

CENTRIOS™  
MC

# Internet Radio Micro Hi-Fi System



1315117



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Version 20061005

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## Micro System with Internet Radio

Please read the entire instruction manual before using and save it for future use. Any technical data in this manual is subject to change without notice. If you have any questions concerning technical problems please contact Orbyx Electronics technical support at [www.orbyxelectronics.com](http://www.orbyxelectronics.com).

### 1. Safety

The product should only be repaired by qualified service personnel.

The product should not be dismantled or altered.

Do not place the product where it could possibly fall into water or any other type of liquid. Do not place any objects containing liquid on the product, e.g. flower vase or soft drink.

Turn off the standby function during night time or when you will be away for periods of time.

Do not cover the product. Adequate ventilation with a distance of at least 15 cm between ventilation holes and surrounding area is necessary to prevent the device from becoming warm.

Do not place the stereo in a damp, dusty environment or where there are strong vibrations.

### Note the following safety symbols



#### Warning!

Do not open the casing. Dangerous current exists in unprotected components within the product's casing. Contact with these can lead to fire or electric shock.



#### CLASS 1 LASER DEVICE

Warning! Do not open the casing. Invisible laser radiation can cause eye damage. Do not look directly into the laser beam or look directly at it through an optical instrument.

## 2. Starting Up

### 2.1 Setting up the equipment

#### 2.1.1 Speakers

Connect the speakers to the outlet on the back of the device. Connect the right speaker to the outlet marked R and the left speaker to the outlet marked L.

#### 2.1.2 Power cord

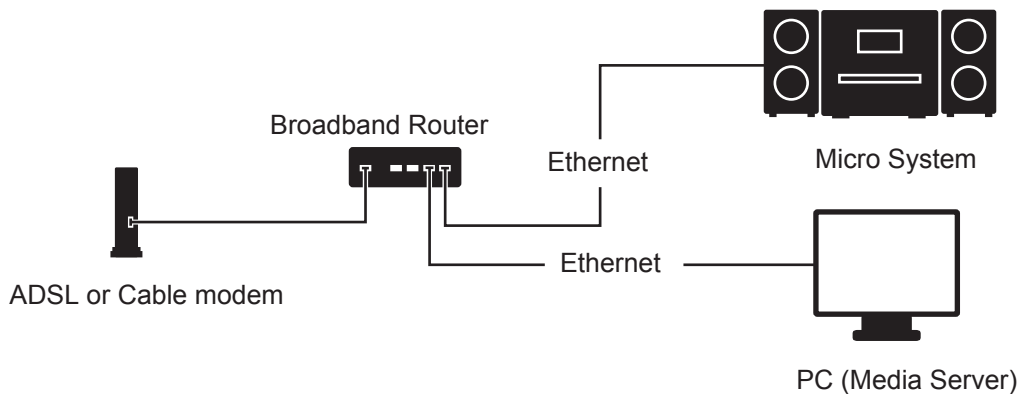
1. Connect the power cord to a wall socket. Check that the voltage (V) which is shown in the marking label on the back of the unit is the same as your local electrical outlet (120 V AC, 60 Hz). Get advice from the retailer or at a place of service if it is not the same.

2. To turn the power off completely, unplug the unit from the wall socket. It is recommended to unplug the unit during strong thunder storms to protect the device.

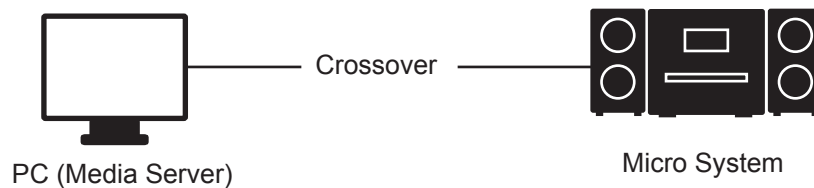
#### 2.1.3 Aerial

Connect the included wire aerial to the aerial connection on the back of the device.

### 2.2 Installing onto network (LAN)



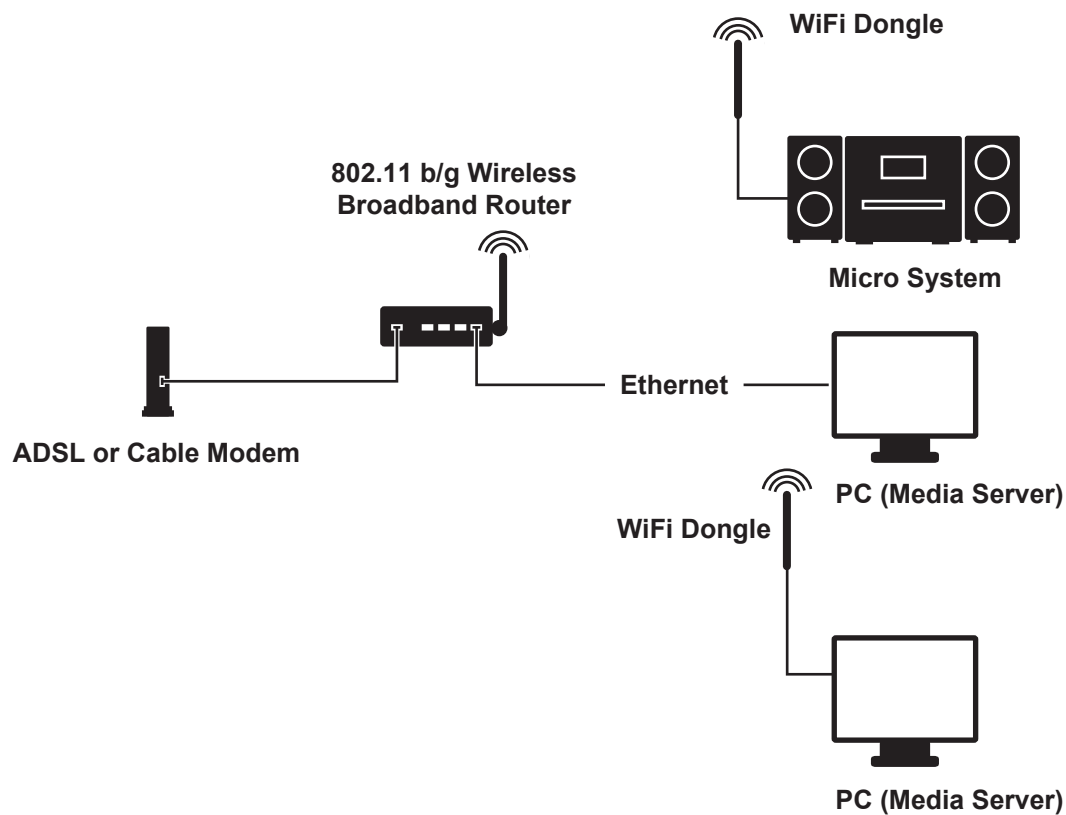
Connect the device to an Internet connected router according to the picture. Use a standard network cable.



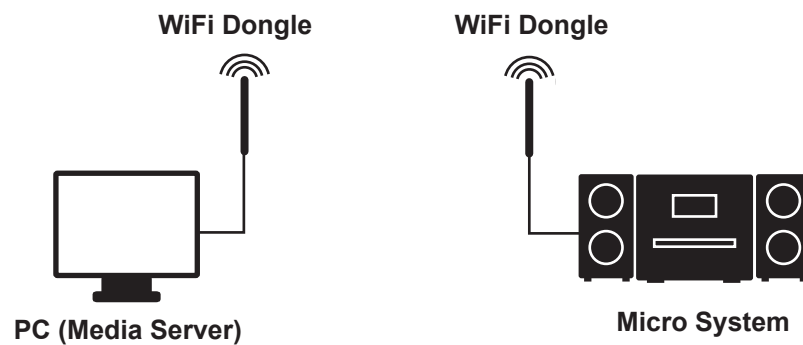
To connect the unit to a PC, see the picture above. When connected to a PC the unit can only play music that is stored on the computer. A crossover network cable is required (not included).

**Note!** When the device is connected to a PC you can only listen to music which is stored on the computer. The computer must have special software installed. See section Media Server.

## 2.3 Installation of a wireless network (WLAN)

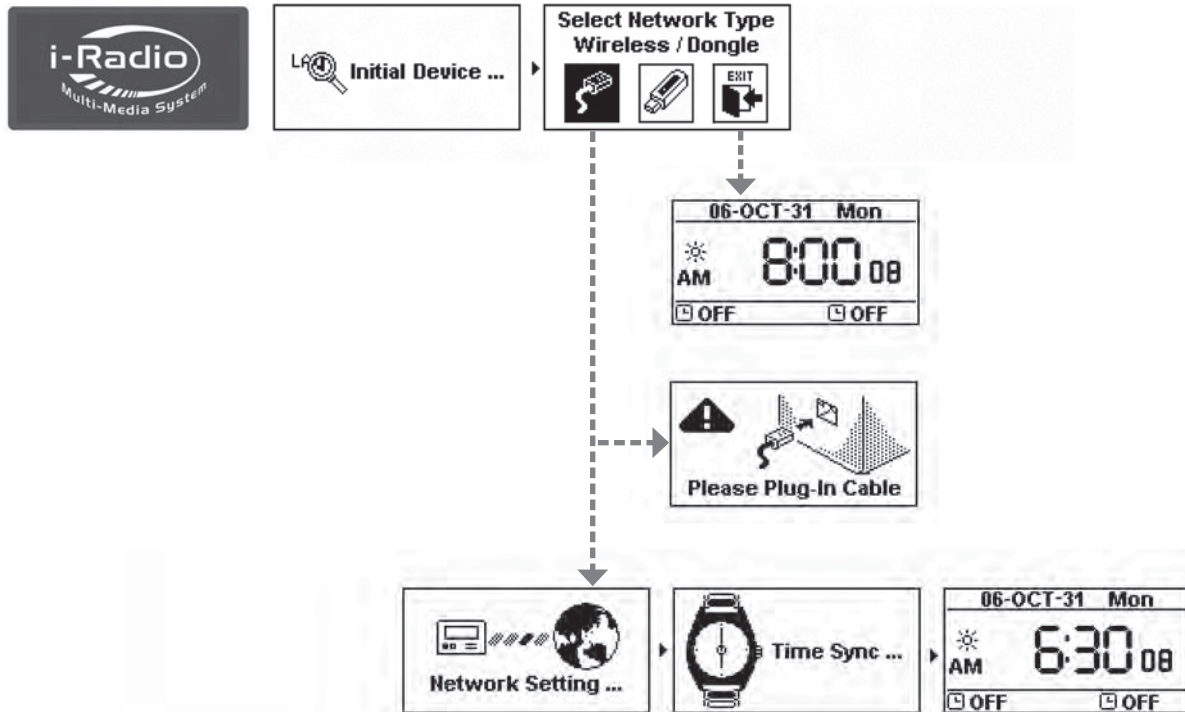


To begin, first ensure that the wireless network (e.g. a wireless router) is ready for connection and has a connection to the Internet. Connect the included wireless network adaptor (WiFi Dongle) to the socket marked "WiFi" on the back of the unit.



You can also connect the unit wirelessly to a computer using a wireless network card. When the unit is connected in this way, you will only be able to listen to music that is stored on the computer. The computer must have special software installed. See section marked Media Server.

## Network Settings – LAN



Select **LAN** to connect to the Internet via a network.

or



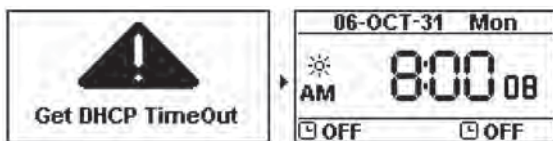
Select **WLAN** to connect to the Internet via a wireless network.

or



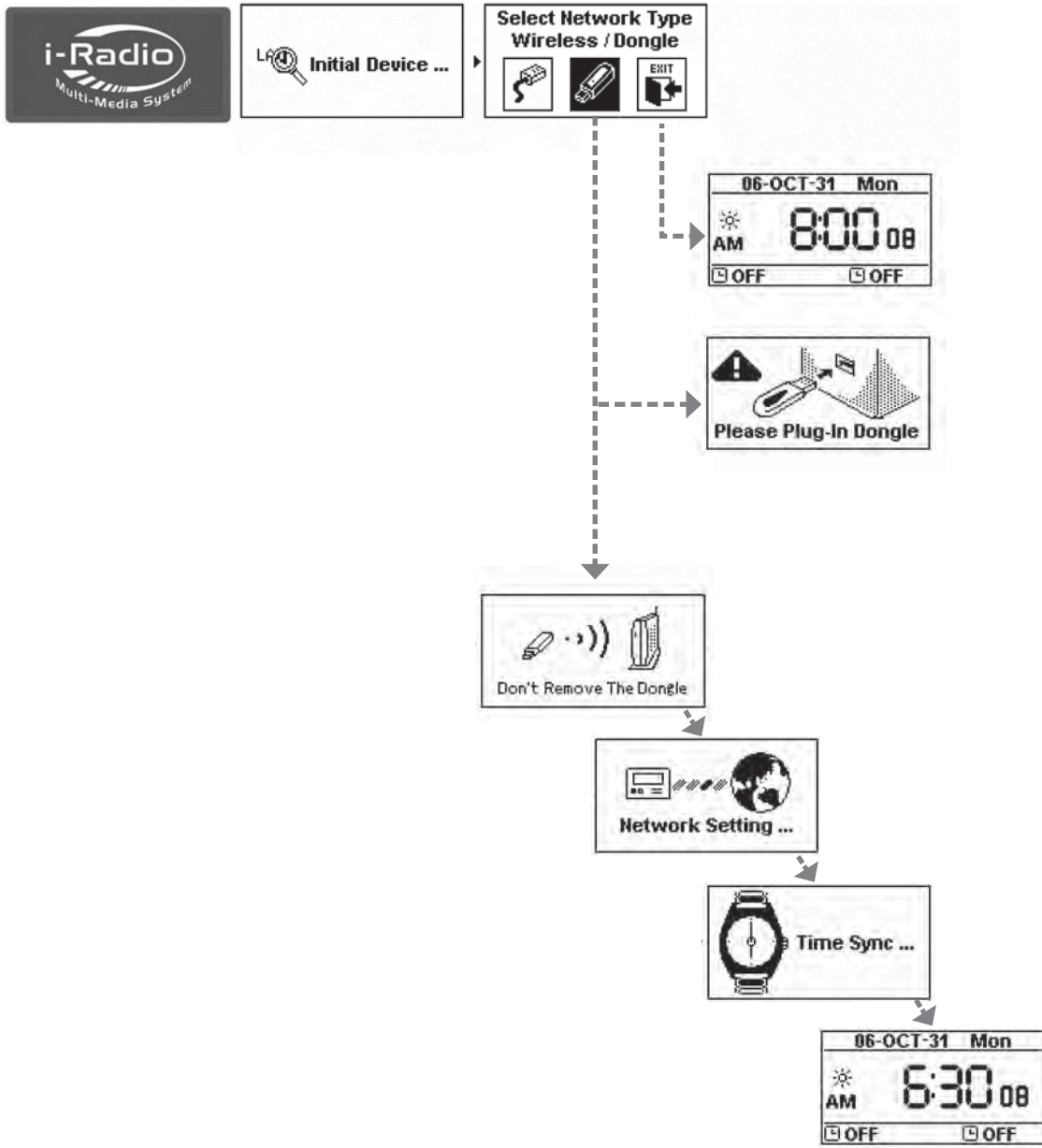
Select **EXIT** to exit from the guide.


If no IP number is obtained via Dynamic Host Configuration Protocol DHCP (DHCP Timeout), the below screen will be displayed. If connection is successful, the clock display will be shown.






### Network Settings – WLAN (With WiFi Dongle)




 Select **LAN** to connect to the Internet via a network.

or

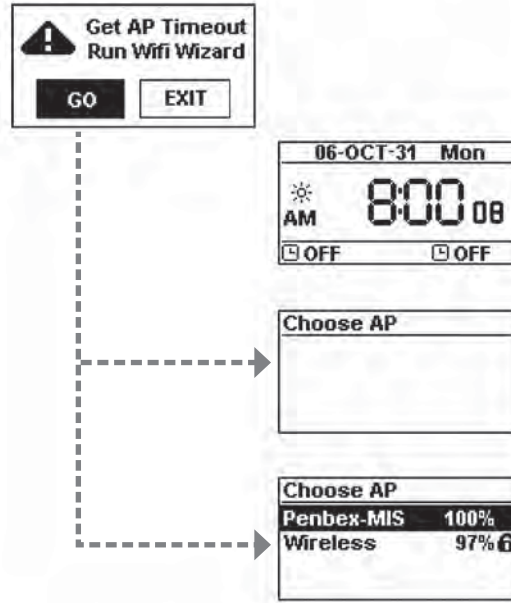
 Select **WLAN** to connect to the Internet via a wireless network.

or

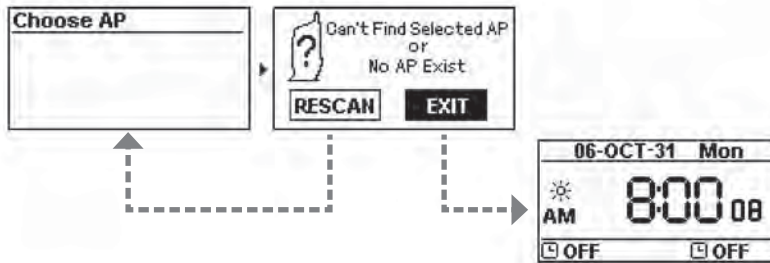
 Select **EXIT** to exit from the guide.

If no wireless network can be found:

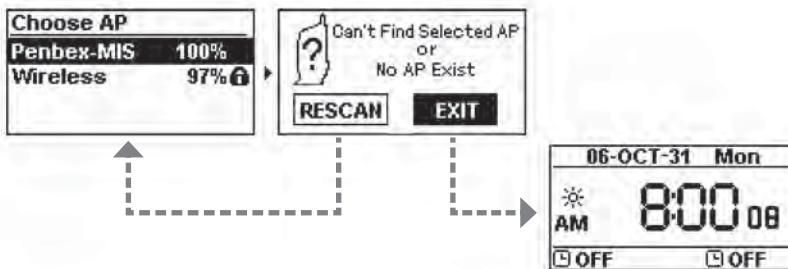
Select **GO** to start the guide.



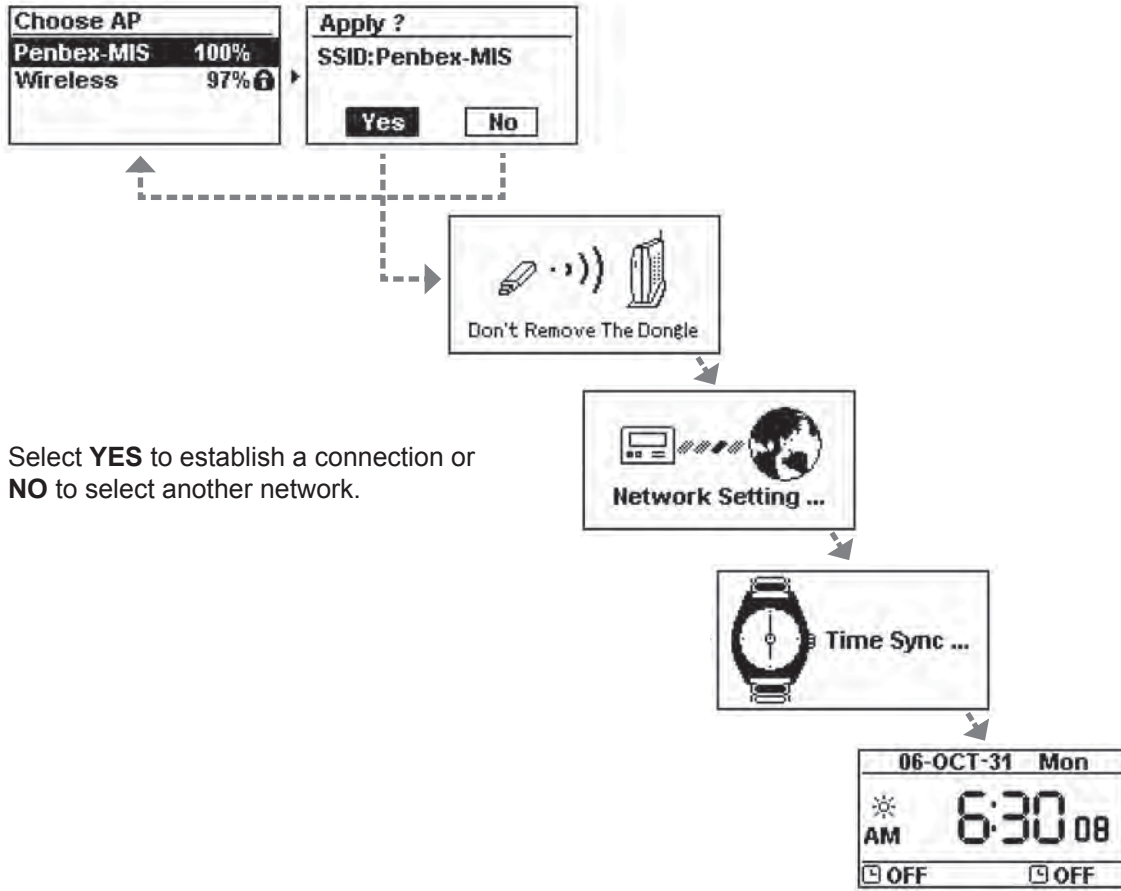
- (1) Cannot find a wireless network  
Select **RESCAN** to search again or select **EXIT** to exit the guide



- (1) Cannot find the desired wireless network  
Select **RESCAN** to search again or select **EXIT** to exit the guide

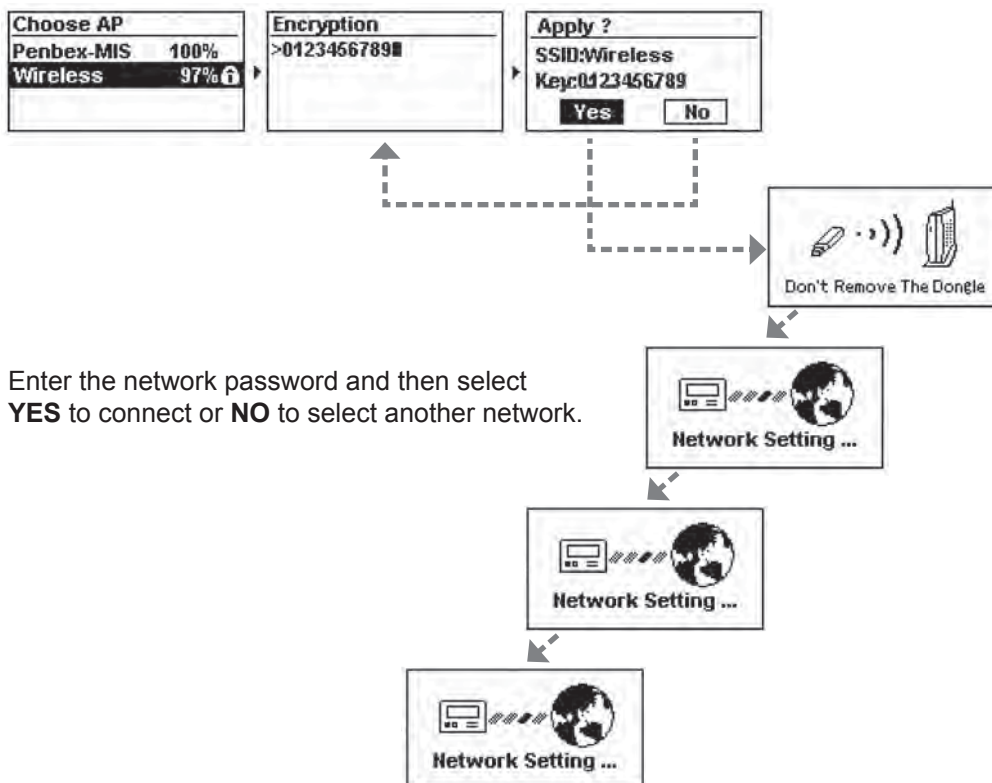


### Select an open, unprotected wireless network



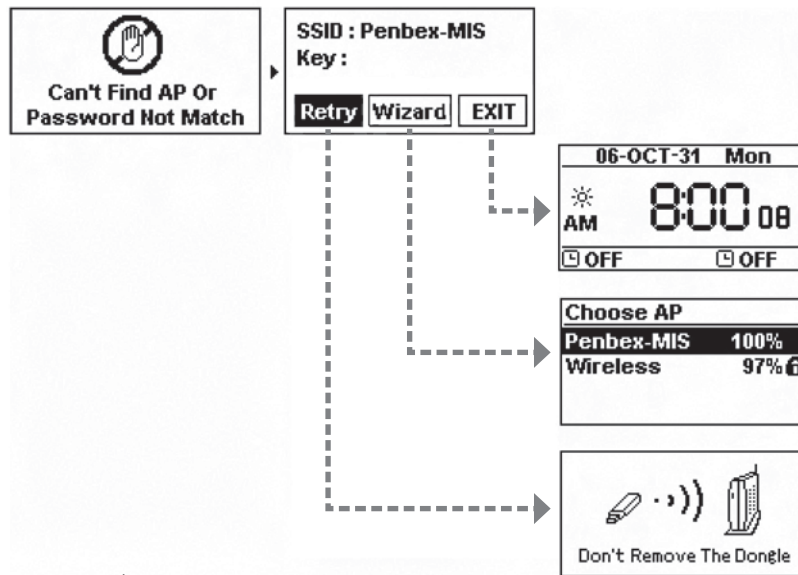
Select **YES** to establish a connection or **NO** to select another network.

### Select a protected wireless network which requires a password



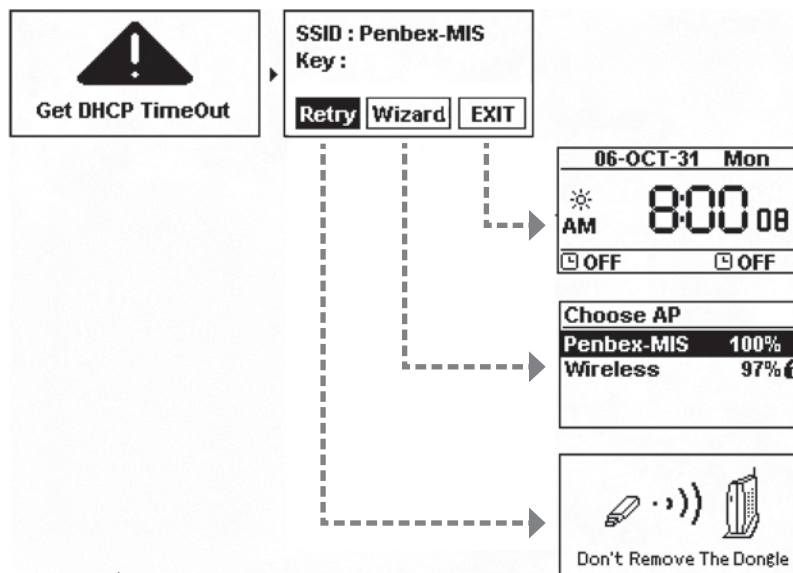
Enter the network password and then select **YES** to connect or **NO** to select another network.

## Failed to connect to the wireless network



1. Select **RETRY** to reconnect
2. or select **WIZARD** to search for available wireless networks
3. or select **EXIT** to exit.

## No IP number is obtained via DHCP (DHCP Timeout)



1. Select **RETRY** to reconnect
2. or select **WIZARD** to search for available wireless networks
3. or select **EXIT** to exit.

## 2.4 Starting the unit for the first time

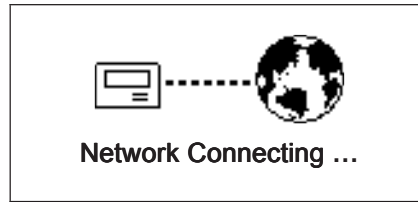
When you turn on the unit for the first time the stereo will try to automatically search for an IP address.

If the network is successfully connected to the Internet, the unit will also synchronize the time with the time server.

The following is displayed when the unit is started up for the first time.



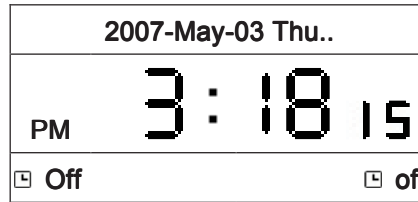
1. The equipment starts up.



2. Searches for a network.



3. The clock synchronizes with a time server.

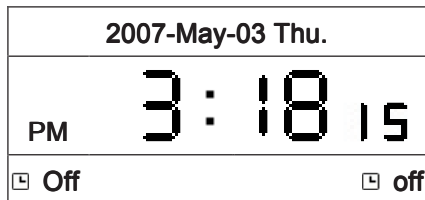


4. The unit returns to standby position.

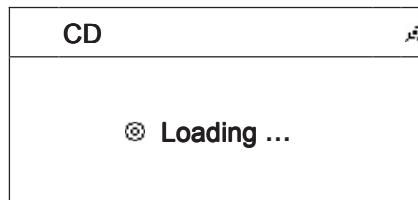
## 2.5 Turn the unit ON and OFF

When the unit is in standby mode it is turned **ON** by pressing (Power) on the unit or **STANDBY** on the remote control. You can adjust the brightness of the backlight of the display by pressing **DIMMER** button on the remote control.

The display shows the following when the unit is turned on:



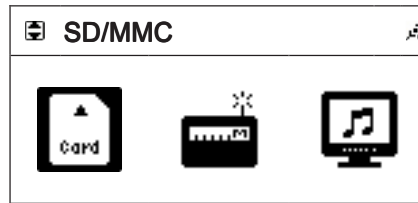
1. The unit is in standby mode.



2. Press to turn the unit on.

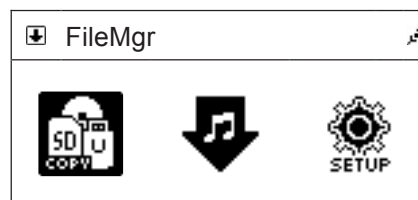


3. The main menu shows.



4. Press to display more menu options.

5. Press to display the rest of the menu.



## 2.6 Using the menus

The instructions in the operating manual describe the buttons on the main unit and in some cases refer to the buttons on the remote control.


You can at any time return to the previous menu selection by pressing the stop button ■.

1. Press **MENU** once to enter the main menu.
2. Use |◀◀ and ▶▶| to select the desired function: CD, Internet radio, USB, SD/MMC, FM radio, UPNP, File Processing, External input or Setup.
3. Navigate upwards or downwards through the menus using the buttons ↑ and ↓.
4. When you have come to the selected menu choice press, **SELECT/OK** to confirm.

## 3. Using the CD player

### 3.1 Playing a CD

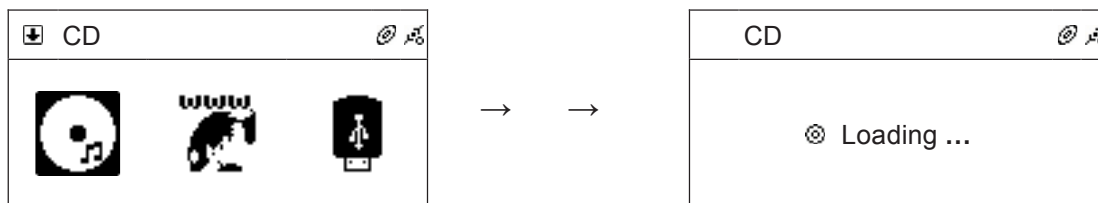
The unit can play Audio Discs, CD-R, CD-RW and discs that contain MP3/WMA (Windows Media format) files.

1. Open the CD door by pressing and releasing the corner marked **OPEN/CLOSE** on the CD door.
2. Place a CD, CD-R, CD-RW or a CD containing MP3 files in the slot and close the door.
3. The display will show “**Loading**” and the icon  will be displayed.

### 3.2 Obtaining track information

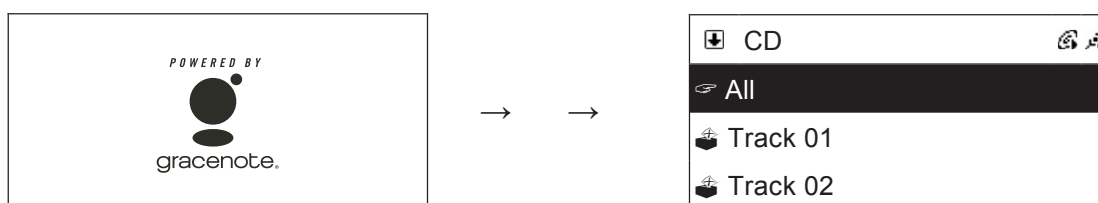
To obtain track information from the Gracenote Music Recognition Service, the unit needs to be connected to the Internet and the CD that is being played must exist in the data base.

1. Insert a CD according to the above instructions.



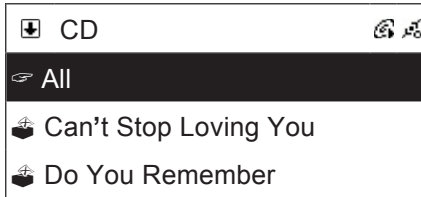
2. When the start menu is displayed choose menu selection CD and then press **SELECT/OK**.

3. The CD reads the disc.

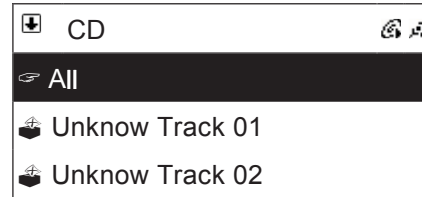


4. The unit automatically connects to the Gracenote Media Database and tries to pick-up track information.

5. At first, the track information may not be updated, and will display as above.



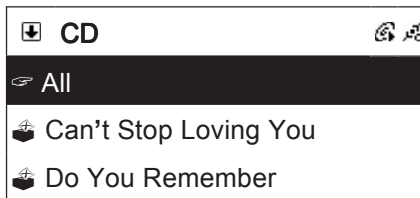
6. Once the track information has been collected, the display will show the name of the track.



7. If there is no information, the track will instead show Unknown Track 01, and so on.

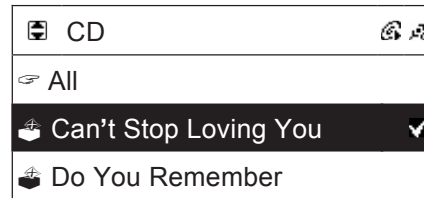
### 3.3 Playing a CD

#### Play the entire CD



1. To play all the tracks, use the arrow buttons to select **All**.
2. Then press **▶||** or **SELECT/OK** to start the playback.

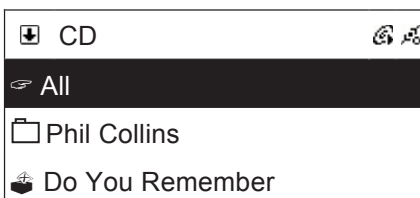
#### Playing marked tracks



1. Use the arrow to select the track you want to play. Then press **MEMORY** to mark the selected track.
2. Repeat the above to mark the desired tracks. The symbol ✓ marks the chosen track.
3. Then press **▶||** or **SELECT/OK** to start the playback of marked tracks.

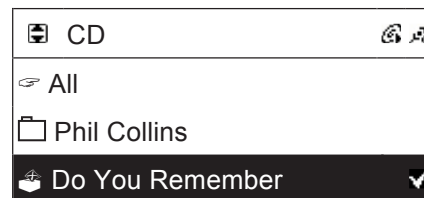
### 3.4 Playing a disc containing MP3 or WMA files

#### Play the entire CD



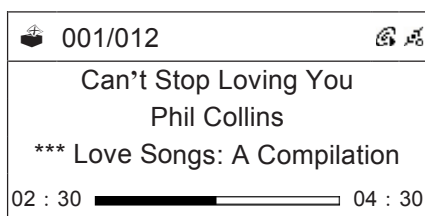
1. To play all the tracks, use the arrow buttons to select **All**.
2. Then press **▶||** or **SELECT/OK** to start the playback.

#### Playing marked tracks



1. Use the arrow to select the track you want to play. Then press **MEMORY** to mark the selected track.
2. Repeat the above to mark the desired tracks. The symbol ✓ marks the chosen track.
3. Then press **▶||** or **SELECT/OK** to start the playback of marked tracks.

## Play tracks from a specific folder



1. Use the arrows to select the desired folder and then press **SELECT/OK**
2. Use the arrow to select the track you wish to play. Then press **MEMORY** to mark the selected track.
3. Repeat the above to mark several tracks. The symbol √ marks the chosen track.
4. Then press **▶||** or **SELECT/OK** to start the playback of marked tracks.

## 3.5 Record from a CD to a USB memory or SD/MMC memory card

The track from a CD can be converted and saved as a MP3 file on a memory card or USB memory. The unit automatically shares the tracks from the CD.

**Note! Recording does not function from copy protected CDs.**

1. Insert a CD according to the above. When the start menu is displayed, choose menu selection **CD** and then press **SELECT/OK**
2. Select **All** to record all tracks from the CD or mark the desired track with the **MEMORY** button.
3. Insert a USB memory or a SD/MMC memory card in the connection on the front of the unit.
4. Press **REC** to start the recording. If both the memory card and USB memory are connected you will be asked to choose which location you want the files to be saved.

## 3.6 Playing options

The following playing options will work during the playback of CD or MP3 files on a CD or USB memory/memory card. The buttons for the playing options below are found on the remote control.

### 3.1.1 Amp Base amplification

Press **X-BASS** button on the remote control to activate strengthened bass amplification.

### 3.1.2 Equalizer (Preset sound schedule)

Press repeatedly **P-EQ** to select between one of the following sound schedule: Normal → Classic → Jazz → Pop → Rock and Bass + Normal → Bass + Classic → Bass + Jazz → Bass + Pop → Bass + Rock  
The display will show the chosen sound schedule.

### 3.1.3 REPEAT (repeated playing)

Press **REPEAT** to activate repeated playing. Choose between **REPEAT ONE** (repeat a track) or **REPEAT ALL** (repeat all tracks).

### 3.1.4 RANDOM (random playing)

Press **RANDOM** to activate random playing.

### 3.1.5 A-B Loop (repeated playing between two times)

During playback, press the **A-B** button once to mark the location in the track you would like to begin a section, and press it again to mark the end. The indication **AB** will show in the upper part of the display. The playback will automatically begin between the two marked positions.



## 4. Using the Internet Radio

### 4.1 Introduction

Internet radio can receive radio stations that are transmitted over the Internet. Most large radio stations in the world offer their program to listeners through the Internet.

To be able to listen to the Internet radio, the unit needs to be connected to the Internet through a router to a broadband connection (e.g. ADSL or cable modem).

The following format for Internet radio can be received:

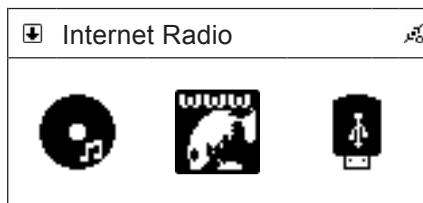
#### World Station

The unit automatically sorts through the radio stations by country. This makes it easier to find the desired radio station for a particular country.

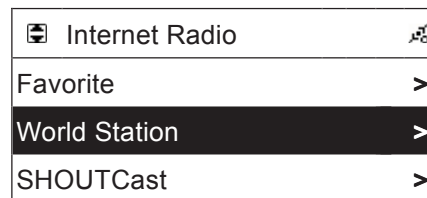
#### Shoutcast <http://www.shoutcast.com>

The unit automatically sorts through the radio stations by category.

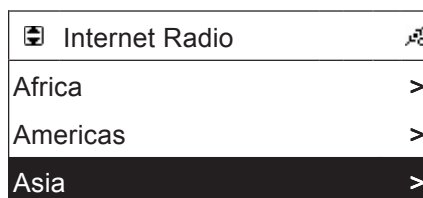
### 4.2 World Station



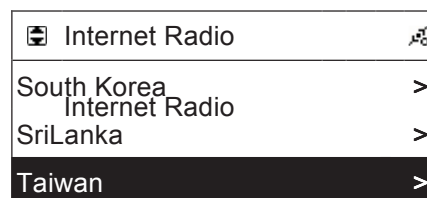
1. In the main menu use the ↑ and ↓ buttons to select Internet radio. Then press **SELECT/OK** to confirm.



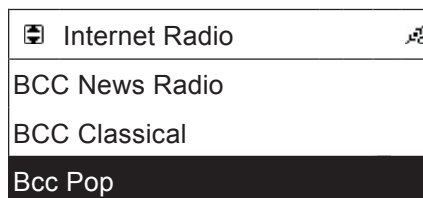
2. To select a station by country, choose World Station then press **SELECT/OK** to confirm.



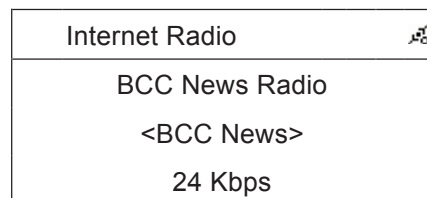
3. Choose the desired world location and press **SELECT/OK** to confirm.



4. Choose the desired country and press **SELECT/OK** to confirm.



3. Choose the desired radio station and press **SELECT/OK** to confirm.



6. When the unit has connected to the radio station and buffered the music to 100%, the playing begins.

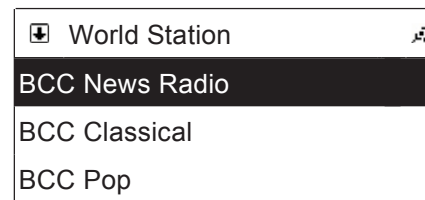
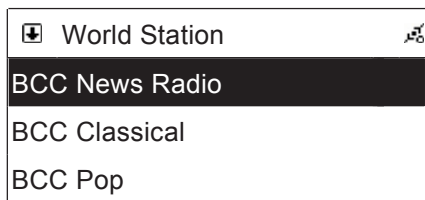
### 4.3 SHOUTcast

#### To select a station by category:

1. In the main menu use the ↑ and ↓ buttons to select Internet Radio, then press **SELECT/OK** to confirm.
2. Choose SHOUTcast and press **SELECT/OK** to confirm.
3. Choose the desired category and press **SELECT/OK** to confirm.
4. Choose the desired radio station and press **SELECT/OK** to confirm and connect to the radio station.
5. When the unit has connected to the radio station and buffered the music to 100%, the playing begins.

### 4.4 Add or remove stations in the favourites list

In the favourite list (Favourites) 20 radio stations can be stored in memory.



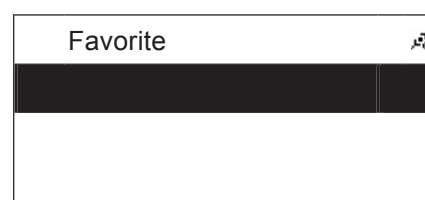
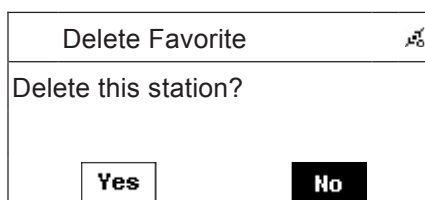
1. Mark the radio station that you want to store in the favourite list.

2. Press **MEMORY** once. The marked station blinks twice and the station has now been added to the list.



3. To delete a favourite, mark the radio station in the favourite list.

4. Press and hold **SELECT/OK** for 2 seconds.

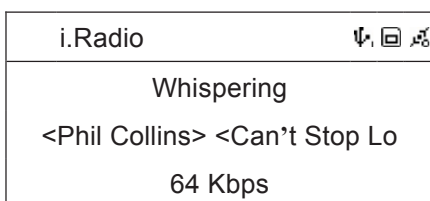


5. Confirm the deletion of the station by marking **YES** and then press the **SELECT/OK** button to confirm.

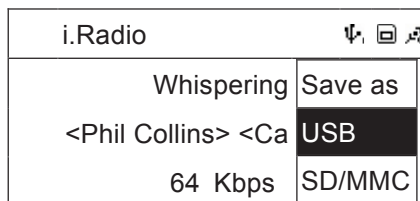
6. Press ■ to go back to the menu.

## 4.5 Record from an Internet radio to a USB memory or SD/MMC memory card

Note! Recording from the Internet only works with radio stations that transmit through SHOUTcast. The instructions assume that you have first started the playing of a SHOUTcast Internet station.



1. Insert a USB memory or SD/MMC memory card in the connection on the front of the unit.



2. Press **REC** to start the recording. If both the memory card and USB memory are connected you will be asked to choose the location you want to save the recording.

3. Press **■** to end the recording.

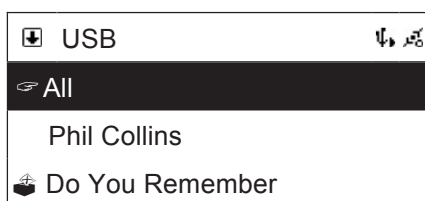
## 5. Playing music from USB memory

### 5.1 To play music from USB memory

1. Insert a USB memory device containing MP3 or WMA files into the USB port on the front of the unit. will show on the display when the USB memory is connected.

2. Press **MENU** to enter the main menu. Select USB and confirm with **SELECT/OK**.

#### Play all tracks



3. To play all the tracks use the arrow buttons to select **All**.

4. Then press **▶||** or **SELECT/OK** to start playback.

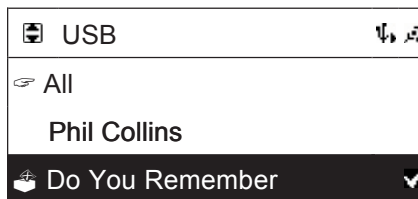
#### Play tracks from a specific folder

8. Use the arrows to select the desired folder and then press **SELECT/OK**

9. Use the arrows to select the track you wish to play. Then press **MEMORY** to mark the selected track.

10. Repeat the above to mark several tracks. The symbol marks the chosen track. Then press **▶||** or **SELECT/OK** to start the playback of marked tracks.

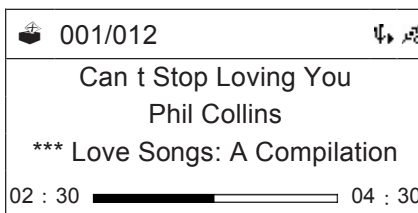
#### Playing marked tracks



5. Use the arrow to select the track you wish to play. Then press **MEMORY** to mark the selected track.



6. Repeat the above to select the desired tracks. The symbol marks the chosen track.

7. Then press **▶||** or **SELECT/OK** to start the playback of selected tracks.

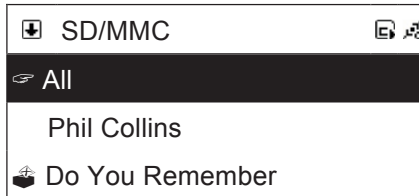


## 6. Play music from a Memory card

### 6.1 Play music from a SD/MMC memory card

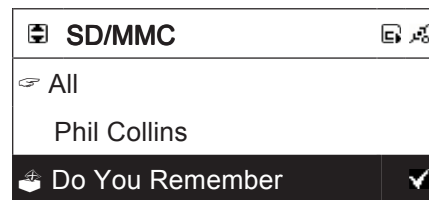
1. Insert a SD/MMC memory card containing MP3 or WMA files into the memory card slot on the front of the unit.  
 will show on the display when the memory card is connected.
2. Press **MENU** to enter the main menu. Select SD/MMC  Card and confirm with **SELECT/OK**.

#### Play all tracks



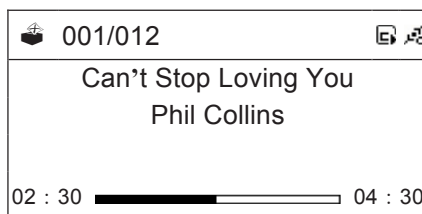
3. To play all the tracks use the arrow buttons to select **All**.
4. Then press ►|| or **SELECT/OK** to start the playback.

#### Play marked tracks



5. Use the arrow to select the track you wish to play. Then press **MEMORY** to mark the selected track.
6. Repeat the above to mark several tracks. The symbol ✓ marks the chosen track.
7. Then press ►|| or **SELECT/OK** to start the playback of marked tracks.

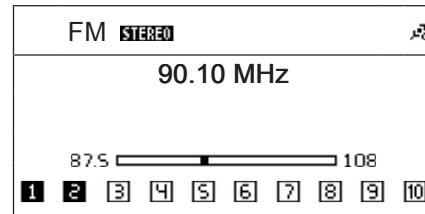
#### Play tracks from a specific folder



8. Use the arrows to select the desired folder and then press **SELECT/OK**.
9. Use the arrows to select the track you wish to play. Then press **MEMORY** to mark the selected track.
10. Repeat the above to mark several tracks. The symbol ✓ marks the chosen track. Then press ►|| or **SELECT/OK** to start the playback of marked tracks.

## 7. Using FM radio

### 7.1 Listen to FM radio



1. Press **MENU** to enter the main menu. Select FM and confirm with **SELECT/OK**.

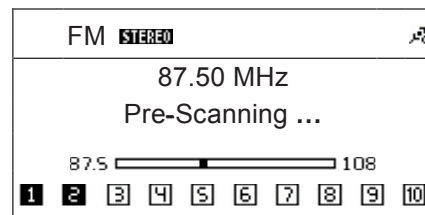
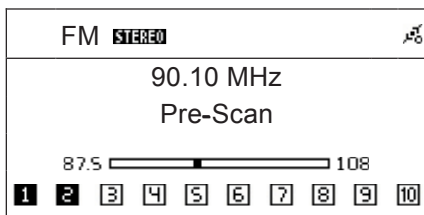
2. Press **I◀◀** or **▶▶I** to adjust the frequency upwards or downwards.

### 7.2 Quick search radio channel

To search for a radio channel press and hold **I◀◀** or **▶▶I** until the words **AUTO SEARCH** is shown on the display.

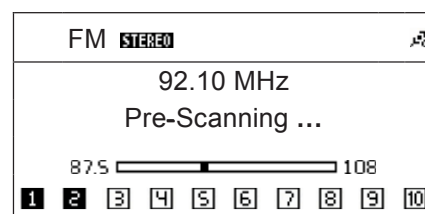
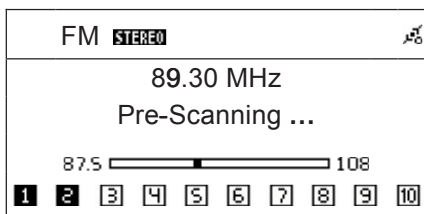
When a radio channel has been found, the search stops and **AUTO SEARCH** disappears from the display. To continue searching hold **I◀◀** or **▶▶I** to quickly search again.

### 7.3 Automatic search and storing radio channels



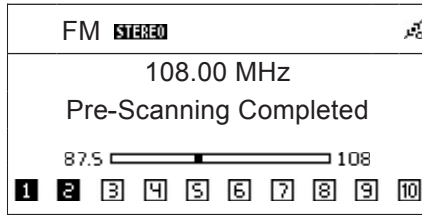
1. Press and hold **SELECT/OK** until the message **Pre-Scan** is shown on the display.

2. The search begins when the **SELECT/OK** button is released. The message **Pre-Scanning** will show in the display.

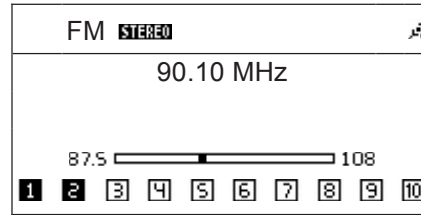


3. Any radio stations found are automatically stored in the channel list.

4. The search continues until the entire frequency band has been searched through.



5. When the search is completed the message **Pre-Scanning Completed** will show on the display.



6. Press ►|| to listen to the stored radio channels. Select any saved radio channels using the ↑ and ↓ buttons.

## 7.4 Store a radio channel in the channel list

1. Select the desired radio channel.
2. Press **MEMORY** once. **CH1** (memory location 1) will blink on the display.
3. Press |◀◀ or ▶▶| to select the memory location you want to store the channel in.
4. Press **SELECT/OK** to store the radio channel in the list.

## 7.5 Listen to a stored radio channel

1. Select radio position.
2. Press ↑ or ↓ to select the stored radio channel. The selected channel will show on the display.

## 7.6 Record from a FM radio to a USB memory or SD/MMC memory card

1. Select the desired radio channel.
2. Insert a USB memory or SD/MMC memory card in the connection on the front of the unit and then press **REC** once to start the recording.
3. If both the memory card and USB memory are connected you will be asked to choose the location where you want save the recording.
4. Press ■ to end the recording.

## 8. Listen to music through a media server

### 8.1 Compatible software (Media Server)

With a Media Server software installed in your computer, you can listen to music that is stored in your computer on your micro system. The music is transferred through the network to the micro system.

Examples of software which must be installed in the computer:

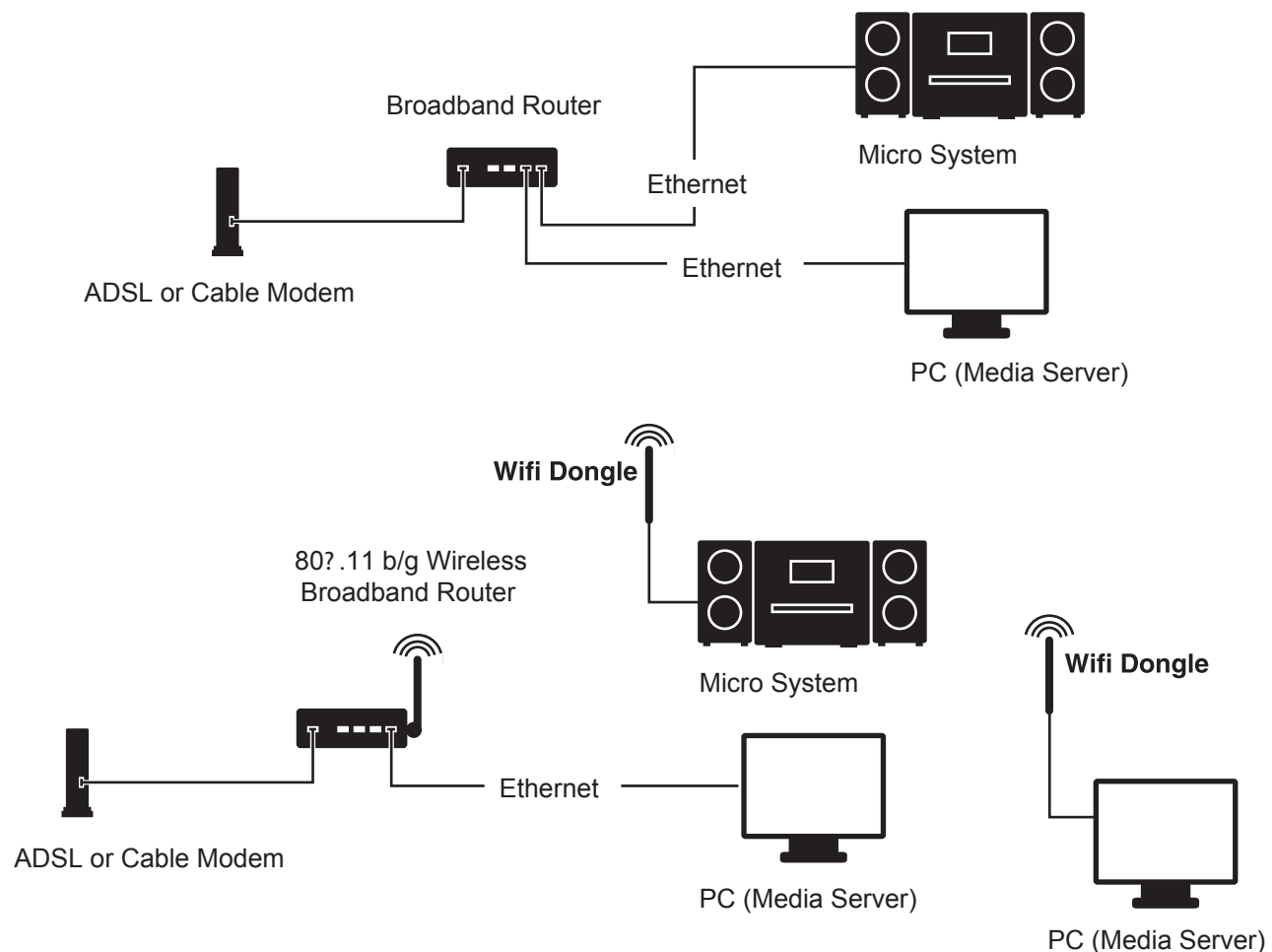
- Windows Media Player 11 or later (demands Windows XP with SP2)
- Media Tomb (for Linux) <http://mediatomb.cc/>

### 8.2 Prepare the computer and network for UPnP (Universal Plug and Play)

UPnP is a communication protocol collection. One unit can be connected to your network and will automatically obtain an IP address, notify its qualities and identify other connected units.

#### Prepare the computer:

1. Install the desired software on the computer, e.g. Windows Media Player 11 (or later).
2. Make sure that you have de-activated the firewall on the computer (even Windows built-in firewall) or that you have configured it to allow network traffic for the media server you have installed. Otherwise there is a risk that the micro system will not be able to find the media server on the network.
3. If the micro system connects to the Internet through a proxy server it must be activated.
4. Follow the software manufacturer's instructions on how to configure the programme to transfer the played music through the network. For example, Media sharing in Windows Media Player 11.
5. Connect the micro system to a network according to one of the below options.



Note: For further detailed information on network settings and media servers, please visit [www.orbyxelectronics.com](http://www.orbyxelectronics.com).

### 8.3 Playing music over the network

1. In the main menu select the option UPNP and press **SELECT/OK** to connect to the media server.
2. When the server is found, choose **Browse** to select media server (if there are several servers on the network).
3. Use | ◀◀ or ▶▶ | to browse the list select a song or title, artist, album or category.  
Press **SELECT/OK** to confirm.
4. Browse in the list to select a desired song. Press ▶|| to start the playback.

## 9. File manager

With the file manager you can copy files between USB memory and the SD/MMC memory card.  
In the main menu, select the option **Filemgr** to start the file manager.

Highlight the CD, USB or SD/MMC and confirm your selection by pressing **SELECT/OK** button on the unit or **OK** button on the remote control. Please note that only data CD can be accessed by the FILE MANAGER. When an audio CD is inserted, the message in the picture to the right is displayed on the LCD display.

- Select the storage medium that you want to access (e.g. USB).
- You can open a folder (e.g. "Recording") or highlight a file directly using the **MEMORY** button
- All the highlighted tracks are marked with a tick on the LCD display.
- Press the **REC** button
- The following menu appears on the display  
"Copy  
Move  
Delete"
- Press the **SELECT/OK** button on the unit or **OK** button on the remote control to confirm your selection (e.g. Copy)
- Then choose the storage medium (USB or SD/MMC) on that the files shall be saved.
- After you have selected the storage medium (e.g. SD/MMC) you can select a folder in that you want to save the file by pressing **SELECT/OK** button on the main unit or **OK** button on the remote control.
- The subfolder (e.g. ALL) opens. Press the **REC** button. The following menu appears on the display  
"Paste  
Abort"
- Select "Paste" and press **SELECT/OK** or **OK**. The device starts to copy the file.
- The process is displayed in percent on the LCD display.
- When the copy is completed the message "**Successful! OK**" appears.
- If not sufficient space is available on the storage device, the system displays the error message **:Error! Memory Full!**". In this case, please press the **SELECT/OK** or **OK** to return the previous menu.

## 10. AUX

The stereo can be used as an external amplifier for external sound sources, e.g. portable MP3 players.



1. Connect the external sound source using a 3.5 mm stereo cable (not included) to the port marked AUX located on the back of the micro system.
2. In the main menu, select the option **AUX** and then start the playing of the external sound source.
3. Adjust the sound volume on both stereo devices and on the external sound source.



## 11. Settings

Any stereo adjustments are done in the menu Settings and its submenus. The instructions in this chapter describe the submenus.

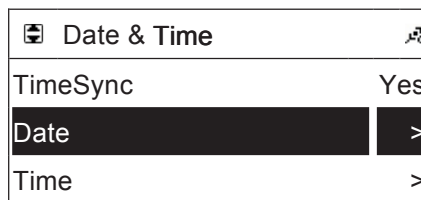
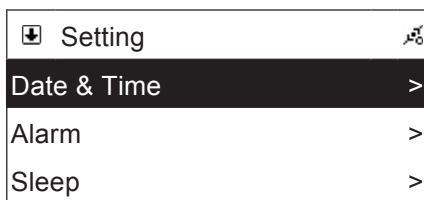
### 11.1 Setting time and date

The built-in clock automatically updates the time and date if the device is connected to the Internet. Synchronization of time and date occurs every day at 12.00 and 24.00 hours and every time the unit is turned on. Time Sync will show on the display when the time and date is updated.



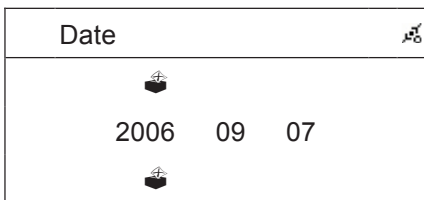
#### 11.1.1 Setting the date manually

If you do not have an Internet connection, the date can be set manually.



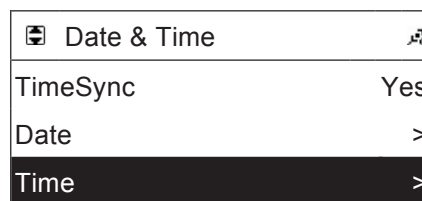
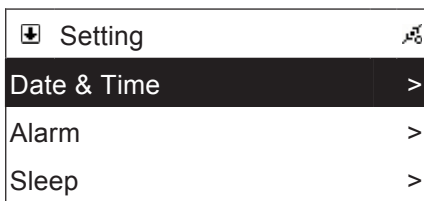
1. Under setting, select **Date & Time** and confirm with **SELECT/OK**.

2. Select Date and confirm with **SELECT/OK**.
3. Use buttons **↑** and **↓** to set the year, month and date. Press **SELECT/OK** to confirm and to move to the next setting.
4. When you have adjusted the year, month and day press **SELECT/OK** again to save your settings.



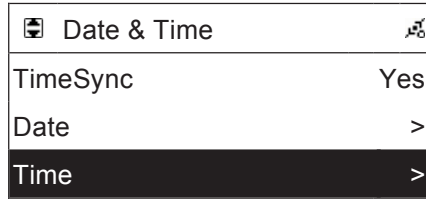
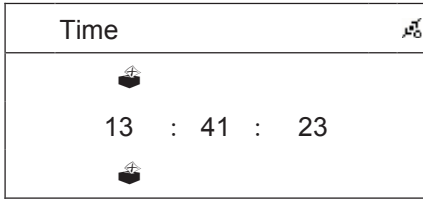
#### 11.1.2 Setting the time manually

If you do not have an Internet connection, the time can be adjusted manually.



1. Under setting, Select Date & Time and confirm with **SELECT/OK**.

2. Select Time and confirm with **SELECT/OK**.



3. Use the ↑ or ↓ to set the hours. Then press **SELECT/OK** to confirm and to set the minutes.

4. When you have adjusted the hour and minutes, press **SELECT/OK** again to save your adjustments.

## 11.2 Sleep function (automatic shut off)

The micro system can be programmed to turn off automatically according to a set time.

1. Select **Sleep** and confirm with **SELECT/OK**.
2. Select **Sleep** and press **SELECT/OK** to turn the function on or off.
3. Select **Sleep** Minutes and use the **SELECT/OK** button to choose the time for automatic shut off.
4. When the function is activated “Zz” lights up in the upper part of the display.

## 11.3 Network adjustments

### 11.3.1 List of possible symbols for connection to the network

#### Connection through network cable



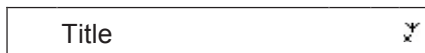
A network cable is not connected.



An IP address could not be obtained.



Correct connection to the network through network cable.

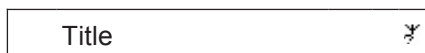


The wireless network adaptor is not correctly connected.

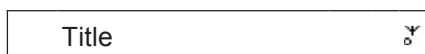
#### Connection through the wireless network



The wireless network adaptor is correctly connected and has obtained an IP address. The network adaptor is in Green Mode.







The wireless network adaptor is correctly connected but has failed to obtain an IP address.



The wireless network adaptor is correctly connected and has obtained an IP address.

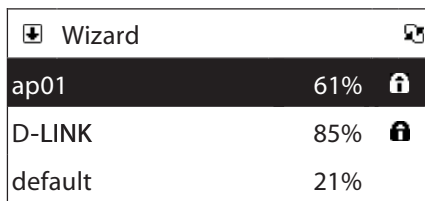
**Measure of signal strength for wireless network**

Title 	Weak (Under 20%)
Title 	Low (20%-59%)
Title 	Good (60% - 79%)
Title 	Very good (over 80%)

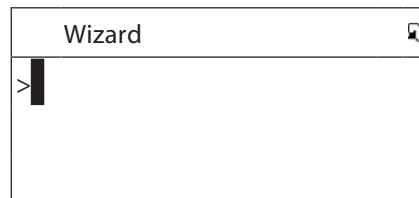
**11.3.2 Connect to a wireless network**

Connect with help of the connection guide (Wizard).

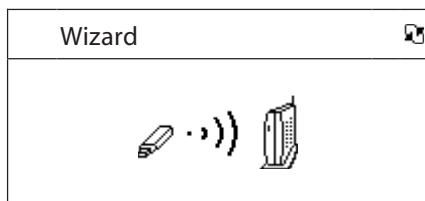
1. Place the wireless network adaptor in the USB socket marked WiFi on the back of the unit.
2. Select **Network** and confirm with **SELECT/OK**.
3. Select **Connect** and press **SELECT/OK** to choose between **LAN** (network cable) and **WLAN** (wireless network). Select **WLAN**.
4. Select Wizard to start the connection guide. The search for an accessible network begins.



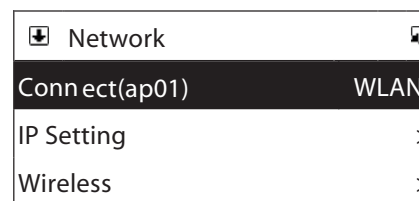
→



5. Select the desired network to connect, then press **SELECT/OK**.
6. If a network uses a network key (password), enter it here. Press **SELECT/OK** to start the feed.
7. Enter a letter using the remote control's digits, then press **▶▶I** to enter the next letter. Confirm with **SELECT/OK** once you have entered the entire network key.



→



8. Press **STOP/ESC** to save the network key and return to the menu. The network key will be verified by the network.
9. When the network menu displays again, the connection is complete. Press **STOP/ESC** again to finish and exit the menu.

### 11.3.3 Enter a static (fixed) IP address

1. Select Network and press **SELECT/OK** to confirm.

Network	
Connect	LAN
IP Setting	>
Use Proxy	No

→

IP Setting	
IP Source	Dymanic

2. Select **IP Setting** and press **SELECT/OK**.

3. Select **IP** source and press **SELECT/OK** to select **Dynamic** (Obtain an IP address automatically) or **Static** (Use a fixed IP address).

IP Setting	
IP Source	Static
TCP/IP	>
DNS	>

→

TCP/IP	
IP	192.169.001.100
Mask	255.255.255.000
GW	192.169.001.254

4. Select **TCP/IP** in the menu to enter an IP address.
5. Enter a number using the remote control's digits. Press ►►| to enter the next number in the IP address.

6. Confirm with **SELECT/OK** once you have entered the IP address. Continue by entering a net mask and gateway.
7. If a wrong IP address, net mask or gateway is entered the following error notification will display:

TCP/IP	
The IP Setting Value is illegal ! Setting is Changed to Default !	

### 11.3.4 Enter DNS server

1. Select Network and confirm with **SELECT/OK**.

IP Setting	
IP Source	Static
TCP/IP	>
DNS	>

2. Select **DNS** and press **SELECT/OK**.

DNS	
DNS1	168.095.001.001
DNS2	000.000.000.000

3. Enter DNS server 1 and 2 in the same manner as you entered the IP address.

### 11.3.5 Use with Proxy-server

If the micro system is used on the network where the connection occurs through a proxy server this is indicated in the submenu "Use Proxy."

- Enter the domain and port for the proxy server using the remote control's digits.

### 11.4 Language

The menu settings are multi-lingual. Choose your desired language for the MENU from English, German, Spanish, Portuguese, French, Italian, Swedish, Finnish, Dutch, Danish, Traditional Chinese or Norwegian.

### 11.5 Information

Select Information to view the software versions and network installations.

### 11.6 Firmware Upgrade

Press **OK** and select **YES** to check for firmware upgrades (with LAN or WI-FI connected). Select **ONLINE** and the unit will automatically check if there is any updated firmware. Select the update firmware and press **OK** to download and install.

### 11.7 Return to manufacturer's settings

Select "Reset all Settings" to return the micro system to the original default settings at time of delivery.

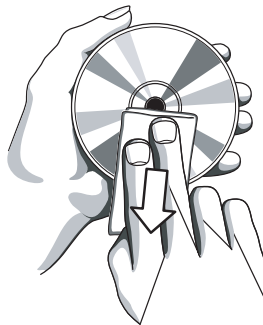
## Care and Maintenance

### General Care

- Use a soft, dry cloth to clean the unit. Do not use detergent that may contain alcohol, ammonia, petrol or abrasives as it can damage the casing.

### Maintenance of CD player and CD discs

- The CD player's lens must not be touched!
- Sudden changes in the surrounding temperature can cause condensation and the lens can be covered by vapour. In this case, it is not possible to play a CD.
- Do not try to dry off the lens. Instead let the unit stand in a warm room until the moisture has evaporated.
- Always close the CD door to keep the CD tray free from dust. Use a soft, dry cloth to remove dust if needed.
- If the CD needs to be cleaned, it can be cleaned with a soft, lint free cloth wiping from the middle out towards the edge in a straight line. Do not use detergent as it can damage the CD.
- Never attach stickers to the CD.



## Troubleshooting

### The Micro System

#### No sound/ No voltage.

- The volume is not adjusted. Turn up the volume.
- No voltage in the wall socket. Check the wall socket and the stereo's power cord.
- Ensure the speakers are properly connected.

#### The display does not work properly or at all. Nothing is shown in the display when any of the controls are used.

- Static electricity needs to be uncharged. Turn off the unit and unplug. Wait a couple of seconds, then re-insert the plug.

### CD player

#### No disc indication.

- No CD is inserted. Insert a CD, CD-R or CD-RW.
- The CD disc is scratched or dirty. Change or clean the disc. See instructions for care.
- The laser lens is misty. Wait until the lens has adjusted to the room's temperature.
- The CD-R disc is empty or the copying has not finished. Use a copied CD-R.

#### Playing of the CD does not work.

- The CD disc is scratched or dirty. Change or clean the disc. See section for care.
- The laser lens is misty. Wait until the lens has adjusted to the room's temperature.

#### The CD player hops over tracks.

- The CD disc is scratched or dirty. Change or clean the disc.

#### The display does not show the title of the CD songs.

- Check the network adjustments and ensure that the micro system is connected to the Internet.
- Try removing and re-inserting in the disc again.
- The CD information is not included in the Gracenote media database.

### Recording

It is not possible to record to USB memory.

- Make sure that the USB memory is correctly inserted.
- Check that there is enough memory space on the USB memory.
- Check that the USB memory is not write protected.

#### It is not possible to record to memory card.

- Make sure that the memory card is correctly inserted.
- Check that there is enough memory space on the memory card.
- Check that the memory card is not write protected.

## Internet radio

### The Internet radio does not function/ The list does not show any stations at all.

- Check the network adjustments and also that the stereo is connected to the Internet.
- Use a computer to check that a desired station can be reached and that it still exists. It can take a while before the list is updated if the radio station stops sending.

### The Internet radio locks when connected.

- Check the network adjustments and also that the stereo is connected to the Internet.

### The list shows several stations but they can't be listened to.

- Check the network adjustments and also that the stereo is connected to the Internet.
- Check that any possible firewalls are deactivated.
- Make sure that any proxy installations are correct.

### The message "No More Data" appears.

- Check the network adjustments and also that the stereo is connected to the Internet.
- The Internet connection's band width is limited or heavily loaded.

## Disposal

Follow local ordinances when disposing of this product. If you are unsure about how to dispose of this product contact your municipality.

## Specifications

Mains supply	120V AC, 50Hz
Battery type, remote control	2 x AAA (not included)
Frequency area radio	FM 88 – 108 MHz
Outputs	Low level (RCA), Subwoofer (RCA)
Inputs	AUX (3.5 mm)
Network outlet	1x 10/100 Mbps (RJ45)
WLAN	802.11 b/g (via network adaptor)
Security, WLAN	WEP 64/128, WPA-PSK-encryption
Proxy	Support for proxy
Size	
Main unit	170x215x150 mm (6.69" x 8.46" x 5.91")
Speakers	142x177x220 mm (5.59" x 6.97" x 8.66")

# The FCC Wants You To Know

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed or used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: 1) reorient or relocate the receiving antenna; 2) increase the separation between the equipment and the receiver; 3) connect the equipment to an outlet on a circuit different from that to which the receiver is connected; 4) consult the dealer or an experienced radio/TV technician for additional suggestions.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Where shielded interface cables have been provided with the product or specified additional components or accessories elsewhere defined to be used with the installation of the product, they must be used in order to ensure compliance with FCC regulation.

## **Canadian DOC statement**

DOC Class B Compliance - This Class B digital apparatus complies with Canadian ICES-003.

## **Industry Canada Notice**

This device complies with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of Industry Canada.





## LIMITED WARRANTY

### Who is Providing This Warranty?

- Orbyx Electronics, LLC ("Orbyx"), as the distributor of this Centrios™ product (your "Product").

### What Does This Warranty Cover?

- This warranty covers defects in materials or workmanship in your Product under normal use and conditions.

### What is the Period of Coverage?

- This warranty covers your Product for 12 months from the original purchase date.

### Who Is Covered?

- This warranty covers the original consumer purchaser. Coverage terminates if you sell or otherwise transfer your Product.

### What Will We Do To Correct Problems?

- We will repair your Product or replace your Product with a new or reconditioned equivalent product, at our option.

### How Do You Get Service?

- Call Orbyx TOLL FREE at 1-866-363-3059 for instructions for obtaining warranty service from Orbyx's authorized service providers.
- Or, return your Product directly to the retail store from which you purchased the Product.
- When you obtain service for your Product, you must provide a purchase receipt (or other proof of the original purchase date) and a description of the defect(s).

### What Does This Warranty Not Cover?

- This warranty DOES NOT COVER:
  - damage due to misuse, abuse, alteration, unauthorized repair, or accident (such as improper electrical current);
  - damage due to "acts of God" (such as lightning) or other contingencies beyond our control;
  - cosmetic damage;
  - externally generated static, signal reception or antenna problems not caused by your Product; or batteries.
- This warranty also DOES NOT COVER, and in no case will we be liable for, any incidental damages (such as transportation costs to and from an authorized service provider, or loss of time) or consequential damages (such as costs of repairing or replacing other property which is damaged, including tapes, discs, speakers not included with your Product or other accessories, or external electrical systems) resulting from the use of your Product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
- Defacing the serial number, or using your Product for commercial or institutional purposes, voids this warranty.

### Are There Other Warranties?

- There are no express warranties other than those expressed herein. Neither the sales personnel nor any other person is authorized to make any other warranties or to extend the duration of any warranties.
- ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY (AN UNWRITTEN WARRANTY THAT A PRODUCT IS FIT FOR ORDINARY USE), ARE LIMITED TO 90 DAYS. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

### How Does State Law Apply?

- This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.



## LIMITED WARRANTY

### ORBYX ELECTRONICS WARRANTY

ORBYX Electronics warrants that this product will be free from defects in materials and workmanship for a period of one (1) year from the date of purchase. Within this period, simply take the product and your proof of purchase to any ORBYX Electronics store or dealer and the product will be repaired without charge for parts and labour. ORBYX Electronics reserves the right to charge for transportation. Any product which has been subject to misuse or accidental damage is excluded from this warranty.

This warranty is only applicable to a product purchased through ORBYX Electronics' company owned stores and dealers and to a product that is presented for repair in a country where ORBYX Electronics offers the product for sale. While this warranty does not confer any legal rights other than those set out above, you may have additional statutory rights which will vary under the laws of the various countries, states, province and other governmental entities in which ORBYX Electronics operates. This warranty is subject to all statutory rights you may have in the country of purchase.

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