning used electrical and electronic appliances (Waste Electrical and Electronic Equipment - WEEE). The guideline determines the framework for the return and recycling of used appliances.

Goodmans