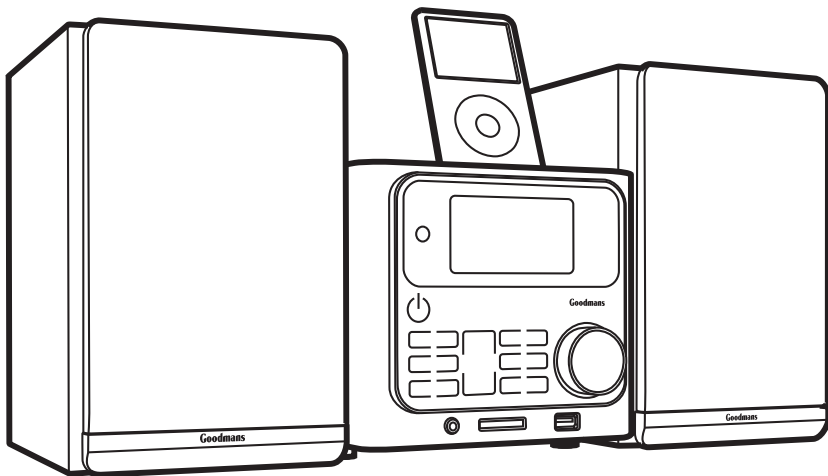# Goodmans

GMC1502WF Wi-Fi/DAB Micro System
with Universal Dock for iPod
User Guide

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

Introduction

Thank you for choosing this Goodmans Wi-Fi / DAB Micro System with Universal Dock for iPod. Not only can you listen to all your favourite internet radio stations, but you can also listen to DAB Radio and play music directly from your iPod or PC.

It's really simple to use: you can fully operate your iPod or PC directly from the control panel or from the Remote Control. You can even connect auxiliary devices to it.

Throughout this User Guide, the Wi-Fi / DAB Micro System with Universal Dock for iPod 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 section on page 62 before using the Micro System. This appliance is for household use only.

Made for iPod

An audio system that allows docking of an iPod and which fully supports the iPod menu system.

The Micro System features a CD player allowing playback of all your CD, CD-R and CD-RW discs.

DAB digital radio

The Micro System features both DAB and FM radio functions allowing you to listen to DAB and FM radio stations. Stations can be easily preset for ease of access.

WiFi Enabled

The Micro System allows you to listen to internet radio stations when connected to a broadband router with a current subscription. Connecting to a wireless network is easy using the built in network connection wizard.

Plays Windows Media™

The Micro System can stream music files from your PC.

SD READER

The Micro System can playback music from USB, SD and MMC storage media.

What you need to know before you setup

Before you are able to use the internet radio, you will need the following items:

- A broadband internet connection.

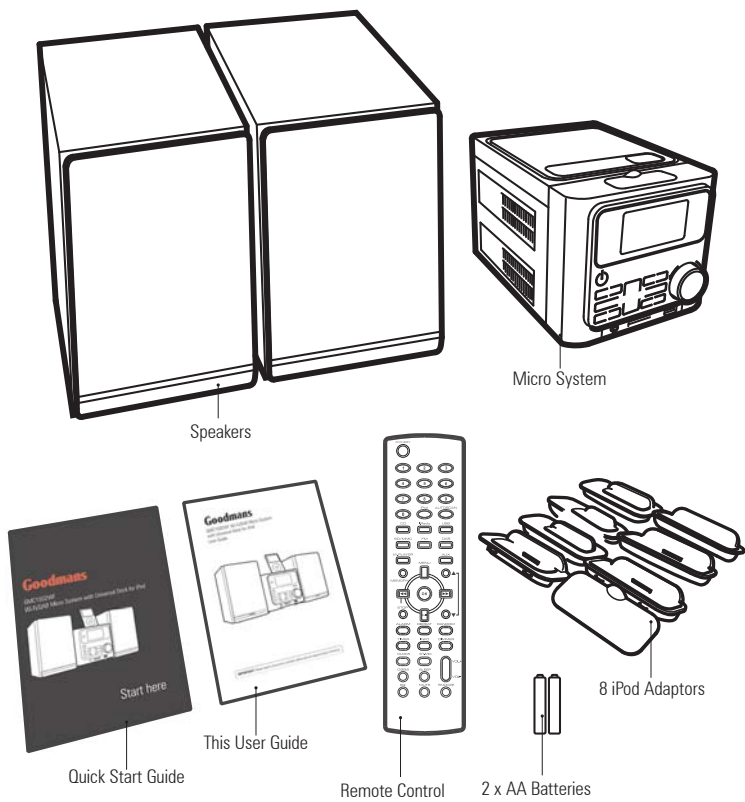- A wired/wireless access point or router connected to your broadband internet connection.

If your wireless network is configured to use Wired Equivalent Privacy (WEP) or Wi-Fi Protected Access (WPA) data encryption, you will need to know the WEP or WPA code so that you can setup your internet radio to communicate with your wireless network.

Consult your network provider for your WEP or WPA codes.

Before continuing, make sure that your wired/wireless access point or router is powered On, and connected to your broadband internet connection.

Consult the manufacturer's guide supplied with your wired/wireless access point or router if you are unsure how to do this.
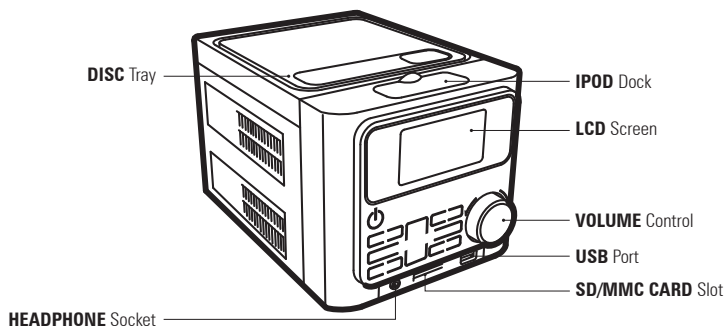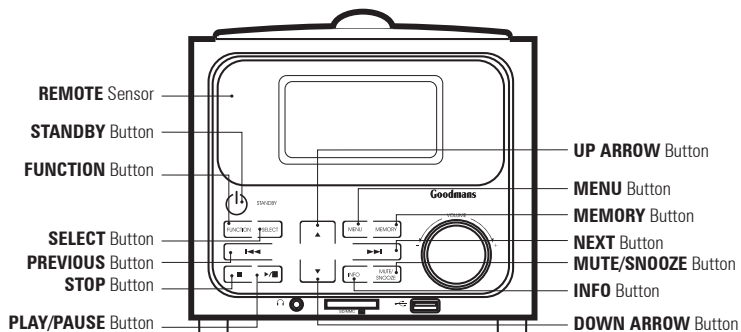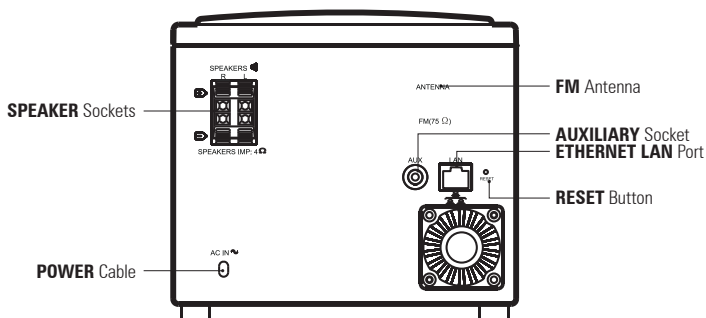
What's in the box?

Speakers

Micro System

Quick Start Guide

This User Guide

Remote Control

2 x AA Batteries

8 iPod Adaptors

Contents

01 Your Micro System

Front

REMOTE Sensor

STANDBY Button

FUNCTION Button

UP ARROW Button

MENU Button

MEMORY Button

SELECT Button

PREVIOUS Button

NEXT Button

STOP Button

MUTE/SNOOZE Button

INFO Button

PLAY/PAUSE Button

DOWN ARROW Button

DISC Tray

IPOD Dock

LCD Screen

VOLUME Control

USB Port

SD/MMC CARD Slot

HEADPHONE Socket

Rear

SPEAKER Sockets

FM Antenna

AUXILIARY Socket

ETHERNET LAN Port

RESET Button

POWER Cable

Remote Control

STANDBY Button

NUMERIC Buttons

iPOD Button
CD Button
iRADIO Button

SD/MMC Button
FM Button

M.PLAYER Button
MENU Button
MEMORY Button

PREVIOUS Button

STOP Button
PLAY/PAUSE Button

ALARM Button
REPEAT Button

TIMER Button

CLOCK Button
ST.MO Button

DBBS Button

EQ Button

AUTOSCAN Button
USB Button

DAB Button

AUX Button

UP ARROW Button

NEXT Button
OK Button

DOWN ARROW Button

RANDOM Button

DIMMER Button
INFO Button

VOL + Button
VOL - Button

SLEEP Button

SNOOZE Button
MUTE Button
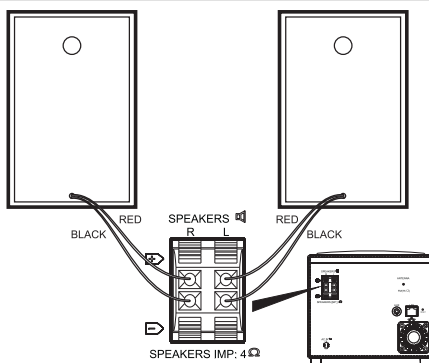
1 **Connecting the Speakers**

Connect the left and right speakers to the Micro System. The red wires should be connected to the red sockets and the black wires to the black sockets on the rear of the Micro System.
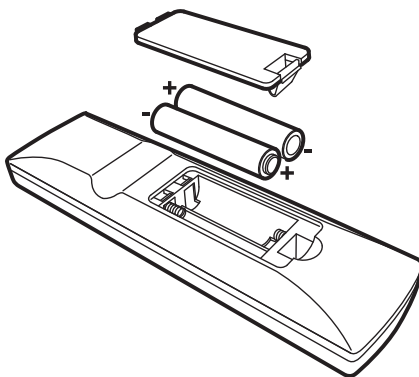
RED   SPEAKERS   RED
BLACK   R   L   BLACK

SPEAKERS IMP: 4Ω

2 **Using the Remote Control**

Insert the batteries (supplied) into the Remote Control, observing the polarity marked on the base of the battery compartment.

To use the Remote Control, simply direct it towards the front of the Micro System and press the desired buttons.

DON'T FORGET! When replacing the batteries make sure that you use the same size and type.

3 **Connecting to your Broadband Router**

If you do not have a Wireless Broadband Router, you must connect the Micro System to the Broadband Router using an RJ45 Ethernet cable (not supplied).
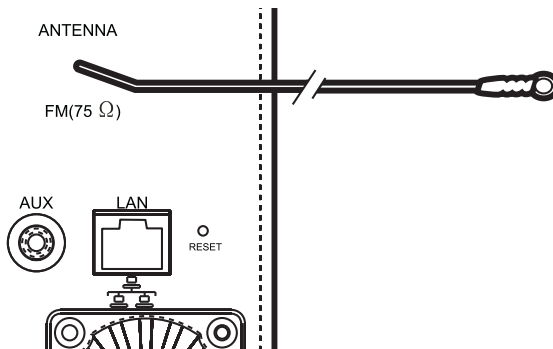
Connect one end of the RJ45 Ethernet cable into an available socket on your Broadband Router. Connect the remaining end of the cable to the Ethernet LAN Port on the rear of the Micro System.
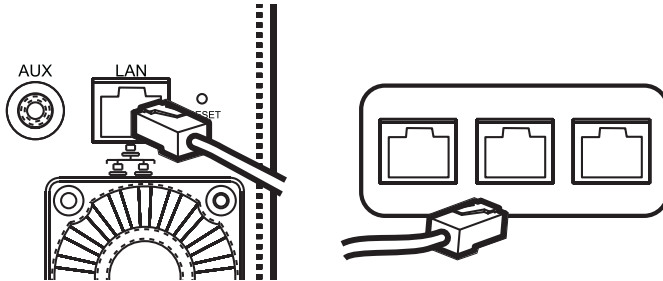
4 **Radio Reception**

To ensure the FM Radio reception is as clear as possible, unwrap the FM Antenna and secure in a vertical position.

5 **Connecting to External Devices**

The Micro System can be connected to a number of external devices using the Auxiliary Socket on the rear of the Micro System. This requires a 3.5 mm Stereo Cable (not supplied).
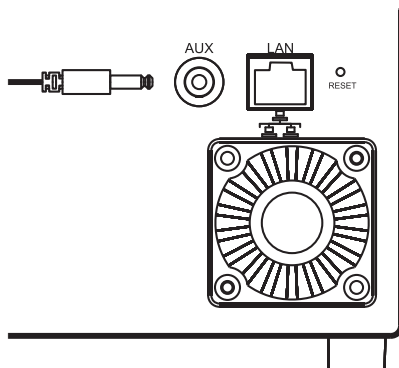
6 **Turn the Micro System On**

Insert the plug into the wall socket and turn the socket on.

Press the **STANDBY** button on the front of the Micro System or the Remote Control to turn the Micro System On.

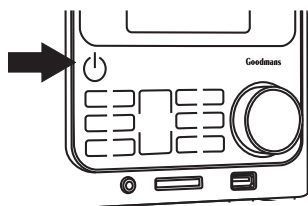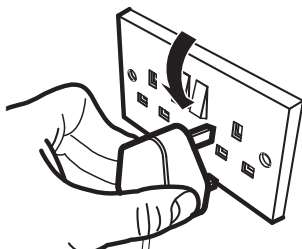### Switching On

1 To turn the Micro System on, press the **STANDBY** button.

2 To turn the Micro System off, press the **STANDBY** button again.

Adjusting the Volume

1 To increase the volume, rotate the **VOLUME CONTROL** on the front of the Micro System clockwise or press the **VOL +** button.

2 To decrease the volume, rotate the **VOLUME CONTROL** anti-clockwise or press the **VOL -** button.

3 You can also press the **MUTE** button to turn the sound off. Press the **MUTE** button again to turn the sound back on again.

Mode Selection

The Micro System has the following modes of operation:

• Internet Radio

• CD

• USB

• Card

• FM

• DAB

• Music Player

• Auxiliary

1 To select a mode, repeatedly press the **FUNCTION** button on the Micro System. The Micro System will cycle through the available modes.

The currently selected mode will be shown on the LCD Screen.

2 Alternatively, press the relevant mode button on the Remote Control.

Clock

The LCD Screen shows the current time during Standby and when listening to music.

1 To set the clock, press the **CLOCK** button on the Remote Control. SET HOUR will be shown on the LCD Screen.
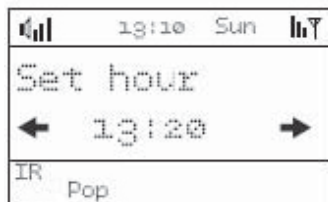
DON'T FORGET! The Clock function can be accessed using the buttons on the control panel of the Micro System. While in Standby mode, press the **MENU** button. Press the **SELECT** button to access the Clock function.

2 Use the |◄◄ or ►►| buttons to adjust the hours.

3 Press the **OK** button. SET MINS will be shown on the LCD Screen.

4 Use the |◄◄ or ►►| buttons to adjust the minutes.

5 Press the **OK** button. SET DAY will be shown on the LCD Screen.

6 Use the ◄◄ or ►► buttons to adjust the day.

7 Press the **OK** button. SET CLOCK TYPE will be shown on the LCD Screen.

8 Use the ◄◄ or ►► buttons to adjust the clock type. You can select 12 hour or 24 hour clock types.

9 Press the **OK** button.

10 The clock has now been set.

Dynamic Bass Boost System (DBBS)

The DBBS feature enhances the bass tone of the music you are listening to.

1 Press the **DBBS** button on the Remote control to turn the DBBS function on or off. When selected, DBBS shows at the bottom of the LCD Screen.

Preset Equaliser (EQ)

The range of sound can be adjusted to suit the different types of music that you are listening to, by changing the preset equaliser settings.

1 To select the Equaliser type, press the **EQ** button on the Remote Control repeatedly until the desired type appears on the bottom of the LCD Screen.

The available settings are:

• FLAT
• ROCK
• POP
• CLASSIC
• JAZZ

Dimmer

The Dimmer function reduces the light intensity of the LCD Screen.

1 Press the **DIMMER** button on the Remote Control to dim the display and again to brighten.

Introduction

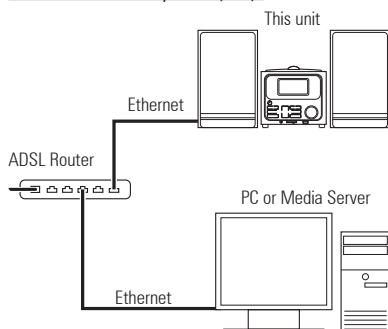Your PC must be connected to the Internet in order to use the Internet Radio.

Before the Micro System can be connected, there has to be a working broadband Internet connection: setup as shown below.

A wireless (Wi-Fi) access point (AP)

This unit

ADSL Router

PC or Media Server
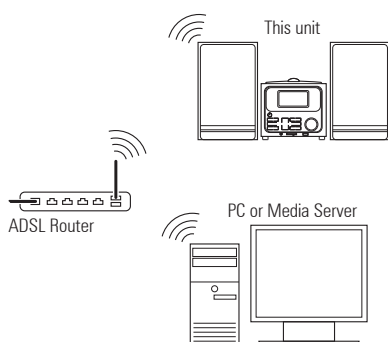
OR

A wired access point (AP)

This unit

Ethernet

ADSL Router

PC or Media Server

Ethernet

DON'T FORGET! If the wireless network is already in use it might have Wired Equivalent Privacy (WEP) or Wi-Fi Protected Access (WPA) data encryption. You will need to enter the WEP or WPA key word into the Micro System so that it can communicate with the router.

The 'access point' in a wireless network has a name known as the 'SSID'. You will need to 'tell' the Micro System the SSID when setting it up for the first time.

Internet Connections

To connect to the Internet using the Setup Wizard:

DON'T FORGET! The following instructions use the Remote Control.

❶ Press the **STANDBY** button.

❷ Press the **I.RADIO** button.

```
 ılıl  12:00   Sun       ▼

      Internet Radio
           Mode

IR
   G Flat              DEES
```
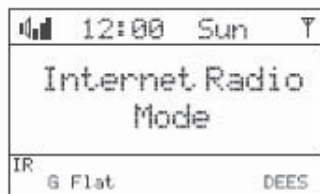
DON'T FORGET! To select items
in the menu use the ▲ or ▼
buttons.

❸ Press the **MENU** button.
❹ Select MAIN MENU then press the
OK button.

📶	13:10 Sun	📶

Station list
>Main menu

IR
 Pop

❺ Select SYSTEM SETUP then press
the **OK** button.

>System setup
Info

IR
 Pop
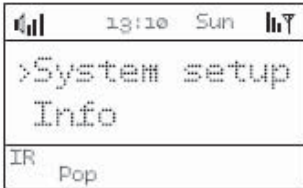
❻ Select INTERNET SETUP then press
the **OK** button.

>Internet setup
Software update

IR
 Pop
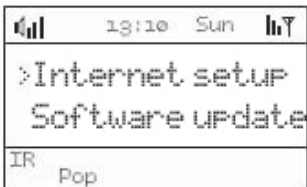
❼ Select WIZARD then press the
OK button. The connection wizard
will search for available Internet
networks within range and list them
on the LCD Screen.

>Wizard
 PC settings

IR
 Pop

❽ Select your network (SSID) and then
press the **OK** button.

DON'T FORGET! If you hide the
SSID of your network you will need
to use the manual connection
method on page 15.

>Network 1
 Network 2

IR
 Pop
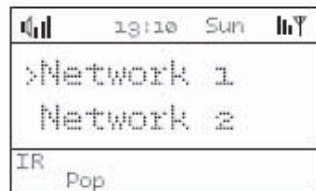
❾ If your network is password
protected, enter the password now.

Key: 01a4
0123456789<⌐C

IR
 Pop

10 To enter your password, select the required characters from one of the ten character sets.

11 Use the ▲ and ▼ buttons to select a character set.

12 Use the ◄◄ or ►► buttons to highlight a character in the character set.

13 Press the **OK** button to select a character.

14 When all the characters have been entered for the password, use the ◄◄ or ►► buttons to highlight the ↵ symbol.

15 Press the **OK** button.

16 The Micro System will try to connect to your Network and once the password is confirmed, CONNECTED will display on the LCD Screen. You are now connected to the network.

To connect to the Internet manually:

1 Press the **STANDBY** button

2 Press the **I.RADIO** button.

3 Press the **MENU** button.

4 Select SYSTEM SETUP and then press the **OK** button.

```
 📶      13:10  Sun   📶
>System setup
 Info
IR   Pop
```

5 Select INTERNET SETUP and then press the **OK** button.
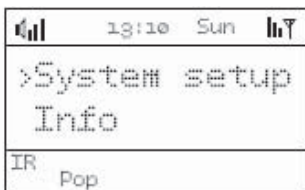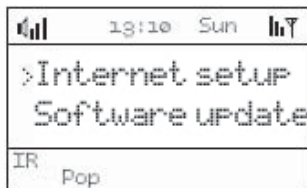
```
 📶      13:10  Sun   📶
>Internet setup
 Software update
IR   Pop
```

6 Select MANUAL SETTINGS and then press the **OK** button.

```
 📶      13:10  Sun   📶
 Wlan region
>Manual setting
IR   Pop
```

7 Select WIRED or WIRELESS then press the **OK** button.

```
 📶      13:10  Sun   📶
 Wired
>Wireless
IR   Pop
```

8 Select DHCP ENABLE or DHCP DISABLE and then press the **OK** button.

```
 📶      13:10  Sun   📶
 DHCP enable
>DHCP disable
IR   Pop
```
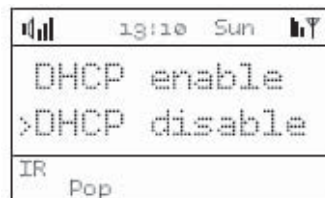
⑨ Enter your network name (SSID), refer to instructions on page 14 for more information on inputting characters.

⑩ Use the ▲ and ▼ buttons to select a character set.

⑪ Use the |◄◄ or ►►| buttons to highlight a character in the character set.

⑫ Press the **OK** button to select a character.

⑬ When all the characters have been entered for the password, use the |◄◄ or ►►| buttons to highlight the ↵ symbol.

⑭ Press the **OK** button.

```
📶      13:10  Sun  ｈＹ

SSID:my netwo
0123456789<↵C

IR
    Pop
```

⑮ Select OPEN, WEP, WPA or WPA2 according to your security settings and then press the **OK** button.

```
📶      13:10  Sun  ｈＹ

>OPEN
 WEP

IR
    Pop
```
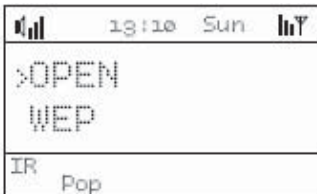
⑯ Enter the password now with reference to instructions on page 14. You will then be connected to the network.

```
📶      13:10  Sun  ｈＹ

Key: 0134
0123456789<↵C

IR
    Pop
```
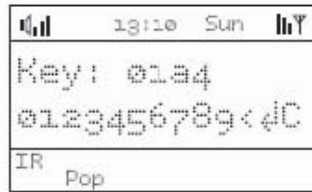
To view your current network setting:
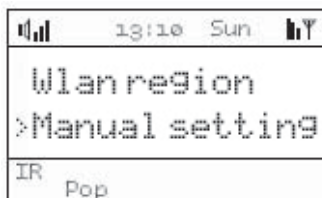
❶ Press the **STANDBY** button.

❷ Press the **I.RADIO** button.

❸ Press the **MENU** button.
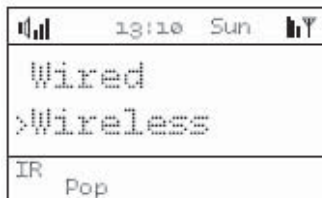
❹ Select SYSTEM SETUP and press the **OK** button.

❺ Select INTERNET SETUP and then press the **OK** button.
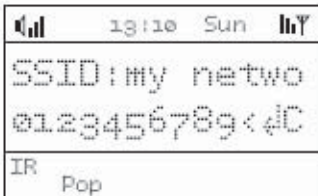
❻ Select VIEW SETTINGS and then press the **OK** button.

```
📶      13:10  Sun  ｈＹ

 PC settings
>View settings

IR
    Pop
```
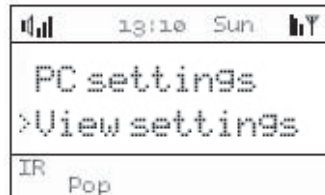
❼ Select one of the items below and then press the **OK** button to view their current settings:

• Active Adapter (wired/wireless)

• MAC Address

• DHCP (enable/disable)

• PC Settings (Username and Password)

• SSID

- IP Settings (IP address, subnet mask, gateway address, primary DNS and secondary DNS)

- WLAN region

Using Shared Media (Universal Plug and Play – UPnP)

> **DON'T FORGET!** For media streaming to work, your PC must be switched on, with Windows Media Player launched.

To setup media sharing via Windows Media Player (WMP):

Media sharing uses Windows Media Player (WMP) 11 and above as the media server. This mode does not require any setting in the Micro System, but the PC needs to be configured to allow the Micro System to access the media. You will only have to do it once, following the instructions below.

1 Make sure your PC is on the same network (wired or wireless) that will be used to share music with the Micro System. Refer to page 13 for more information on Internet setup.

2 Press the **STANDBY** button.

3 On your PC, launch Windows Media Player.

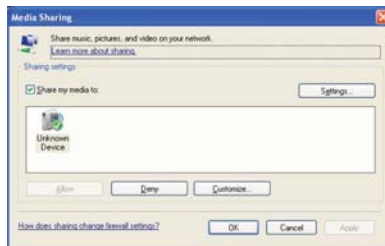4 Add the audio files that you want to share with the Micro System to the media library (in **LIBRARY** > **ADD TO LIBRARY**).

5 In the WMP main window, click on Library, then Media Sharing. The following screen appears:

6 The Micro System is shown as an "unknown device". Select this "**UNKNOWN DEVICE**", click **ALLOW** then click on **OK**.

The PC is now ready to stream music to the Micro System. Refer to Media Player on page 32 for more information on streaming music.

Setting up Shared Folders

The Micro System can access a Shared Folder/Media on your PC and play back music files stored in it. To do so, Shared Folder can be setup on your PC or via media sharing with the UPnP (Universal Plug and Play) feature of your PC.

Windows XP Pro and Windows Vista users should select the simple file sharing option from Windows Explorer. (For further information refer to the help system supplied with Windows XP Pro and Windows Vista).

Configure a shared folder:

To setup your shared folders, complete the following procedure on you PC.

1 Click on the **START** menu, then click on **MY COMPUTER**.

2 Browse to the folder where your audio files are stored.

3 Using the Mouse, right click on the folder and select **SHARING AND SECURITY**.

4 In the **NETWORK SHARING AND SECURITY** section, tick the **SHARE THIS FOLDER ON THE NETWORK** box.

5 Enter a share name. An example is shown below using Windows XP.
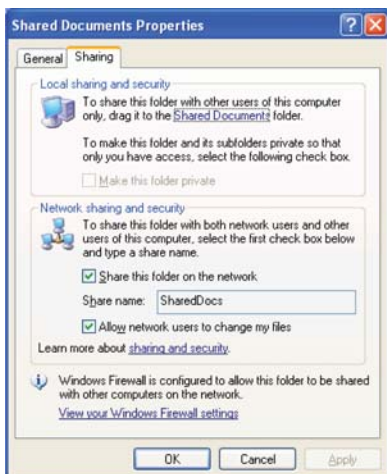
DON'T FORGET! Allow network users on the network must also be selected.

6 Click the **APPLY** button.

7 Click the **OK** button to close the window.

8 The folder icon will change, to visually show you that the folder is shared.

Store the username and password in the Micro System:

DON'T FORGET! Before the Micro System can stream music from your PC, you need to enter the username and password for the shared folder you have created. For the following instructions, use the Remote Control.

1 Press the **STANDBY** button to turn on the Micro System.

2 Press the **I.RADIO** button.

3 Press the **MENU** button. Select MAIN MENU and press the **OK** button.

```
╓╖┐         13:10  Sun  ║╷╖
    Station list
  >Main menu
IR
      Pop
```

④ Select SYSTEM SETUP and press the **OK** button.

```
╓╖┐         13:10  Sun  ║╷╖
  >System setup
   Info
IR
      Pop
```
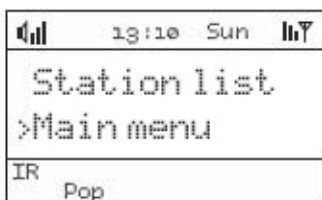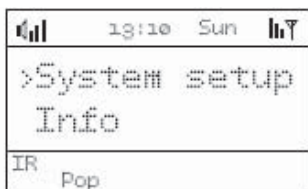
⑤ Select INTERNET SETUP and press the **OK** button.

```
╓╖┐         13:10  Sun  ║╷╖
  >Internet setup
   Software update
IR
      Pop
```
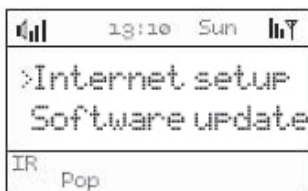
⑥ Select PC SETTINGS and then press the **OK** button.

```
╓╖┐         13:10  Sun  ║╷╖
  >Wizard
   PC settings
IR
      Pop
```
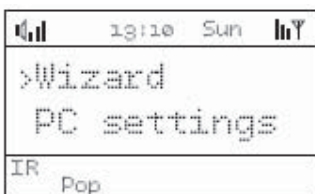
⑦ Select the USER NAME or PASSWORD and then press the **OK** button. Make sure you enter the USERNAME and PASSWORD in the corresponding menu.

⑧ Use the ▲ and ▼ buttons to select a character set.

⑨ Use the ◄◄ or ►► buttons to highlight a character in the character set.

⑩ Press the **OK** button to select a character.

⑪ When all the characters have been entered for the password, use the ◄◄ or ►► buttons to highlight the ↵ symbol.

⑫ Press the **OK** button.

```
╓╖┐         13:10  Sun  ║╷╖
   User Name
  >Password
IR
      Pop
```
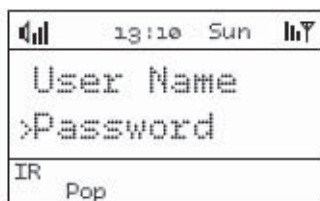
The PC is now ready to stream music to the Micro System.

Refer to Media Player on page 32 for more information on streaming music.

While using the Internet Radio, you will need to navigate the following menu system.
Use the ▲ or ▼ buttons to scroll through the menu system and the **OK** button to
confirm your selections.

iRadio

Menu

Last Listened
Station List
Main Menu

System Setup
Info

My Favourites
Stations
Podcasts
My Added Stations
Help

Location
Genre
Search Stations
Popular Stations
New Stations

Location
Genre
Search Podcast

Get Access Code
FAQ

Internet Setup
Software Update

Wizard
PC Settings
View Settings
Wlan Region
Manual Settings

Network 1
Network 2
(Rescan)
(Wired)
(Manual Config)

Username
Password

Most of Europe*
USA
Canada

Wired
Wireless
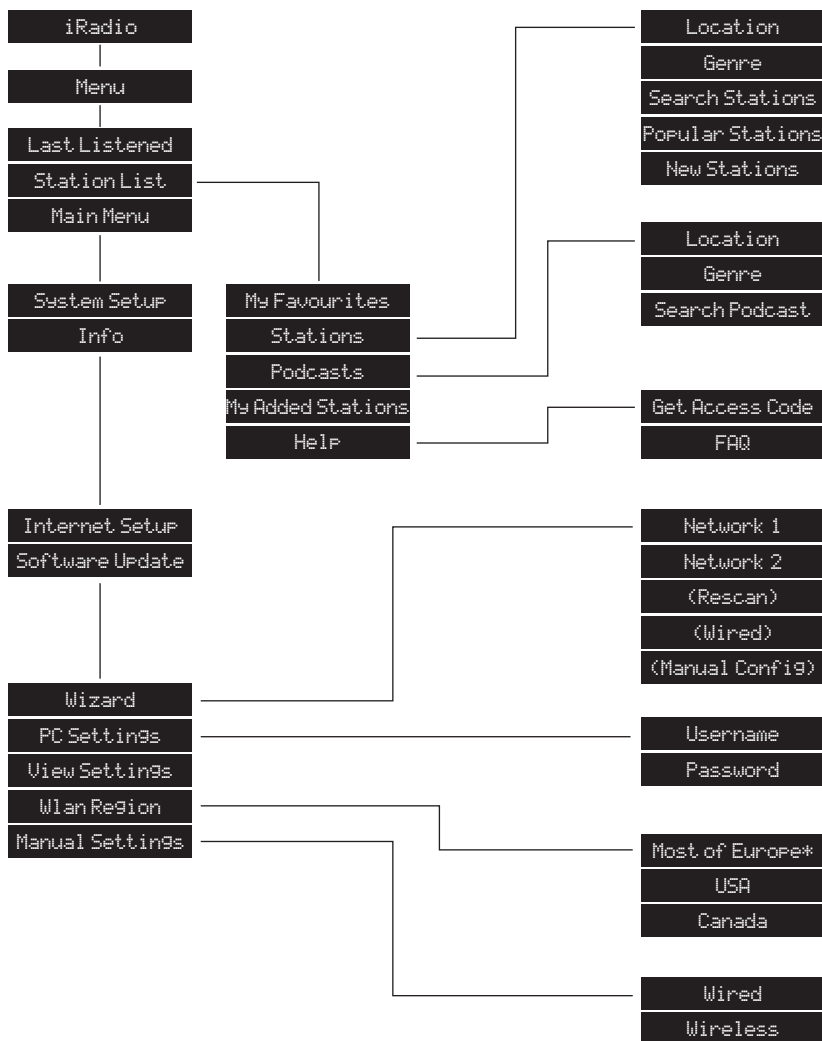
Listening to Internet Radio

To access Internet radio mode:

> **DON'T FORGET!** The following instructions describes how to access the Internet Radio using the Remote Control.

① Press the **I.RADIO** button.

To browse and listen to an Internet Radio station:

② In i.Radio, press the **MENU** button.

③ Select STATION LIST and then press the **OK** button.
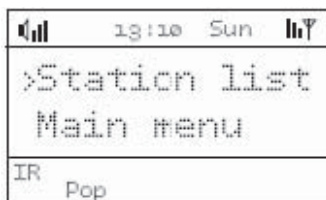
④ Select STATIONS and then press the **OK** button.
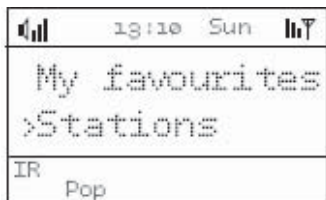
⑤ The Internet Radio stations are categorised according to:

• Location – You can search for radio stations by location, anywhere in the world, where radio stations are being broadcast.

• Genre – Depending on your taste of music you can narrow down your search to the type of music you like, for example RnB, Pop, Jazz etc.

• Search Station – You can search for the radio station by entering the name of the radio station.

• Popular Station – The internet radio will connect to a radio database which serves many users in many countries, which are chosen as popular stations.

• New Stations – You can search for stations which are new.

⑥ Select a category.

⑦ Select a station.

⑧ Press the **OK** button to start listening to the internet radio station.

To browse and listen to a Podcast:

Podcasts are recordings or highlights of previous broadcasts.

① In i.Radio mode, press the **MENU** button.

② Select STATION LIST and then press the **OK** button.

```
dil        13:10   Sun   hï
>Station list
 Main menu
IR
    Pop
```

3 Select PODCASTS and then press the **OK** button.

```
dil        13:10   Sun   hï
 Stations
>Podcasts
IR
    Pop
```
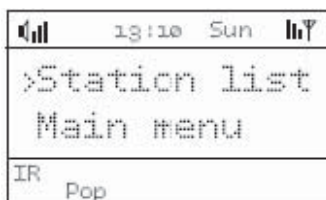
4 The PODCAST listing is categorised according to:

• Location – You can search for podcast stations by location anywhere in the world where radio stations are being broadcast.

• Genre – Depending on your taste of music you can narrow down your search to the type of music you like for example RnB, Pop, Jazz etc.

5 Select a category.

```
dil        13:10   Sun   hï
 Location
>Genre
IR
    Pop
```

6 Once in sub-category, select a Podcast.

7 Press the **OK** button to start listening to the Podcast.

To search for an Internet Radio Station:

1 In i.Radio mode, press the **MENU** button.

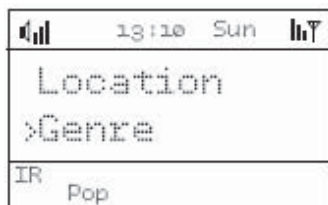**2** Select STATION LIST and then press the **OK** button.

```
dil        13:10   Sun   hï
>Station list
 Main menu
IR
    Pop
```

3 Select STATIONS and then press the **OK** button.

```
dil        13:10   Sun   hï
 My favourites
>Stations
IR
    Pop
```
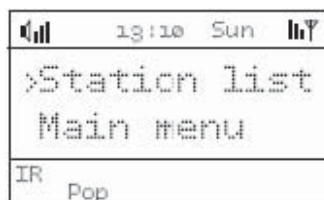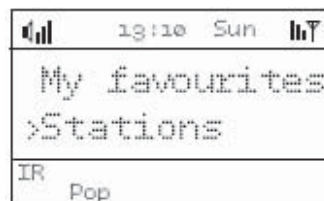
4 Select SEARCH STATIONS and then press the **OK** button.

```
dil        13:10   Sun   hï
 Genre
>Search stations
IR
    Pop
```
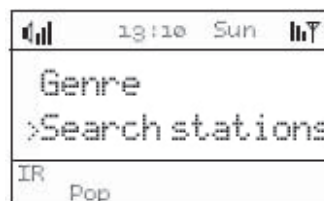
5 Enter the station name.

6 Use the ▲ and ▼ buttons to select a character set.

7 Use the |◀◀ or ▶▶| buttons to highlight a character in the character set.

8 Press the **OK** button to select a character.

9 When all the characters have been entered for the password, use the |◀◀ or ▶▶| buttons to highlight the ↵ symbol.

10 Press the **OK** button.

```
📶        13:10  Sun   ⣿▼

Search:
ABCDEFGHIJ<⌫C
IR
   Pop
```
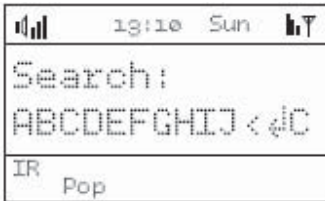
11 Press the **OK** button to start the search.

DON'T FORGET! You can also search for stations by entering the first character of the station name. For example, to search for all stations beginning with "B", select the "B" character and press the **OK** button.

To search for a Podcast:

1 In i.Radio mode, press the **MENU** button.

2 Select STATION LIST and then press the **OK** button.

```
📶        13:10  Sun   ⣿▼

>Station list
 Main menu
IR
   Pop
```

3 Select PODCASTS and then press the **OK** button.

```
📶        13:10  Sun   ⣿▼

 Stations
>Podcasts
IR
   Pop
```

4 Select SEARCH PODCASTS and then press the **OK** button.

```
📶        13:10  Sun   ⣿▼

 Genre
>Search Podcast
IR
   Pop
```

5 Enter the Podcast name.

6 Use the ▲ and ▼ buttons to select a character set.

7 Use the |◀◀ or ▶▶| buttons to highlight a character in the character set.

8 Press the **OK** button to select a character.

9 When all the characters have been entered for the password, use the |◀◀ or ▶▶| buttons to highlight the ↵ symbol.

10 Press the **OK** button.

```
◀‖     13:10  Sun   ‖▼
Search:
ABCDEFGHIJ<¿C
IR
    Pop
```

11 Press the **OK** button to start the searching.

DON'T FORGET! You can also search for podcasts by entering the first character of the podcast name. For example, to search for all podcasts beginning with "B", select the "B" character and press the **OK** button.

To listen to one of the last 10 previously selected stations:

1 In i.Radio mode, press the **MENU** button.

2 Select LAST LISTENED on the LCD Screen.

```
◀‖     13:10  Sun   ‖▼
>Last listened
 Main menu
IR
    Pop
```
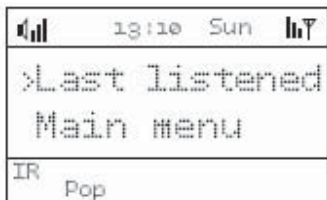
3 Press the **OK** button.

4 Select a station on the LCD Screen.

5 Press the **OK** button to start listening to the radio station.

To review and listen to any recently added Internet Radio Stations:

Newly added Internet Radio Stations are automatically updated in the Micro System via the Internet, when connected. For example a new radio station that has started to broadcast on the internet will be shown in the NEW STATIONS category.

1 In i.Radio mode, press the **MENU** button.

2 Select STATION LIST and then press the **OK** button.

```
◀‖     13:10  Sun   ‖▼
>Station list
 Main menu
IR
    Pop
```
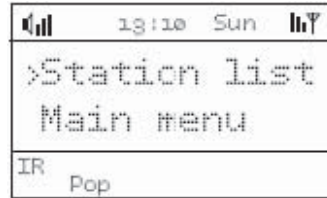
3 Select STATIONS and then press the **OK** button.

```
◀‖     13:10  Sun   ‖▼
 My favourites
>Stations
IR
    Pop
```
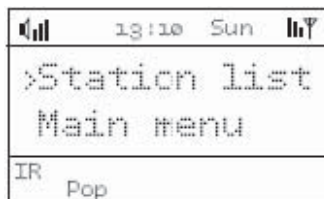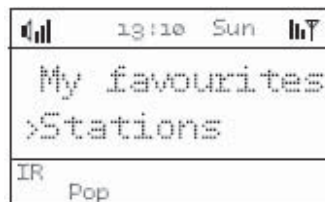
4 Select NEW STATIONS and then press the **OK** button.

```
┌─────────────────────────────┐
│ ❚ıll    18:10  Sun    ll Ÿ   │
│  Popular station            │
│ >New  stations              │
│ IR                          │
│      Pop                    │
└─────────────────────────────┘
```
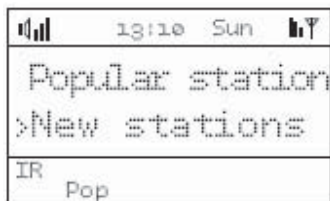
❺ Select a recently added internet radio station and then press the **OK** button to start listening to the radio station.

To view station information:

While listening to a station or Podcast, press the **INFO** button repeatedly to cycle through the station/Podcast information. This will scroll along the bottom line of the LCD Screen.

Internet Radio:
• Playback status

• Signal strength (indicated by solid bars; more bars indicate a stronger signal)

• Time/date

• Format

• Reliability

• Description

• Genre

• Location

Podcast:
• Playback status

• Signal strength (indicated by solid bars; more bars indicate a stronger signal)

• Location

• Episode description

• URL

• Show description, format, language, city, state, country and title

Manage your stations – Wi-Fi Radio Portal

The wi-fi radio portal has thousands of internet radio stations and Podcasts to choose from. The Frontier Silicon Radio Portal will help you to organise your listening by creating a list of favourites for your unit.

Simply logon to Frontier Silicon Internet Radio Portal (www.wifiradio-frontier.com), using the internet browser to add new stations and create a list of My Favourite stations.

To register in the Internet Radio Portal:

❶ In i.Radio mode, press the **MENU** button.

❷ Select STATION LIST and then press the **OK** button.

```
┌─────────────────────────────┐
│ ❚ıll    18:10  Sun    ll Ÿ   │
│ >Station  list              │
│  Main  menu                 │
│ IR                          │
│      Pop                    │
└─────────────────────────────┘
```
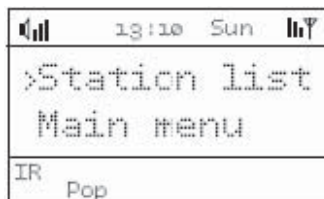
❸ Select HELP and then press the **OK** button.

④ Select GET ACCESS CODE and then press the **OK** button.
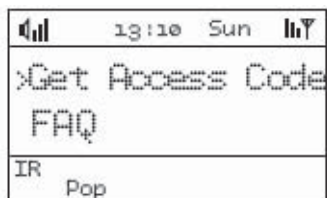
DON'T FORGET! Make a note of the access code.

⑤ On your PC click on **START MENU**.

⑥ Click on **INTERNET EXPLORER**.

⑦ Once Internet Explorer has loaded, logon to www.wifiradio-frontier.com.

⑧ Click on **REGISTER HERE** from the left menu.

⑨ Create a user account by following the instructions on the web page (click on **REGISTER HERE**). Enter your access code here as noted in step 4.

To mark stations as your favourites:

❶ On your PC click on the **START MENU**.

❷ Click on **INTERNET EXPLORER**.

❸ Once the Internet Explorer has loaded, logon to Frontier Silicon Internet Radio Portal (www.wifiradio-frontier.com).

❹ Browse and find your favourite stations from the left menu. Mark your favourite stations by clicking on 💙➕ next to the station name.

DON'T FORGET! Your favourite stations will be synchronised with the Micro System automatically.

5 In i.Radio mode press the **MENU** button.

6 Select STATION LIST and then press the **OK** button.

```
╖ᴵᴵ        13:10  Sun   ▌Ψ

>Station list

  Main menu

IR
     Pop
```
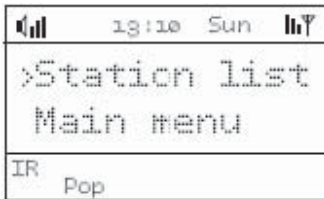
7 Select MY FAVOURITES and then press the **OK** button.

```
╖ᴵᴵ        13:10  Sun   ▌Ψ

>My favourites

  Stations

IR
     Pop
```
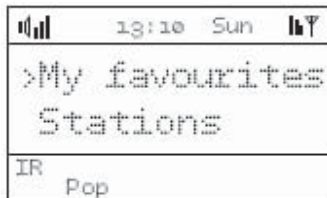
8 Select a favourite station and then press the **OK** button to start listening.

To add new stations that are not on the list:

1 On your PC click on the **START MENU**.

2 Click on **INTERNET EXPLORER**.

3 Once the Internet Explorer has loaded, log on to Frontier Silicon Internet Radio Portal (www.wifiradio-frontier.com).

4 In the main page of the Internet click on ➡ under My added stations.

```
▦  My added stations

Enter the information for the station you would like to
The station will be immediately added as one of your
Station name        [                    ]
Station URL         [                    ]
                    (for example, http://62.168.116
Location            [                    ]
                    (for example, Canada, German
Genre               [                    ]
                    (for example, Classical, Dance, F
Type:               MP3            ▾ ➡
```

5 In i.Radio mode press the **MENU** button.

6 Select STATION LIST and then press the **OK** button.

```
╖ᴵᴵ        13:10  Sun   ▌Ψ

>Station list

  Main menu

IR
     Pop
```
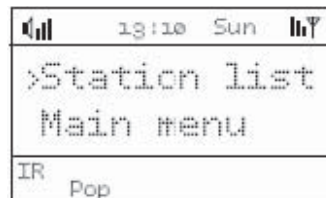
7 Select MY ADDED STATIONS and then press the **OK** button.

```
╖ᴵᴵ        13:10  Sun   ▌Ψ

>My Added Stati

  Help

IR
     Pop
```
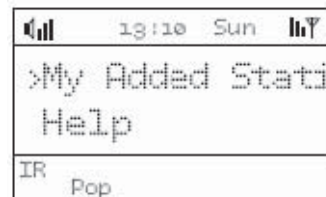
8 Select MY ADDED STATION and then press the **OK** button to start listening.

To store a station as a preset:

1 Press the **MEMORY** button, while listening to a desired station.

2 Use the |◀◀ or ▶▶| buttons to select a preset number.

```
📶      13:10  Sun   📶

  ←  Preset 01  →

IR
    Pop
```
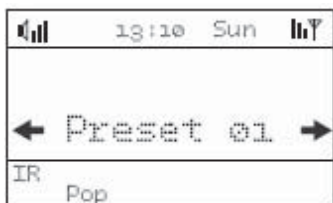
3 Press and hold the **OK** button to save the station as a preset station.

DON'T FORGET! If a station is already saved under the selected preset number, then the existing station will be replaced with the new one.

To listen to a preset station:

1 In i.Radio mode, press the **MEMORY** button.

2 Use the |◀◀ or ▶▶| buttons to select a preset number.

3 Press the **OK** button to listen to the selected preset stations.

DON'T FORGET! When in i.Radio mode, you can alternatively press the numeric buttons (**0-9**) to select a preset station.

To get helpful information on the Internet radio:

1 In i.Radio mode, press the **MENU** button.

2 Select STATION LIST and then press the **OK** button.

```
📶      13:10  Sun   📶

  >Station list
  Main menu

IR
    Pop
```

3 Select HELP and the press the **OK** button.

```
📶      13:10  Sun   📶

  My Added Stati
  >Help

IR
    Pop
```
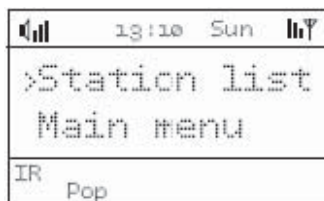
4 Select FAQ and then press the **OK** button.

```
┌─────────────────────────────┐
│ ◀ıl      13:10  Sun    ılľ  │
│                             │
│  Get Access Code            │
│ >FAQ                        │
│ ┌───────────────────────    │
│ IR                          │
│     Pop                     │
└─────────────────────────────┘
```
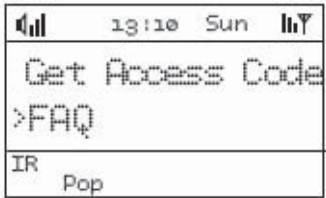
5 Browse the questions available, then press the **OK** button to view the answer.

```
┌─────────────────────────────┐
│ ◀ıl      13:10  Sun    ılľ  │
│                             │
│ >Why do stations            │
│   Why do stations           │
│ ┌───────────────────────    │
│ IR                          │
│     Pop                     │
└─────────────────────────────┘
```
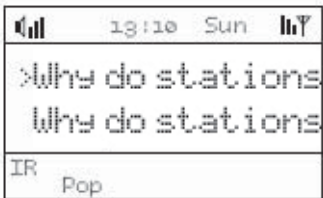
While using the Music Player, you will need to navigate the following menu system. Use the ▲ or ▼ buttons to scroll through the menu system and the **OK** button to confirm your selections.

```
M Player
   │
Shared Media
Shared Folder
   │        └─────────────┐
   │                      │
MSHome: Guest      MSHome: Guest
   │                      │
Music Folder          Music ──────────────── All Music
                      Video                  Genre
                      Pictures               All Artists
                      Playlists ──┐      Contributing Artists
                      <Search>    │          Album Artists
                                  │          Composers
                                  │          Albums
                                  │          Rating
                                  │        Music Playlists
                                  │          Folders
                                  │          <Search>
                                  │
                                  │       All Playlists
                                  └────────── Folders
                                              <Search>
```
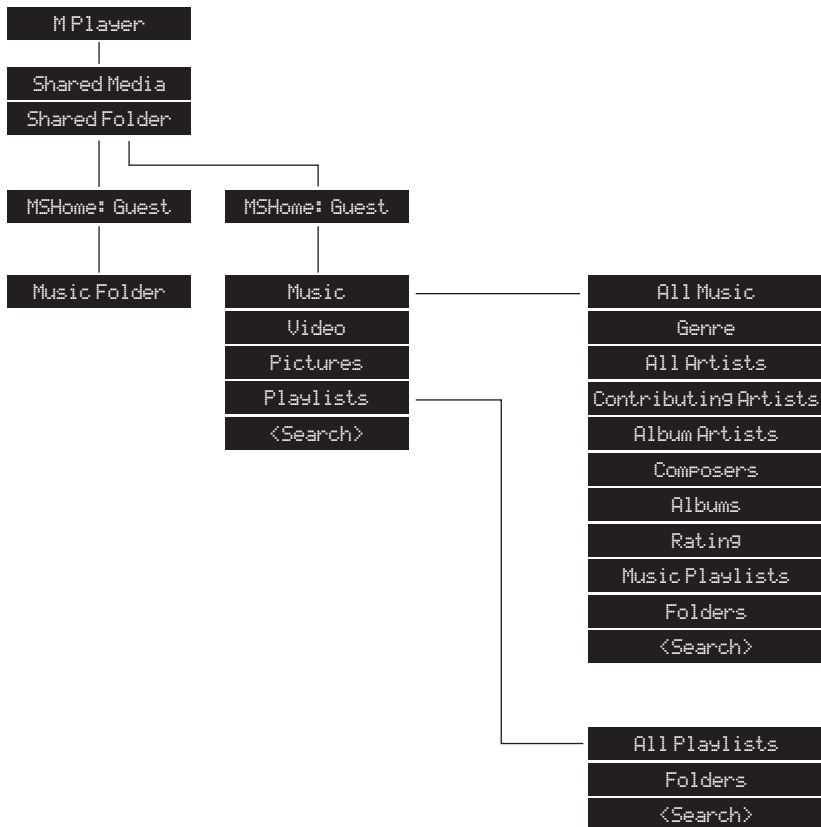
In Music Player mode, you can listen to music files stored in a shared folder/media on your PC or via Media Sharing on your PC.

DON'T FORGET! The following instructions describe how to access Music Player mode using the Remote Control.

1 Press the **M.PLAYER** button.

To play a music file from the shared folder on you PC:

The Micro System can access a Shared Folder/Media on your PC and play back music files stored in it.

DON'T FORGET! Make sure media sharing has been setup on your PC and ensure that the username and password have been configured. See page 20 for more detail.

DON'T FORGET! Make sure your PC is turned on.

1 In M.PLAYER mode, select SHARED FOLDERS.

📶	13:10 Sun	📶
Shared media		
>Shared folders		
MP Pop		
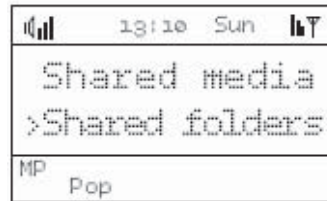
2 Press the **OK** button.

3 Select the desired domain for example "MSHOME". Press the **OK** button.

📶	13:10 Sun	📶
>MSHOME		
Domain 2		
MP Pop		
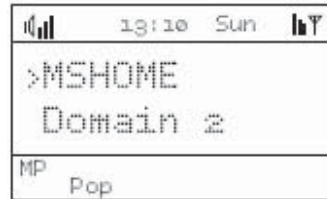
4 Select the required PC (if more than one is available) from the list. Press the **OK** button. Once a domain and PC have been chosen, a list of shared folders in the system is displayed on the LCD Screen.

📶	13:10 Sun	📶
>XP Home		
PC 2		
MP Pop		

5 Select a folder or a file to play.

6 Press the **OK** button to start playback of the selected file.

7 Press the ▶/ **II** button to pause playback.

8 Press the ▶/ **II** button to resume playback.

9 To search for another file for playback in another shared folder or media, press the **MENU** button.

10 Select BROWSE.

```
 ı|ıl        13:10   Sun    ıı Ƴ
>Browse
 Main menu
MP
     Pop
```

11 Select the desired folders or file.

12 Press the **OK** button to start playback of the selected file.

To play a music file from the shared media on your PC:

The UPnP (Universal Plug and Play) lets you play music via your shared media files in Media Player on your PC.

> **DON'T FORGET!** Make sure media sharing has been setup on your PC and ensure that the username and password have been configured. See page 20 for more detail.

1 In M.PLAYER mode, select SHARED MEDIA.

```
 ı|ıl        13:10   Sun    ıı Ƴ
>Shared media
 Shared folders
MP
     Pop
```
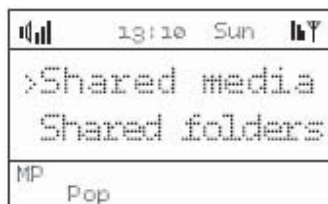
2 Press the **OK** button. The Micro System will connect to your PC.

3 Select the shared media from the list shown on the LCD Screen.

```
 ı|ıl        13:10   Sun    ıı Ƴ
>My PC

MP
     Pop
```
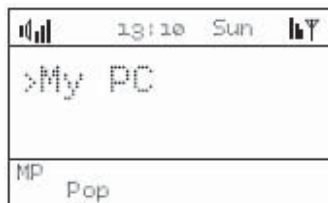
4 Press the **OK** button. The contents of the shared media will be listed on the LCD Screen.

5 Browse for the music folder.

6 Use the I◀◀ or ▶▶I buttons to browse for a music file.

7 Press the **OK** button to start the playback of the selected media as before.

8 Press the ▶/ **II** button to pause playback.

9 Press the ▶/ **II** button to resume playback.

10 To search for another file for playback in another shared folder or media, press the **MENU** button.

11 Select BROWSE.

⑫ Select the desired folders or file.

⑬ Press the **OK** button to start playback of the selected file.

DAB (Digital Audio Broadcasting) is the next generation of radio. DAB uses digital audio compression techniques to transform the source material, for example music and speech into digital code before it is transmitted. The benefits of this are:

• Near CD quality sound

• Interference free reception

• No need to retune

DON'T FORGET! The following instructions describes how to operate the DAB Radio using the Remote Control.

Selecting DAB Radio Mode:

1 Press the **STANDBY** button.

2 Press the **DAB** button.

When you press the **DAB** button the Micro System will automatically begin to scan for DAB radio stations. After the DAB function has initiated, a progress bar will appear on the LCD Screen showing the scan progress.

When the scan is complete, a list of the available DAB stations will be displayed on the LCD Screen in alphabetical order.
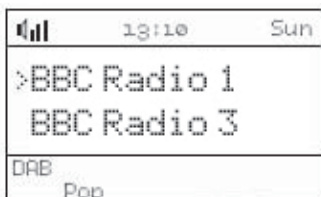
Selecting DAB Stations:

1 In DAB Radio mode, scroll through the available stations. As you scroll, the available station names will appear on the LCD Screen.

2 Press the **OK** button to select a station. The Micro System will tune to the selected station.

Alternatively:

1 In DAB Radio mode, Press the **MENU** button.

2 Select STATION LIST.
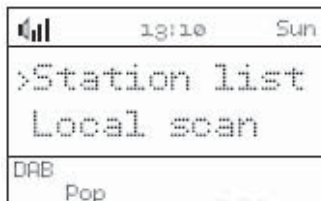
3 Scroll through the available stations. As you scroll, the available station names will appear on the LCD Screen.

4 Press the **OK** button to select a station. The Micro System will tune to the selected station.

Presetting Stations:

The preset function allows you to store your favourite stations for easy access. You can preset up to 10 DAB radio stations in the DAB radio memory.

1 Tune into a DAB station as previously described.

2 Press and hold one of the numeric buttons **(0-9)** to preset the station against the selected preset number.

3 PRESET STORED will appear on the LCD screen when the station is preset.

Alternatively:

1 Tune into a DAB station as previously described. Press the **MEMORY** button.
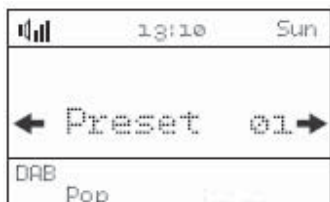
2 Use the ◄◄ or ►► buttons to select a preset number.

```
ı||ıl      13:10      Sun


◄  Preset    01►

DAB
     Pop
```

3 Press and hold the **OK** button to save the station as a preset station. PRESET STORED will appear on the LCD Screen when the station is preset.

DON'T FORGET! If you select a preset number that is already stored with a station, the existing station will be replaced with the new one.

Selecting a Preset Station:

1 While in DAB mode, press the **MEMORY** button.

2 Use the ◄◄ or ►► buttons to select a preset number.

3 Press the **OK** button to listen to the selected preset stations.

4 Alternatively press the numeric buttons (**0-9**) to select a preset stations.

Scanning for Stations:

It may be necessary to retune the DAB Radio if you move it from one location to another, for example when you go on holiday. There are two types of automatic scanning available. These are:

• LOCAL SCAN – retunes the existing stations.

• FULL SCAN – performs a full scan to retune the existing stations and also searches for any new stations available.

1 To perform a local scan, press the **MENU** button.
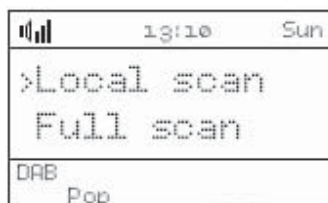
2 Select LOCAL SCAN.

```
ı||ıl      13:10      Sun

>Local scan
 Full scan

DAB
    Pop
```

3 Press the **OK** button. The Micro System will automatically retune all the existing stations. A progress bar will appear on the LCD Screen showing the scan progress.

4 Once the scan is complete, all the available radio stations will be listed on the LCD Screen in alphabetical order.

5 To perform a full scan, press the **MENU** button.

6 Select FULL SCAN.
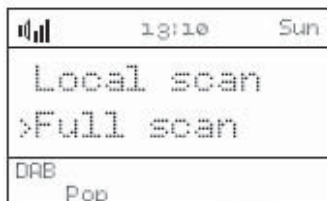
```
📶          13:10      Sun

  Local scan
>Full scan

DAB
    Pop
```

7 Press the **OK** button. The Micro System will automatically retune all the existing stations. A progress bar will appear on the LCD Screen showing the scan progress.

8 Once the scan is complete, all the available radio stations will be listed on the LCD Screen in alphabetical order.

Alternatively:

1 When in DAB mode, press the **AUTOSCAN** button to automatically scan and store all the available DAB stations.

2 Once the scan is complete, all the available radio stations will be listed on the LCD Screen in alphabetical order.

Manually tuning stations:

The Micro System can manually tune to a specific channel or frequency.

1 When in DAB mode, press the **MENU** button.

2 Select MANUAL TUNE. Press the **OK** button.

```
📶          13:10      Sun

  Full scan
>Manual tune

DAB
    Pop
```
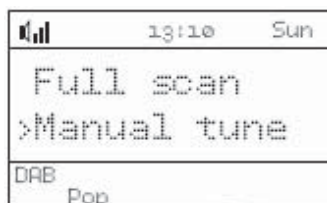
3 Select the channel you want to manually tune. Press the **OK** button to manually tune the channel.

Setting the Dynamic Range Control (DRC) of the DAB Audio Decoder:

The Micro System is fitted with DRC. This function is used to listen to stations at lower volumes while maintaining subtle effects and keeping the dialogue audible. There are three levels of DRC, these are:

• DRC OFF – No DRC is applied

• DRC LOW - 50% compression applied

• DRC HIGH – 100% compression applied

1 In DAB mode, press the **MENU** button.

2 Select DRC. Press the **OK** button.

```
📶          13:10      Sun

  Manual tune
>DRC

DAB
    Pop
```
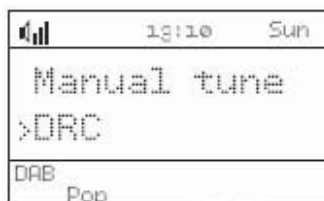
③ Select a DRC level (HIGH, LOW, OFF). Press the **OK** button. The selected DRC level is now applied and you will be returned to the previous menu.

```
┌─────────────────────────────┐
│ ▪▫▫  13:10   Sun            │
│                             │
│  >DRC high                  │
│   DRC low                   │
│ ─────────────────────────── │
│ DAB                         │
│     Pop                     │
└─────────────────────────────┘
```
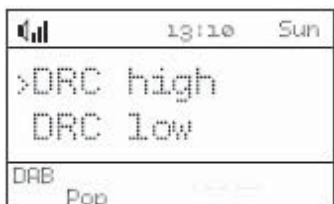
Changing the station order:

This feature lets you select the way DAB stations are listed.

① When in DAB mode, press the **MENU** button.

② Select STATION ORDER. Press the **OK** button.

```
┌─────────────────────────────┐
│ ▪▫▫  13:10   Sun            │
│                             │
│   DRC                       │
│  >Station order             │
│ ─────────────────────────── │
│ DAB                         │
│     Pop                     │
└─────────────────────────────┘
```

③ Select a listing method:

• Alphanumeric - displays the stations in alphabetical then numerical order.

• Ensemble - displays the stations by station type i.e. talk or pop.

• Validity - only displays stations which are available.
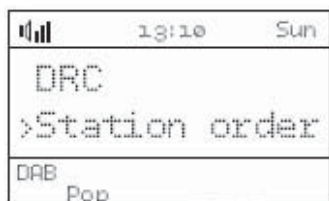
⑤ Press the **OK** button.

DAB Station Information:

When listening to a DAB radio station you can change the information that will appear on the second line of the LCD Screen. There are several types of information that are sent by broadcasters which can be displayed. These are:

• Dynamic Label Segment (DSL) – this is scrolling text information supplied by the broadcaster. Information could be the name of an artist or music title, the DJ's name or the contact details of the radio station.

• Programme Type (PTY) – displays the station program type, for example 'Pop'.

• Multiplex Name – displays the broadcasting area and collection of radio stations on this frequency for example BBC National DAB, Digital 1 Network.

• Time and Date – supplied by the broadcaster.

• Channel and Frequency for example 12B 225.64 MHz.

• Signal Information – the data rate at which the signal is being transmitted.

• Signal Error – provides details of the signal error rate, shown as a number between 0-99. It will not be possible to satisfactorily listen to a DAB radio station with a signal error rate of 30 or above. Try adjusting the aerial or relocating your radio to improve the reception.

```
╷╷╷                 ╷╷╷
▪┃┃┃         13:10         Sun

  Radio Plus
  ▐▌▐▌▐▌▐▌▯▐▌▐▌

DAB
      Pop
```

① To change the information shown on
the second line of the LCD Screen,
press the **INFO** button.

DON'T FORGET! The following instructions describe how to operate the FM Radio using the Remote Control.

Selecting FM Radio Mode:

1 Press the **STANDBY** button.

2 Press the **FM** button to start listening to the FM radio.

Scanning for FM Stations:

1 To automatically search for the next available station, press the **AUTOSCAN** button. The Micro System will automatically search for the next available FM radio station.

2 To search for another station, press the **AUTOSCAN** button again.

3 To manually tune an FM station, press the ▲ or ▼ buttons. Each press of the ▲ or ▼ buttons will increase or decrease the frequency by 0.05 MHz.

DON'T FORGET! When manually tuning, you can fast search by pressing and holding the ▲ or ▼ buttons. Releasing the button stops the search.

Presetting Stations:

The preset function allows you to store your favourite FM stations for easy access. You can preset up to 10 FM radio stations.

1 When in FM mode, use the ▲ or ▼ buttons to scan for the radio station you want to preset.

2 Press and hold one of the numeric buttons **(0-9)** to preset the station against the selected preset number.

3 PRESET STORED will appear on the LCD screen when the station is preset.

DON'T FORGET! Presetting FM radio stations will not overwrite your DAB Radio station presets.

Alternatively:

1 When in FM mode, use the ▲ or ▼ buttons to scan for the radio station you want to preset.

2 Press the **MEMORY** button.

3 Use the I◀◀ or ▶▶I buttons to select a preset number.
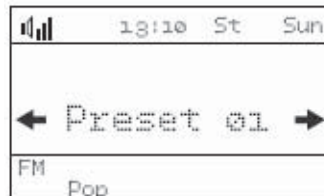
④ Press and hold the **OK** button to save the station as a preset station. PRESET STORED will appear on the LCD Screen once the station is preset.

DON'T FORGET! If you selected a preset number that is already preset with a station, the existing station will be replaced with the new one.


Selecting a Preset Station:

① When in FM mode, press the **MEMORY** button.

② Select a preset number. Press the **OK** button to listen to the selected preset station.

③ Alternatively press the numeric buttons (**0-9**) to select a preset station.

Configure the station scan:

This feature lets you configure the sensitivity of the Micro System to detect stations when performing automatic station scanning.

① When in FM mode, press the **MENU** button.

② Select SCAN SETTINGS. Press the **OK** button.

```
📶        13:10        Sun

>Scan setting
 Audio setting

FM
    Pop
```
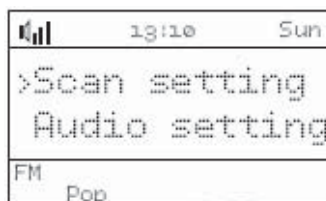
③ Select STRONG STATION or ALL STATIONS. Press the **OK** button.

```
📶        13:10        Sun

>Strong stations
 All stations

FM
    Pop
```
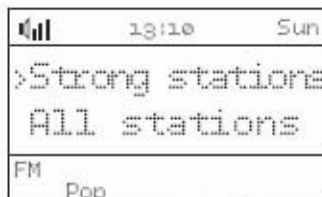
Stereo / Mono Sound:

You can select stereo or mono sound while listening to the FM radio.

① To switch between stereo or mono sound types, press the **ST.MO** button.

② The LCD Screen will show "STEREO" or "MONO" for about 2 seconds to indicate the current mode.

Any iPod can be connected to the Micro System allowing all your favourite songs to be played through the Micro System's speakers. The iPod can be completely controlled by the Micro System and charges when docked.

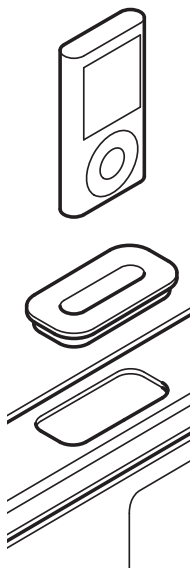**1** To connect an iPod to the Micro System, select the compatible adaptor from one of the 8 iPod Adaptors supplied. The iPod Adaptors have markings on the bottom which clearly identify which iPod they should be used with.

DON'T FORGET! If your iPod is not compatible with any of the supplied iPod Adaptors, use the adaptor supplied with your iPod.

2 Place the iPod Adaptor into the recess on the top of the Micro System and then insert your iPod into the Adaptor.

3 To disconnect the iPod, turn it off and disconnect it from the dock.

DON'T FORGET! Your iPod will charge while docked when the Micro System is in Standby Mode.

The following instructions describe how to operate an iPod when it is connected to the Micro System using the Remote Control.

Selecting iPod Mode:

1 Press the **STANDBY** button.

2 Press the **IPOD** button.

3 To start playback, press the ▶/ II button.

Menu Navigation:

1 To access the iPod menu system, press the **MENU** button.

2 Use the ▲ or ▼ buttons to highlight the menu options.

3 Press the **OK** button to select a menu option.

Compatible Disc Types:

This Micro System supports playback of the following types of CD:

• 8cm/12cm Compact Disc Audio Discs

• 12cm Compact Disc Recordable Discs

• 12cm Compact Disc Re-Writable Discs

Compatible Audio Formats:

This Micro System only supports the playback of the following audio formats:

• MP3

• WMA (Windows Media Audio)

DON'T FORGET! The following instructions describe how to play CDs using the Remote Control.

Playing CDs

Loading CDs:

DON'T FORGET! The Micro System should read the disc information and start playback automatically. As MP3 and WMA discs contain much more information than normal CDs, the Micro System may take longer to read information from them. This is completely normal and is not an indication of any problems with the Micro System.

---

❶ Press the **STANDBY** button.

❷ Press the **CD** button.

❸ Press down on the top of the CD compartment lid to open.
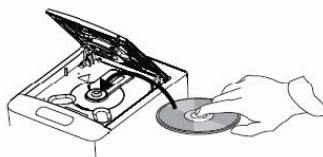
❹ Place the CD in the compartment with the label side facing upwards.

❺ Close the compartment lid.

❻ When fully closed, the Micro System starts to spin the disc.

❼ The LCD Screen will show the total numbers of tracks on the CD.

CD Playback:

❶ Press the ▶/ ‖ button to start playback of the CD.

❷ Press the ▶/ ‖ button again to pause playback. PAUSE will be shown on the LCD Screen.

❸ Use the ▶▶‖ button to forward skip to the next track.

DON'T FORGET! If you are on the last track of the disc, the player will return to track 1 or move to the next folder if it is an MP3/WMA CD.

---

❹ Use the ‖◀◀ button to reverse skip to the beginning of the current track.

5 Press the numeric buttons (**0-9**) to directly input the track number and start playback from the selected track. The track number can be up to 3 digits.

6 Press and hold the I◄◄ or ►►I buttons to skip backward or forward within the same track. Release the button to resume to playback at normal speed.

7 Press the **STOP/■** button to stop playback.

Selecting Folders and Files on an MP3/WMA CD:

1 Select a folder.

2 Select a file within a selected folder. The Micro System will automatically start playing the file.

ID3 Tag Information from MP3/WMA CD:

ID3 tag information will scroll on the LCD Screen automatically if it is available. The following information may be displayed:

• File Name
• Title Name
• Artist Name
• Album Name

Repeated CD Playback :

You can repeat a single track, all tracks or a folder. The following repeat modes are available:

• REPEAT ONE - repeats a single track or file.

• REPEAT ALL - repeats all the tracks or files on the CD.

• REPEAT FOLDER - repeats all the folders on the CD.

To repeat a single track or file:

1 Select a track or file.

2 Press the **REPEAT** button repeatedly until REPEAT ONE is shown on the LCD Screen.

3 The selected track or file plays continuously until you press the **STOP/■** button.

To repeat all the tracks or files on a CD:

1 Press the **REPEAT** button repeatedly until REPEAT ALL is shown on the LCD Screen.

2 The entire CD plays continuously until you press the **STOP/■** button.

To repeat a Folder in an MP3/WMA CD:

① Select a folder.

② Press the **REPEAT** button repeatedly until REPEAT FOLDER is shown on the LCD Screen.

③ The selected folder plays continuously until you press the **STOP/■** button.

To cancel the repeat function

① Press the **REPEAT** button repeatedly until no repeat function description is shown on the LCD Screen.

Random Play:

The tracks or files on the CD can be played in a random order.

① Press the **RANDOM** button to turn on the random mode. RANDOM will be shown on the LCD Screen.

② Press the **RANDOM** button again to turn off the random mode.

Programme Track Selection:

You can programme the micro system to play up to a total of 99 tracks/files in any desired order. You can also program the same track/file to play several times within a program sequence.

① While in CD mode, press the **STOP/■** button to stop any CD playback.

② Press the **MEMORY** button. If you are programming an MP3/WMA CD, P01 01-001 will be shown on the LCD Screen. If you are programming a normal audio CD, P01 001 will be shown on the LCD Screen.

• P01 - stands for the first program location.

• 01 - stands for folder number if the CD is MP3/WMA.

• 001 - is the track or file number.
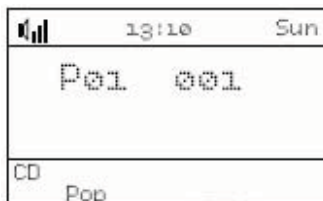
③ Select the track or file for the first program location.

> **DON'T FORGET!** If you are programming an MP3/WMA CD, use the ▲ or ▼ buttons to select a folder before selecting a file in the folder.

④ Press the **MEMORY** button to store the selected track/file in the first program location.

⑤ Repeat steps 3 and 4 to program more tracks or files.

⑥ Once you have programmed all the tracks, press the ▶/ II button to start playback of the programmed track or files. PROGRAM will be shown at the bottom of the LCD Screen.

> **DON'T FORGET!** Playback will stop after all programmed track/files have been played.

7 To replay the programmed tracks or files, press the **MEMORY** button again and then press the ▶/ II button.

8 To cancel the programmed sequence from the memory, press the **STOP/■** button during playback.

This feature lets you playback MP3 or WMA files stored on a USB device or a SD/MMC card.

DON'T FORGET! Only MP3 and WMA formats (without Digital Rights Management (DRM)) can be played back using the USB and CARD modes.

Compatible storage devices:

This Micro system supports playback of music from the following devices:

• USB Flash Drives

• Secure Digital TM (SD)

• Mini SD TM (with adapter only)

• Micro SD TM (with adapter only)

• Multimedia Card (MMC)

DON'T FORGET! Do not attempt to insert media storage other than those indicated above. This may cause damage to the memory card or the card slot in the Micro system. This feature is designed to play media from SD/MMC card devices and from USB flash memory devices that comply with the USB Mass Storage Standard. Playback of media from USB connected devices such as MP3 players that generally require drivers for interaction with a PC is not supported.
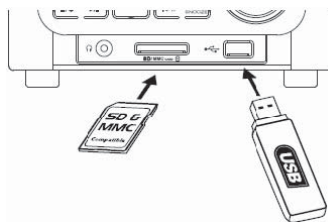
USB or SD/MMC Playback Operations:

Accessing the USB or CARD mode:

❶ Press the **STANDBY** button to turn on the Micro system.

❷ Press the **USB** or **SD/MMC** button.

DON'T FORGET! The SD/MMC button accesses the card mode.

Connecting USB or SD/MMC card devices:

❶ Insert a USB device or an SD/MMC card gently into the connector or card slot at the front of the Micro system.

❷ When you insert the USB or SD/MMC card, the Micro system will start reading the MP3 or WMA files. Once the Micro system has finished reading all the files, playback of the first file will begin.

Browse and listen to music files:

❶ Press the ▶/ ‖ button to pause the playback. PAUSE will be shown on the LCD Screen.

❷ Press ▶/ ‖ button again to resume playback.

❸ Select a folder (where applicable).

❹ Use the ◄◄ button to skip to the previous file.

❺ Use the ►►| button to skip to the next file.

❻ Press and hold the |◄◄ or ►►| buttons to scan backwards or forwards within the same file. Release the button to resume playback at normal speed.

❼ Press the **STOP/■** button to stop playback.

Playback of USB or SD/MMC media repeatedly or randomly:

You can repeat a single file, all files or a folder. The following repeat modes are available:

• REPEAT ONE - repeats a single file.

• REPEAT ALL - repeats all the files.

• REPEAT FOLDER - repeats all the folders.

To repeat a single file:

❶ Select a file.

❷ Press the **REPEAT** button repeatedly until REPEAT ONE is shown on the LCD Screen.

❸ The selected track or file plays continuously until you press the **STOP/■** button.

To repeat all the files:

❶ Press the **REPEAT** button repeatedly until REPEAT ALL is shown on the LCD Screen.

❷ The entire contents will play continuously until you press the **STOP/■** button.

To repeat a Folder:

❶ Select a folder.

❷ Press the **REPEAT** button repeatedly until REPEAT FOLDER is shown on the LCD Screen.

❸ The selected folder plays continuously until you press the **STOP/■** button.

Random Play:

The files can be played in a random order.

❶ Press the **RANDOM** button to turn on the random mode. RANDOM will be shown on the LCD Screen.

❷ Press the **RANDOM** button again to turn off the random mode.

Programme Track Selection:

You can programme the Micro System to play up to a total of 99 files in any desired order. You can also program the same file to play several times within a program sequence.

❶ When in USB or CARD mode, press the **STOP/■** button to stop any file playback.

❷ Press the **MEMORY** button. P01 01-001 shows on the LCD Screen.

- P01 - stands for the first program location.

- 01 - stands for folder number.

- 001 - is the file number.

3 Select a folder. Press the **OK** button.

4 Select the file for the first program location.

5 Press the **MEMORY** button to store the selected file in the first program location.

6 Repeat step 3, 4 and 5 to program more files. Up to 99 files can be programmed.

7 Once you have programmed all the files, press the ▶/ **II** to start playback of the programmed files. PROGRAM will be shown on the bottom of the LCD Screen.

DON'T FORGET! Playback will stop after all programmed files have played.

8 To replay the programmed files, press the **MEMORY** button again and then press ▶/ **II** button.

9 To cancel the programmed sequence from the MEMORY, press the **STOP/■** whilst playing.

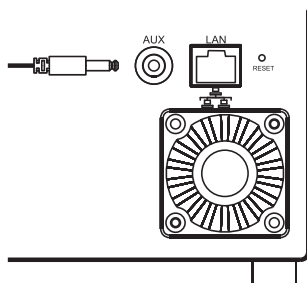**Disconnecting the USB device or SD/MMC card:**

1 Press the **STOP/■** to stop playback of any track.

2 Press the **STANDBY** button.

3 Now simply unplug the USB device from the connector or remove the SD/MMC card from the card slot.

13 Auxiliary Input

This Micro system includes an AUX IN socket to let you connect external audio equipment, such as:

- MP3 Players
- Audio Outputs from a DVD Player

You can listen to the sound from the external equipment through the speakers of this Micro system.

1 Connect one end of a 3.5 mm Stereo Cable (not supplied) to the AUX socket on the rear of the Micro System.

2 Connect the remaining end of the Stereo Cable to the external equipment.

To access the AUX mode:

1 Press the **STANDBY** button to turn on the Micro system.

2 Press the **AUX** button to go into AUX mode.

3 Use the external equipment as described in the User Guide supplied with the equipment.

DON'T FORGET! You may permanently connect the external audio equipment to the Micro system. It is not necessary to disconnect the equipment in order to listen to the other sound sources in this Micro system.
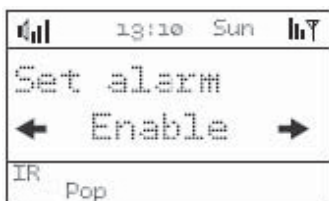
Alarm

The Micro System has an Alarm function which allows you to set an alarm to wake you up with a buzzer or play back of music using one of the available modes.
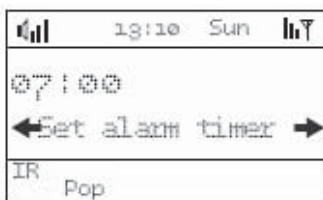
1 To set an alarm, press the **ALARM** button on the Remote Control. SET ALARM will be shown on the LCD Screen.

```
┌────────────────────────┐
│ 📶   13:10  Sun   ║▾    │
│ Set alarm              │
│  ←    Enable    →      │
│ IR                     │
│     Pop                │
└────────────────────────┘
```

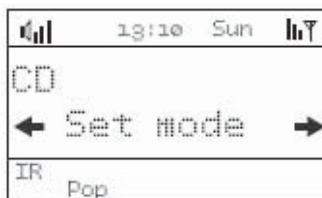**2** Use the ◄◄ or ►► buttons to enable or disable the Alarm.

> **DON'T FORGET!** If you select DISABLE, you can still set the alarm but the alarm will not sound at the preset time.

3 Press the **OK** button.

```
┌────────────────────────┐
│ 📶   13:10  Sun   ║▾    │
│ 07:00                  │
│ ←Set alarm timer →     │
│ IR                     │
│     Pop                │
└────────────────────────┘
```

4 Press the **OK** button.
5 Use the ◄◄ or ►► buttons to adjust the hours.

6 Press the **OK** button.

7 Use the ◄◄ or ►► buttons to adjust the minutes.

8 Press the **OK** button.

```
┌────────────────────────┐
│ 📶   13:10  Sun   ║▾    │
│ CD                     │
│  ←   Set mode   →      │
│ IR                     │
│     Pop                │
└────────────────────────┘
```

9 Use the ◄◄ or ►► buttons to select the buzzer or playback mode.

You can set the Alarm to wake you up to the sound of a buzzer or playback of music using one of the modes. The modes available are:

• DAB

• FM

• CD

• USB

• CARD

• iPod

10 Press the **OK** button.

```
┌────────────────────────┐
│ 📶   13:10  Sun   ║▾    │
│ Once                   │
│  ←   Set day    →      │
│ IR                     │
│     Pop                │
└────────────────────────┘
```

11 Use the I◄ ◄ or ► ►I buttons to select the alarm frequency.

You can set the alarm to sound at different frequencies. The available frequencies are:

- Once
- Daily
- Weekday
- Weekend

⑫ Press the **OK** button. The alarm has now been set and the LCD Screen will show the initial alarm screen.

⑬ Press the **ALARM** button.

> **DON'T FORGET!** If you have set the alarm function using the control panel of the Micro System, the Micro System will return to standby after approximately 20 seconds.

Turning off the alarm

① To turn off the alarm when it sounds, press the **ALARM** button.

② To temporarily snooze the alarm, press the **SNOOZE** button. The alarm will sound again in 9 minutes.

③ To disable the alarm permanently, press the **ALARM** button. SET ALARM will be shown on the LCD Screen. Select DISABLE. Press the **OK** button.

Timer

The Micro System has timer function to turn the Micro System on and off at a specific time. Make sure you have correctly set the clock time to use the timer function.

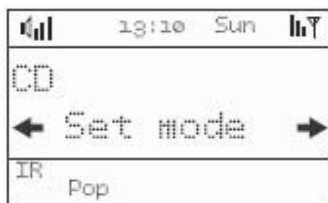① To set the timer, press the **TIMER** button. SET TIMER will be shown on the LCD Screen.
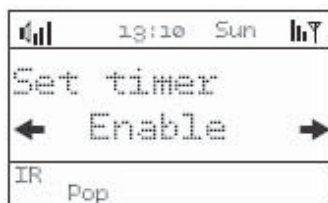
② Press the ◄◄ or ►► buttons to ENABLE the timer and then press the **OK** button. SET ON TIME will be shown on the LCD Screen.

③ Press the **OK** button. SET ON TIME will be shown on the LCD Screen.
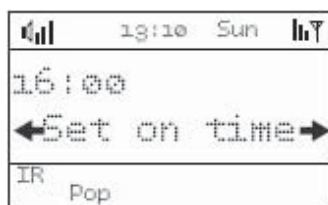
④ Use the ◄◄ or ►► buttons to adjust the hours.

⑤ Press the **OK** button. SET MINS will be shown on the LCD Screen.

⑥ Use the ◄◄ or ►► buttons to adjust the minutes.

DON'T FORGET! The hour and minute set above is the time to turn on the Micro System.

7 Press the **OK** button. SET MODE will be shown on the LCD Screen.

```
📶        18:10  Sun   📶📡

CD

   ←   Set mode   →

IR
      Pop
```

8 Use the ◄◄ or ►► buttons to select the timer sound source.

You can set the timer to the sound of a buzzer or playback music using one of the modes. The modes available are:

- CD
- USB
- CARD
- iPOD
- BUZZER
- DAB
- FM

9 Press the **OK** button. SET DAY will be shown on the LCD Screen.
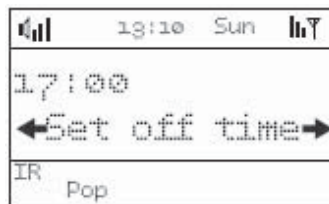
```
📶        18:10  Sun   📶📡

Once

   ←   Set day   →

IR
      Pop
```

10 Use the ◄◄ or ►► buttons to select the timer frequency.

You can set the alarm to sound at different frequencies. The available frequencies are:

- Once
- Daily
- Weekday
- Weekend

11 Press the **OK** button.

12 The LCD Screen will show SET OFF TIME. Press the **OK** button.

```
📶        18:10  Sun   📶📡

17:00

   ←Set off time→

IR
      Pop
```

13 Use the ◄◄ or ►► buttons to adjust the hours.

14 Press the **OK** button. SET MINS will be shown on the LCD Screen.

15 Use the ◄◄ or ►► buttons to adjust the minutes.

16 Press the **OK** button.

DON'T FORGET! The hour and minute set above is the time to turn off the Micro System. The timer is now set.

17 Press the **TIMER** button to return to the previous display.

DON'T FORGET! Once the timer has been set, a timer icon (🕐) will display at the top left side of the LCD Screen.

Disabling the timer

1 To disable the timer, press the **TIMER** button.

2 Use the I◄◄ or ►►I buttons to select DISABLE, then press **OK**. This will disable the timer.

3 Press the **TIMER** button to continue playback. The timer icon (🕐) will disappear from the LCD Screen.

Sleep

The Micro System has a programmable sleep function to play the Micro System for a set length of time before turning off automatically.

1 To set the sleep function, press the **STANDBY** button.

2 Select a mode, for example CD.

3 Press the **SLEEP** button. The LCD Screen will show SLEEP TIME 15 MINS.

4 Press the **SLEEP** button repeatedly to select a desirable length of time (15, 30, 45, 60, 90 and off) before the Micro System turns itself off automatically. The sleep timer has now been set.
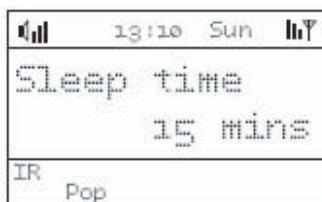
DON'T FORGET! A small clock icon, for example (🕐 15) will appear at the lower right corner of the LCD Screen with the remaining length of time next to it.

5 To turn off the sleep function, press the **SLEEP** button repeatedly until SLEEP OFF displays on the LCD Screen.

DON'T FORGET! The LCD Screen will return to previous display after a few seconds. For CD Mode, the Micro System will only play until the CD ends. For example if you set the sleep function or 90 minutes but your CD can only run for 45 minutes, the Micro System will stop playback at 45 minutes and remain on for the next 45 minutes.

General

Problem	Possible Cause	What to do
No Power	1. The plug is not plugged into the wall socket. 2. The wall socket is not turned on.	1. Ensure the plug is plugged into the wall socket. 2. Turn on the power at the wall socket.
The Micro System is not responding to the Remote Control	1. The Micro System is switched off at the wall socket. 2. The Remote Control is not directed at the Micro System. 3. The front of the Micro System is obstructed. 4. The Remote Control batteries are exhausted. 5. The Remote Control batteries are incorrectly inserted.	1. Turn on the power at the wall socket. 2. Direct the Remote Control towards the Micro System. 3. Ensure there are no objects obstructing the Micro System. 4. Replace the batteries in the Remote Control. See page 8 for more information. 5. Ensure the batteries are correctly inserted into the Remote Control. See page 8 for more information.
No sound is heard	1. The volume is on the minimum setting. 2. The volume is muted. 3. Headphones are connected to the Micro System.	1. Increase the volume. 2. Press the **MUTE** button to restore the sound. 3. Remove the headphones out.
All buttons fail to function	1. A hardware error has occurred.	1. Perform a hardware reset by gently inserting a bent paper clip into the reset button at the rear of the Micro System. This only performs a hardware reset. If this fails perform software reset as described on page 60.
If none of the above solves your problem, perform a system reset as described on page 60.		

Internet Radio

Problem	Possible Cause	What to do
Cannot connect the Micro System to the Internet	1. The access point or router is not turned on.	1. Turn on the access point or router.
	2. Your access point or router does not have a current broadband subscription.	2. A current broadband subscription is required for the access point or router. Renew your broadband subscription. See page 3 for more information.
	3. The Micro System is not connected to the access point or router.	3. Ensure the Micro System is connected to the access point or router. See page 13 for more information.
	4. Your PC may have a Firewall installed which is preventing access to your broadband connection.	4. If your PC has a firewall installed, check that the firewall is allowing all connections from the network and the firewall is allowing Netbios traffic. (You may need to consult the documentation that was supplied with your router if you are unsure how to do this).
	5. Your access point or router may require a password.	5. Ensure the password information has been correctly configured on the Micro System. See page 14 for more information.
	6. Your wireless Internet connection may be obstructed or may exceed the maximum range for reception.	6. Please ensure that your network connection is reliable and that there is not any interference from any neighbouring networks.
	7. The Micro System may have been incorrectly configured with the access point, router or PC.	7. Perform the Internet Setup procedures described on page 13.

Internet Radio continued

Problem	Possible Cause	What to do
The Micro System connects to the Internet but is unable to play a particular station	1. The Internet Radio Station is no longer Broadcasting.	1. Check if the Internet Radio Station is still broadcasting.
	2. The Internet Radio Station may have reached the maximum number of simultaneous listeners.	2. Try connecting to the Internet Radio Station at a later date.
	3. The link to the Internet Radio Station may be out of date.	3. Ensure the link to the Internet Radio Station is correct.
	4. The connection between the Internet Radio Station and the Micro System may be too slow.	4. You may not be able to listen to the Internet Radio Station without uprating your broadband subscription.
Intermittent Audio	1. The signal strength of your access point or router may be too low.	1. Move the Micro System closer to the access point and make sure there are no obstacles between them.
If none of the above solves your problem, perform a system reset as described on page 60.		

Media Streaming

Problem	Possible Cause	What to do
The Micro System is unable to find any PCs sharing media on the local network	1. The Micro System is not connected to the PC.	1. Check that the PC is connected to the access point. See page 18 for more information.
	2. Your PC may have a Firewall installed which is preventing access to your broadband connection.	2. If your PC has a firewall installed, check that the firewall is allowing all connections from the network and the firewall is allowing Netbios traffic. (You may need to consult the documentation that was supplied with your router if you are unsure how to do this).
	3. The PC cannot connect to the access point or router.	3. Check that other PCs are able to see the access point or router from which you are trying to share your files. See page 18 for more information.
	4. File sharing is not enabled.	4. Check that file sharing is enabled. See page 18 for more information.
If none of the above solves your problem, perform a system reset as described on page 60.		

CD

Problem	Possible Cause	What to do
The CD does not play	1. The CD is incorrectly loaded.	1. Ensure the CD is correctly loaded into the CD Tray. See page 43 for more information.
	2. The CD is an unsupported format.	2. Check the format of the CD is supported.
	3. The CD is paused.	3. Press the ▶/ ❚❚ button to continue playback of the CD.
	4. The Micro System is not in the CD mode.	4. Press the **CD** button on the Remote Control.
	5. The CD is dirty or scratched.	5. Make sure the CD is not dirty or scratched. If it is dirty, clean the CD.
CD Sound Skips	1. The CD is dirty.	1. Clean the CD with a soft cloth.
	2. The CD is warped or scratched.	2. The CD should be replaced.
If none of the above solves your problem, perform a system reset as described on page 60.		

Radio

Problem	Possible Cause	What to do
The Micro System will not receive any DAB radio stations	1. There is a poor signal in the area.	1. Reposition the Micro System.
	2. There is electrical interference in the area.	2. Reposition the Micro System.
The Micro System will not receive any FM radio stations	1. The FM antenna is not fully extended.	1. Extend the FM antenna and position vertically. See page 9 for more information.
If none of the above solves your problem, perform a system reset as described on page 60.		

USB or SD/MMC

Problem	Possible Cause	What to do
Files will not playback from a USB device or the Card	1. The USB device or the Card are not connected properly.	1. Make sure the USB device or card is securely connected. See page 48 for more information.
	2. Unsupported files.	2. Only WMA or MP3 file types are supported. See page 48 for more information.
If none of the above solves your problem, perform a system reset as described below.		

System Reset

A system reset can be performed to return the Micro System to the factory default settings.

To perform a system reset using the Remote Control:

❶ Make sure the Micro System is in standby mode.

❷ Press the **MENU** button.

❸ Use the ◄◄ or ►►| buttons to select SYSTEM RESET.

❹ Press the **OK** button.

❺ Press the **OK** button again. The LCD screen will show RESETTING.

❻ The Micro System has now been reset.

To perform a system reset using the buttons on the Micro System:

❶ Make sure the Micro System is in standby mode.

❷ Press the **MENU** button.

❸ Use the |◄◄ or ►►| buttons to select SYSTEM RESET.

❹ Press the **SELECT** button.

❺ Press the **SELECT** button again. The LCD screen will show RESETTING.

❻ The Micro System has now been reset.

General	
Model Number	• GMC1502WF
Power Supply	• 230V AC 50Hz
Power Consumption: Standby Operating Nominal Use	• 4.5 watts • 60 watts maximum • 10 watts
Power Output	• 2 x 10 Watts RMS
Dimensions with Speakers	• 455mm (W) x 240mm (H) x 220mm (D)
Weight	• 5.6 kg
Tuner	
Radio Frequency Coverage: FM DAB	• 87.5 MHz to 108 MHz • 174 MHz to 240 MHz
CD	
Play back system	• Compact Disc Digital Audio
DAC	• 8 times over sampling, 1 bit D/A converter.
Frequency response	• 100 - 20,000 Hz
USB / Card	
Supported memory size	Up to 2 Gb

IMPORTANT: Due to continual revision and improvements to our products design, specifications are subject to change without notice.

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.

Sound levels

Your hearing is very important to you and to us, so please take care when using this Micro System. 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 to 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.

Once you have established a comfortable listening level, **do not increase the sound level**.

General Safety

This Micro System 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 Micro System.

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 Micro System.

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

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

Don't leave the Micro System switched On when it is unattended for long periods of time, unless it is specifically stated that it is designed for unattended operation or has a standby mode.

Make sure that other people in your household are conversant with the Micro System.

Don't obstruct the ventilation vents on the Micro System, 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.

Store the Micro System in a clean, dry environment.

Do not use any cleaning solutions on the Micro System.

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.
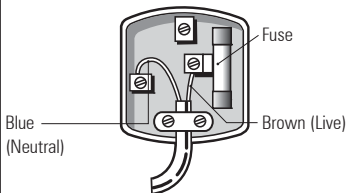
2- Core plug

⚠ **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.
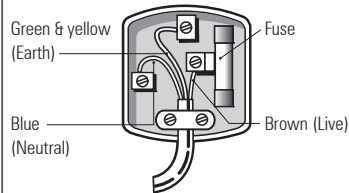

Green & yellow (Earth)
Fuse
Blue (Neutral)
Brown (Live)

Guarantee

The Micro System is guaranteed for twelve months from the date of original purchase. If any defect due to faulty materials or workmanship, contact the Goodmans Helpline. Have your receipt of purchase on hand.

The guarantee is subject to the following provisions:

• It is only valid within the boundaries of the country of purchase.

• The product must be correctly installed and operated in accordance with the instructions contained in this User Guide.

• The Micro System must be used solely for domestic purposes.

• The guarantee will be rendered invalid if the Micro System is re-sold or has been damaged by inexpert repair.

• The manufacturer disclaims any liability for incidental or consequential damages.

• The guarantee is in addition to, and does not diminish, your statutory or legal rights.

Goodmans
DCS-SEPT08-GMC1502WF