

# INDIO mini internet radio



## User's Guide Bedienungsanleitung Guide d'utilisation

# AVOX

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## • COPYRIGHT AND TRADEMARKS

INDIO is a registered trademark of Avox Technology GmbH

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## • IMPORTANT SAFETY INSTRUCTIONS

### **WARNING:**

- To reduce the risk of fire or electrical shock, do not expose the product to rain or moisture.
- The product shall not be exposed to any dripping or splashing. Objects filled with liquids, such as vases, should not be placed on the product.
- No open flame sources, such as lighted candles, should be placed on the product.
- Keep the remote control battery away from children. It may cause a fire or chemical burn if mishandled. Do not recharge, disassemble, heat above 100° C (212° F), or incinerate. Dispose of used batteries promptly. Replace only with a battery of the correct type and model number.

**Caution: please read the important safety instructions carefully to ensure a safe operation.**

1. Read instructions - all safety instructions should be read before the product is operated.
2. Retain instructions - the safety instruction should be retained for future reference.
3. Follow instructions -all instructions should be followed.
4. Heed warnings - all warnings on the product and in the user's guide should be adhered to.
5. Power source - the product should be connected to a power supply only of the type specified in the user's guide or as marked on the product.
6. Power cord protection - protect the power cord from being walked on or pinched, particularly at plugs and convenience receptacles.
7. Water and moisture - the product should not be used near water (for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.).
8. Heat - keep the product away from heat sources such as radiators, heat registers, stoves or other appliances that produce heat.
9. Damage requiring service - the product should be serviced by qualified service personnel when:
  - a) the power supply cord or the plug has been damaged: or
  - b) objects have fallen or liquid has been spilled into the product: or
  - c) the product has been exposed to rain: or
  - d) the product does not appear to operate normally or exhibits a marked change in performance: or
  - e) the product has been dropped, or the enclosure damaged.
10. Servicing - the user should not attempt to service the product. All servicing should be referred to qualified service personnel.
11. Unplug the power adapter during lightning storms or when unused for long periods of time.

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## Contents

INDIO, power adapter, remote control, User's Guide

## Inhalt

INDIO, Netzteil, Fernbedienung, Bedienungsanleitung

## Contenu

INDIO, adaptateur secteur, télécommande, Guide d'utilisation

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## • What you need before you can use INDIO

Before you can use your INDIO, you need the following:

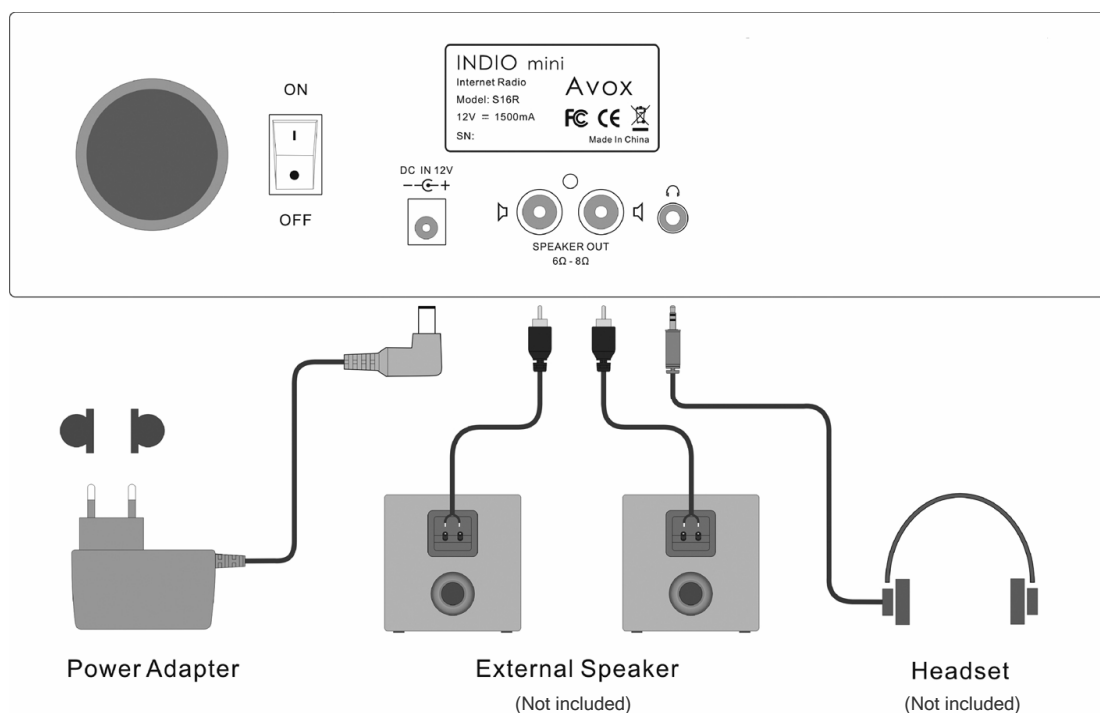
- A broadband internet connection.
- A wireless (WiFi) access point, preferably a router, connected to your broadband internet.
- If your wireless network is configured to use Wired Equivalent Privacy (WEP) or WiFi Protected Access (WPA) data encryption then you need to know the WEP or WPA code so you can get INDIO to communicate with the network.

INDIO should work anywhere within 100 meters of the wireless access point.

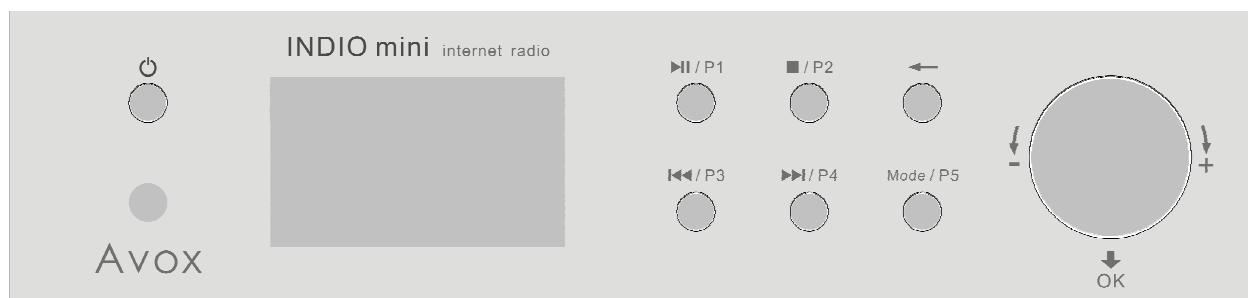
Before you continue, make sure that your wireless access point is powered up and connected to your broadband internet.

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## • Connections



# Functions & Controls



		Standby / ON	
		UP / DOWN	To select or adjust/change
		OK	
		BACK	To previous menu/screen
		MENU	To the main menu
		MUTE	
		VOL+ / VOL-	Increase/Decrease Volume
		Preset 1 to 10	
		Preset 1, 2, 3, 4, and 5	
		Alarm	Set Alarms Clock
		Timer	Set Sleep Timer
		Play / Pause	
		Stop	
	Next		
	Previous		

\* Use the MENU button to go to the main menu or the BACK button to go back to previous menu/screen.

\* Use the knob or the UP/DOWN buttons to select and push the knob (OK) or press the OK button to decide/execute.

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## • Display Icons

Icons are displayed on the bottom row of the display. The meaning of these icons is explained below.



INDIO is in 'Internet Radio' mode and is playing a live stream.



WiFi signal-strength indicator.



Mute indicator.



Sleep timer.



Alarm-set indicator.



INDIO is in 'Media Player' mode. Media controls (**PLAY/PAUSE** etc.) are active.



INDIO is in 'Internet Radio' mode and is playing on demand content.



Repeat mode enabled.



Shuffle mode enabled.

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## Getting Started

\* Use the MENU button to go to the main menu or the BACK button to go back to previous menu/screen.

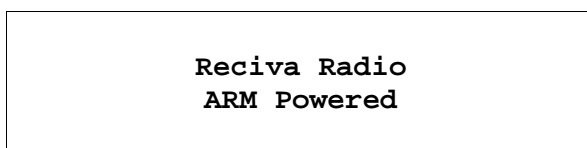
\* Use the knob or the UP/DOWN buttons to select and push the knob (OK) or press the OK button to decide/execute.

### 1 - Power up

Plug the cord from the adapter into the socket labelled DC IN 12V on the back of INDIO and switch it ON.

**CAUTION:** Use only the power adapter supplied with INDIO. Connecting a power supply with a different rating will cause permanent damage to INDIO and may be hazardous.

The screen will light up and display:



Then:

**INDIO**

And then:

**Scan for networks**

Press **OK**.

**Scanning**

## 2 - Scan for a wireless network connection

INDIO will now scan for all available wireless networks and will display them. If it can't find one then the screen will display:

**No Wireless  
Networks Found**

If this happens then you will have to get your wireless access point working - see the instructions supplied with it.

When INDIO finds your wireless network, it displays the ESS-ID for the access point on the screen - this is a name that is allocated to the access point by the person who set up the network - for example:

**INDIO Network**

It is possible, and in some locations highly likely, that your radio will find more than one wireless access point, in which case you can choose which one you want to connect to. Turn the knob on INDIO to see the ESS-ID for each access point INDIO has found.

## 3 - Connect to the wireless network

When the ESS-ID for the access point you want to connect to is displayed on the screen, press **OK**.

If your network is not configured to need an encryption code, the screen should display:

**Connecting to  
Network**

Then:

**Network OK**

If the screen displays either:

**Enter WEP key**

Or:

**Enter WPA key**

Then the network is using one of the encryption systems: Wired Equivalent Privacy (WEP) or WiFi Protected Access (WPA). You therefore need to enter the correct WEP or WPA password into INDIO to get it to communicate with your network.

Only the person who set up the network in the first place knows this password; if that person is not you then you need to find out what it is.

After 3 seconds, the display goes into the password entry mode:

<END ◀ ▶ A BCDEF>  
■

To enter the password, use the knob or the **UP/DOWN** buttons to select each letter/number/symbol of the password in turn, pressing **OK** after each letter. Note that WEP and WPA passwords are sensitive to upper and lower case characters so you must enter them exactly.

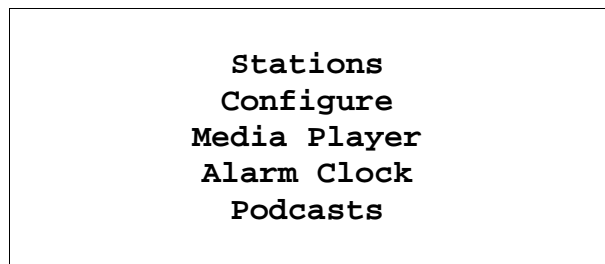
After entering the final letter/number/symbol, select **END** and press **OK**.

INDIO should now be able to connect to the network.

Note: if you would like to give your radio a static IP address then please see the 'Network config' section under the 'Configure' section.

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# Main Menu



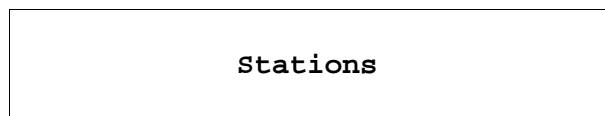
- \* Use the MENU button to go to the main menu or the BACK button to go back to previous menu/screen.
- \* Use the knob or the UP/DOWN buttons to select and push the knob (OK) or press the OK button to decide/execute.

## Internet Radio

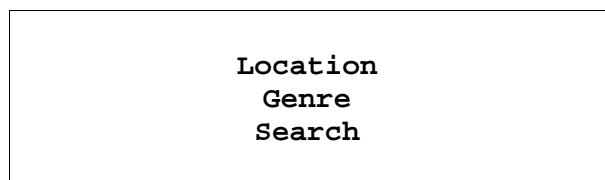
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### Tuning to the radio station

Select



Press OK



1. **Location** -- to choose stations by their countries or regions.
2. **Genre** -- to choose stations according to their types of content, for example: Top 40, Rock, Sport.
3. **Search** -- to find stations by their name or type or any criteria, for example: KCRW, Chanson.

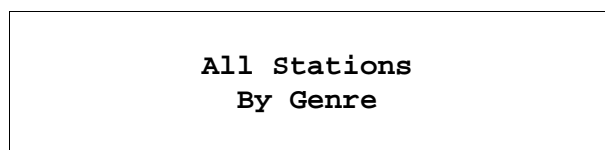
- \* Use the MENU button to go to the main menu or the BACK button to go back to previous menu/screen.
- \* Use the knob or the UP/DOWN buttons to select and push the knob (OK) or press the OK button to decide/execute.

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## 1. Location



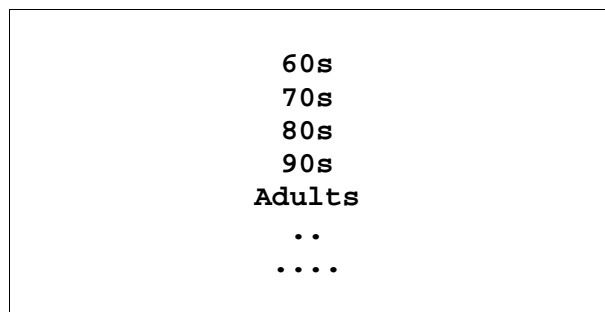
1. Select the country you want then press **OK**.
2. Choose to find the desired station from all stations available in the country or by the genre:



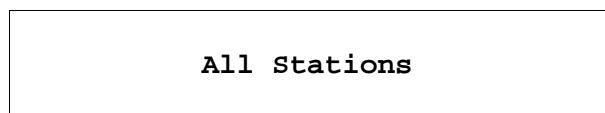
3. Select the station you want then press **OK**.
4. Wait until INDIO connects to that station.

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## 2. Genre



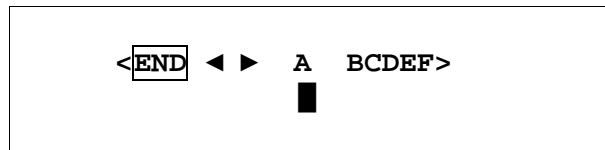
1. Select the type of content you want then press **OK**.
2. Choose to find the desired station from all stations available in the genre or by the country:



3. Select the station you want then press **OK**.
4. Wait until INDIO connects to that station.

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### 3. Search



1. Use the knob on the panel or the **UP/DOWN** buttons to select the index letters or word for searching the station(s) or location(s) or type of the station(s) you want to find. Select **END** and press **OK** after entering the whole index.
2. Select the station you want then press **OK**.
3. Wait until INDIO connects to that station.

\* Note that some radio stations do not broadcast 24 hours per day, and some stations are not always on-line.

\* If this station has on-demand content (that is, it gives the option of listening to programmes which have already been broadcast), see 'Stations which enable you to choose what you listen to'.

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#### • Changing the station

- A. Use the **UP/DOWN** buttons to browse other radio stations while playing. Press **OK** to change.
- B. Use the **BACK** and **OK** buttons to reach the station list and to change.

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#### • Changing the volume

- A. Press **VOL+ / VOL-** in ANY state to change the volume.
- B. Use the knob to change the volume **ONLY** when it is in playing mode and displaying the radio station info.

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#### • Returning to the menu

- A. Press **MENU** to return to the main menu or
- B. Press **BACK** to return to the previous menu or screen.

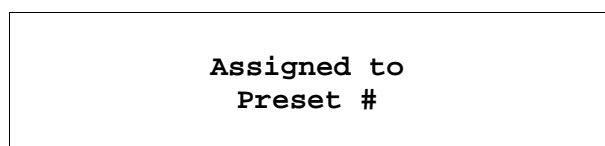
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#### • Storing a radio station in a preset

Whilst a radio station is playing,

- A. Press and hold one of the number 1 to 10 on the remote control to store the radio station or
- B. Press and hold one of the five buttons on the panel with number 1, 2, 3, 4, and 5 to store the radio station to preset 1 to 5.

Hold until the screen displays:



Where # is the number of the button you held down.

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- **Playing a preset radio station**

- A. Press the number 1 to 10 on the remote control briefly to play the preset radio station or
- B. Press the one of five buttons on the panel briefly to play preset radio station 1 to 5. (Note, do not hold the button down - if you do then the station currently playing will overwrite the one stored in the preset; be careful).

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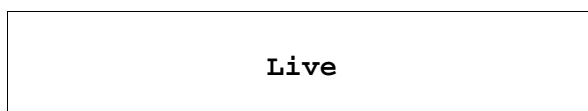
- **Requesting a station that is currently unavailable**

If you want to listen to a particular radio station which is currently not available online, you can visit the Reciva website at <http://www.reciva.com/> and put in a request to add the station to the list.

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- **Stations which enable you to choose what you listen to**

Some radio stations can provide a number of options associated with their station; for example, some stations enable you to listen to programmes that have already been broadcast. When you select a radio station that has this facility, the station does not start playing immediately, but instead the display shows:



1. Choose Live or On Demand and then press **OK**.

If you choose Live then INDIO plays the current output from this station as normal.

If you choose On Demand then more screens are displayed where you choose what you want to listen to.

What is displayed will depend on the station you have chosen - the following steps are only a guide.

2. When you choose On Demand, the display shows the names of the programmes. Choose the program you want and press **OK**.
3. When you have chosen the programme you want to listen to, either it will just start playing, or the display may show a list of days for you to choose from - set the day the programme was broadcast and then press **OK**.
4. After you have chosen the day, you may be able to choose the Start Time. Set the Start Time and press **OK**.
5. Programmes which enable you to choose the time also enable you to fast-forward and rewind to the part you want while INDIO is playing. When you press the **PREVIOUS** or **NEXT** button, the elapsed time that the programme has been playing is displayed. You can now turn the knob to change this time. You can also use the **PREVIOUS** or **NEXT** buttons to adjust the time. When you press **OK** again, the programme will play from that point.
6. Once INDIO is playing a programme that allows you to choose its start time, INDIO's preset buttons on the panel become playback-control buttons for the stream; e.g. you can press **PAUSE** at any time to pause the stream, and then press **PLAY** to resume playing. It is only possible to assign this type of stream to presets 1 - 10 on the remote control.

# Podcasts

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## Listening to Podcasts

Select



Press **OK**



Use the knob or the **UP/DOWN** buttons to choose your preferred podcast then press **OK**.

\* Use the **MENU** button to go to the main menu or the **BACK** button to go back to previous menu/screen.

\* Use the knob or the **UP/DOWN** buttons to select and push the knob (**OK**) or press the **OK** button to decide/execute.

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- **Setting the clock**

1. Select 'Configure' from the main menu and press **OK**.

Configure

2. Select 'Clock Setup' and press **OK**.

Clock Setup

Then

Set Time/Date

3. Press **OK**.

Set Time  
14:03

4. Using the knob or the **UP/DOWN** buttons to set the correct hour then press **OK**.

Set Time  
15:03

5. Set the correct minute and press **OK**.

Time Set:  
15:06

Then

Set Date  
30 Mar 2008

6. Use the same method to set the correct day, month and year then press **OK**.

Time and Date  
Set

The screen stays about 3 sec. then changes to the Set Time/Date screens for another couple sec., and then returns to the original screen or the playing screen, depends.

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- **Setting the alarm**

1. Select 'Alarm Clock' from the main menu and press **OK** or press the **Alarm** button on the remote control.

**Alarm Clock**

Then

**Set Alarms  
Sleep Timer**

2. Select 'Set Alarms' and press **OK**.

**Disable all**  
**1 OFF 00:00 Sunday**  
**2 OFF 00:00 Sunday**

3. Use the knob or the **UP/DOWN** buttons to swap between the various alarms and 'Disable All'. Pressing **OK** on 'Disable All' will cause all the alarms to be turned off. The display will then say 'All alarms disabled' for 3 seconds, then returns to INDIO station display.

**All alarms disabled**

4. Select one of the numbered alarms to set the time for the alarm.

**Set Alarm**  
**15:06**

5. Set the desired alarm time then press **OK**.

**Set Alarm**  
**07:06**

Then

**Once**  
**Everyday**  
**Weekly**  
**..**

6. Choose to activate the alarm 'Once', 'Every Day', 'Weekly', 'Weekdays' and 'Weekends'. If you choose 'Once' or 'Weekly', then you will need to choose which day you would the alarm to be activated on and then press **OK**.

Buzzer  
KCRW FM101.9  
Kool FM Jamaica  
..

7. Select which type of alarm you would like to use (the buzzer or a station that is assigned to a preset) and then press **OK** to set.

Alarm Set:

\* Press any button to stop the alarm.

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## • Setting the sleep timer

1. Select 'Alarm Clock' from the main menu and press **OK** or press the '**Alarm**' button on the remote control.

Alarm Clock

Then

Set Alarms  
Sleep Timer

2. Select 'Sleep Timer' from this menu and press **OK** or just press the '**Timer**' button on the remote control from the start.

Sleep Timeout  
< Off >

3. Use the knob or the **UP/DOWN** buttons to select the timer from 15min., 30min., 45min, ... up to 3hours 15min. to switch off INDIO, or to set it off. Press **OK** to set.

Timer Set

# Configure

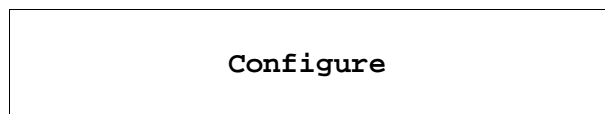
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## Configure menu

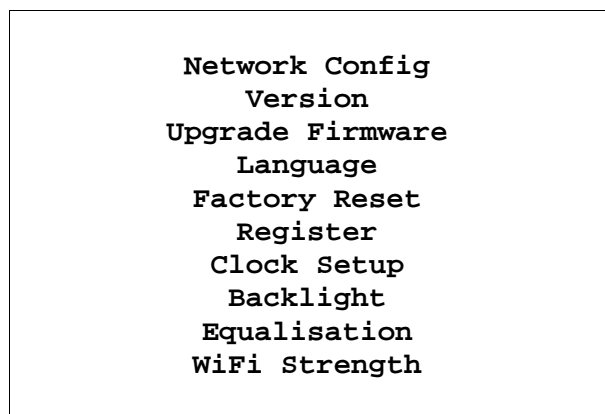
\* Use the MENU button to go to the main menu or the BACK button to go back to previous menu/screen.

\* Use the knob or the UP/DOWN buttons to select and push the knob (OK) or press the OK button to decide/execute.

Select



Press OK.



Choose the option shown on the display and press **OK**. The options are explained below.

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## 1. Network Config

This menu enables you to configure your INDIO's network settings, scan again for a connection to another wireless network, or to manually configure the network parameters. This is useful if you take your INDIO to another building where you want to use it.

### Configuring INDIO to use a static IP address

In order for your INDIO to use a static IP address on your network, you will need to do the following:

1. Select the 'Edit Config' from the 'Network Config' menu and then press **OK**.
2. INDIO will now display 'Auto (DHCP)? YES / NO'. Select 'NO' and then press **OK**.
3. You will now be able to enter the IP address you wish to give your radio by using the rotary encoder to select the desired numbers followed by pressing **OK** to end inputting the address.
4. INDIO will now prompt you to enter the required network mask for the network. You will be able to enter this in the same way as before for entering the IP address.
5. You will now need to enter the default gateway's IP address used by INDIO on the network.

6. Finally, you will need to enter the DNS IP address for INDIO. On some networks, you may need to enter your ISP's DNS IP address, which should be available on your ISP's support page on their website.
7. After entering the above information, INDIO will now connect successfully to your network. In order to make INDIO use DHCP again (to automatically get its network information when it attempts to connect to a network), you will need to select 'Configure' - 'Network Config' - 'Edit Config' and then set 'Auto (DHCP)? YES / NO' to 'YES'.

## Configuring INDIO to only use a WiFi connection

Selecting the 'Wireless Only' option from the 'Wired/Wireless' menu will cause INDIO to reboot and then only use its WiFi connection to communicate with the network. INDIO will also disable its Ethernet connection.

### \* Configuring INDIO to only use a wired Ethernet connection

Select 'Wired/Wireless' from the 'Network Config' menu. This menu will present you with three options: 'Wireless Only', 'Wired' and 'Auto'. Selecting 'Wired Only' will cause INDIO to reboot and then only use its Ethernet connection to communicate with the network. INDIO will also disable its wireless network capabilities.

### \* Configuring INDIO to use either an Ethernet or a wireless connection

Selecting the 'Auto' option from the 'Wired/Wireless' menu will cause INDIO to reboot and then attempt to establish an Ethernet connection, if it is available, to communicate with the network. Otherwise, INDIO will attempt to establish a WiFi connection to the network.

Once INDIO has established a certain type of connection to the network, then this type of connection will remain in use while INDIO is on.

The 'Network Config' menu also allows you to choose whether or not INDIO displays a warning message when its network signal strength is low. You can enable this feature by selecting 'Signal Warning' and then selecting 'YES'.

**\* Only applicable to the model equipped with an Ethernet port. An Ethernet connection from a router or broadband sharing device is also required.**

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## 2. Version

Displays the versions numbers of the various parts of software and hardware on your INDIO.

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## 3. Upgrade Firmware

Use this option to check to see if there is any new firmware available occasionally. If there is new firmware available, then INDIO will prompt you if you want to download it or not. Select YES to start the firmware download or NO to leave. Note, at this stage, you can press **BACK** button to cancel.

**\*\*\* A Firmware upgrade may take several minutes, so do NOT switch off the power until the operation is complete otherwise INDIO may become permanently damaged.**

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## 4. Language

Select the display language.

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## 5. Factory Reset

Puts all the settings back to their defaults as they were when they left the factory. If you perform a factory reset on your radio you will lose all your presets and your wireless network connection.

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## 6. Register

This will display a key that can be used to register INDIO on the Reciva Customer portal:  
*<http://www.reciva.com/>*

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## 7. Clock Setup

To set the time, to set an alarm and to view the current alarm setting, see ‘

Setting the clock ‘, ‘Setting the alarm‘.

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## 8. Backlight

Adjust the brightness of the display.

1. After selecting the ‘Backlight’ menu item, INDIO will display its list of three menu modes: ‘Inactive’, ‘Active’ and ‘Standby’. These three states are explained below:
    - Inactive -- when there is no user activity for 30 seconds.
    - Active -- when there is user activity.
    - Standby -- when INDIO has been turned off.
  2. Choose the desired menu mode and press **OK**.
  3. The screen will now display the current backlight value for this menu mode. Use the knob or the **UP/DOWN** buttons to adjust the light.
- 

## 9. Equalization

Select this option to adjust the treble and bass.

1. Select ‘Treble’ and press **OK**. Use the knob or the **UP/DOWN** buttons to adjust the treble level.
  2. Select ‘Bass’ and press **OK**. Use the knob or the **UP/DOWN** buttons to adjust the bass level.
- 

## 10. WiFi Strength

Display the signal strength of the wireless network in %.

# Configuring ‘My Stuff’

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## 1. Registering an account on Reciva’s website

1. Open the website, <http://www.reciva.com> from your internet browser.
2. Click on the ‘Register’ link and follow the on-screen instructions to register an account. Please note, during the registration process, a validation code will be sent to you via email. Please enter this code when prompted to do so.
3. After logging into your account, you will be able to edit your information for ‘My Profile’, ‘My Stations’, ‘My Streams’, ‘My Radios’ and ‘My Podcasts’ from the left-hand side of the website.
4. You can now add your INDIO to your account on the website by accessing the ‘My Radios’ link. From the ‘My Radios’ section, you will need to enter in your radio’s eight digit serial number, which can be found from the ‘Configure’ - ‘Version’ menu on INDIO, and you will also need to enter in your radio’s seven digit registration code, which can be found from the ‘Configure’ - ‘Register’ menu on INDIO.

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## 2. Configuring ‘My Profile’

1. Once logged into you Reciva account, you can edit your account’s details from your ‘My Profile’ section.
2. Click on the ‘My Profile’ link to view your account’s current information. This information will include various details such as your address, user name, password etc. Edit your details and then click on the ‘Update’ button to save them.

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## 3. Configuring ‘My Stations’

1. It is possible to search for radio stations that are available in Reciva’s stations’ database from Reciva’s website. Whenever stations are searched for on the website, they will be displayed in a list of search results together with a link to ‘Add to My Stations’.
2. Clicking on the ‘Add to My Stations’ link, will add the station to your account’s ‘My Stations’ list. Clicking on ‘My Stations’ and then selecting the station will allow you to edit this list.
3. Once you have internet stations available in your ‘My Stations’ list, you may play these stations from your INDIO. These stations will be available on your radio from the menu item: ‘Stations’ - ‘My Stuff’ - ‘My Stations’. Please note, the stations will only be available to your radio once your radio has downloaded a new stations’ list. To cause INDIO to download a new stations’ list immediately, please remove and reconnect the power to your radio.

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## 4. Configuring ‘My Streams’

1. Once logged into your Reciva website account, you can add your own internet radio streams to your ‘My Streams’.
2. Clicking on ‘My Streams’ will prompt you to enter the station’s name and its media stream URL. The media stream URL should be a link to a website’s actual audio stream. If you have any doubt about locating the media stream URL from a webpage, then please refer to the FAQs section on Reciva’s website, <http://www.reciva.com>.
3. Once you have internet radio streams available in your ‘My Streams’ list, you may play these stations from your INDIO. These stations will be available on your radio from the menu item: ‘Stations’ - ‘My Stuff’ - ‘My Streams’. Please note, the streams will only be available to your radio once your radio has downloaded a new stations’ list. To cause INDIO to download a new stations’ list immediately, please remove and reconnect the power to your radio.

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## 5. Configuring 'My Podcasts'

1. It is possible to add audio podcasts (RSS feeds) to your Reciva account that can be accessed on your INDIO. To add a podcast, simply login to your account and then click on the 'My Podcasts' link.
2. From your 'My Podcasts' section, you can add your chosen podcast by entering in the podcast's name and its URL as prompted by the website. Please note, the podcast URL will have to be a direct RSS feed which will end with the '.xml' extension e.g.  
*<http://someurl.com/podcast.xml>*
3. Once you have podcasts available in your 'My Podcasts' list, you may access these feeds from your INDIO. These podcasts will be available on your radio from the menu item: 'Stations' - 'My Stuff' - 'My Podcasts'. Please note, the podcasts will only be available to your radio once your radio has downloaded a new stations' list. To cause INDIO to download a new stations' list immediately, please remove and reconnect the power to your radio.

# Media Player

The Media Player allows you to play audio files (AAC, AIFF, AU, MP3, RM, WAV and WMA) and playlists (M3U) stored on a networked PC. It has been verified to work on Windows 2000, Windows XP and Windows Vista.

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## A. Setting up your computer to allow INDIO to access your audio files via Windows Shares

### Windows XP

1. Please ensure that your PC is available on the network for your INDIO, then, using Windows Explorer, locate the folder where your audio files are stored.
2. Right click on the folder.
3. Select 'Properties'.
4. Click on 'Sharing'.
5. Select 'Share this folder on the network' and 'Allow network users to change my files'. Please note, do not try to make your 'My Documents' or any of its sub-folders (e.g. 'My Music') shareable.

### Windows Vista

1. Please ensure that your PC is available on the network for your INDIO.
2. Open the 'Network and Sharing Center' windows from 'Start Menu Control Panel Network and Sharing Center'.
3. From the 'Network and Sharing Center', under the 'Sharing and Discovery' heading, ensure that the following parameters are set:
  - Network discovery On
  - File sharing On
  - Public folder sharing On
  - Password protected sharing Off
4. Open 'Windows Explorer' by right clicking on the Start menu and selecting 'Explore'. Create a new directory in the 'Public' directory and move your media files into this new directory.
5. Right click on the directory just created and select 'Share ...'. Ensure that the directory is listed as being shared, if not, click on the 'Share' button.
6. Right click on the directory just created and select 'Properties'. From the 'Properties' window, click the 'Sharing' tab and then click the 'Advanced Sharing ...' button. From the 'Advanced Sharing ...' window, click to check the 'Share this folder' option.

### MAC

1. The MAC will require Windows File Sharing. MAC OS 9 and earlier versions of the OS will need extra software to use Windows File Sharing. MAC OS X 10.2 and later versions have Windows File Sharing built into the OS. Please ensure that your PC is available on the network for your INDIO. INDIO will also need to be able to access directories that require a user name and password.
2. Setup Windows File Sharing on the MAC:

- From the 'Dock', click 'System Preferences'. From the 'System Preferences' window, under the 'Internet & Network' section, click 'Sharing'.
- From the 'Sharing' window, do the following:
  - Under the 'Services' section, enable 'Personal File Sharing' and 'Windows Sharing'. Also, click 'Start' for each of these services.
  - Under the 'Firewall' section, keep the firewall off.
  - Under the 'Internet' section, keep 'Internet Sharing' off.
- 3. Setup Account:
  - From the 'System Preferences' window, under the 'System' section, click 'Accounts'. Select an account and remember its 'Short Name' and password. This will be used for INDIO to connect to the MAC.
- 4. Directory Setup:
  - From the 'Dock', click 'Finder'. From 'Finder', click 'Applications Utilities'. Click on 'More Info' for 'Directory Access' and ensure that it is 'Read/Write' enabled. Double-click on 'Directory Access' and enable the following:
    - AppleTalk
    - LDAPv3
    - SLP
    - SMB/CIFS
  - Also, for 'SMB/CIFS', click 'Configure' and select an appropriate workgroup.
  - Copy and paste the mp3 media files to 'Documents' in the 'Finder' window.
  - Turn on 'AirPort' (or wireless sharing).
  - Wait for a few minutes for the changes to take place.
- 5. INDIO should now be able to access the MAC from its 'Media Player Windows Shares' menu after entering in the MAC account's short name and password on INDIO.

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## 1. Locate the shared audio files using INDIO

1. Press **MENU** to go to the main menu, select 'Media Player' and press **OK**.
2. Select 'Windows Shares' and press **OK**.
3. Select 'Scan for PCs' and press **OK**.
4. INDIO will now display 'Finding PCs'. Select the correct PC and press **OK**.
5. INDIO will search for shared folders.
6. Select the correct shared folder and press **OK**.
7. INDIO will display 'File Scan...' as it scans through the media files in the shared folder. Text on the bottom row of the display will change to indicate that the file scan is in progress. If you have a large number of audio files this could take several minutes to complete.
8. Once INDIO has finished scanning, it will display 'By Album'. You can now browse through the scanned media files, which will now be organized 'By Album', 'By Artist' and 'Playlists' - if available.

Note that the first time the file scan is done a file called '.reciva\_media\_cache' is written to the folder where the audio files are stored. This is in order to speed up subsequent file scans.

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## 2. Listening to a single shared track

1. Select 'By Artist' and press **OK**.
2. Select the required artist and press **OK**.
3. Select the required album name and press **OK**. '[Add to Queue]' will be displayed.
4. Select the required track and press **OK**. The track will begin to play or it will be added to the end of the queue if it is not empty and is already containing songs.

---

## 3. Listening to a complete shared album

1. Select 'By Artist' and press **OK**.
2. Select the required artist and press **OK**.
3. Select the required album name and press **OK**. '[Add to Queue]' will be displayed.
4. Press **OK** again. The album will begin to play or it will be added to the end of the queue if it is not empty and is already containing songs.

---

## 4. Controlling playback

1. Use the **STOP** button to stop playback.
2. Use the **PLAY/PAUSE** button to either pause a currently playing track or to restart a currently paused track or to restart a stopped track.
3. Use the **PREVIOUS** button to start playback of the previous track in the queue.
4. Use the **NEXT** button to start playback of the next track in the queue.

---

## 5. Browsing the list of tracks currently queued up for playback

1. Press the **BROWSE** button. The currently playing track name will be displayed.
2. Turn the knob or press the **UP/DOWN** buttons to see which tracks are queued up for playback.
3. If you want to jump to a particular place in the queue then press **OK** when the required track is displayed.

---

## 6. Removing tracks from the queue

1. Press the **BROWSE** button. The currently playing track name will be displayed.
2. Select the track you want to remove from the queue.
3. Press and hold the **STOP** button for 2 seconds and the screen will display: 'Delete Track?'
4. Select 'Yes' or 'No' and press **OK** to delete the track from the queue.
5. If 'Yes' was selected then 'Removed from Queue' will be displayed.
6. To remove all tracks from the queue, keep pressing **BACK** until the 'Media Player' menu item is selected, press **OK** and then select 'Clear Queue' and press **OK** again.

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## 7. Playing tracks in random order

1. Select the individual tracks as described previously.
2. Press **MENU** to go to the main menu and select 'Media Player', then press **OK**.
3. Turn the knob or press the **UP/DWON** buttons until 'Playback Mode' is displayed then press **OK**.
4. Turn the knob or press the **UP/DWON** buttons until 'Shuffle' is displayed then press **OK**.
5. Select 'YES/NO' to confirm that shuffle mode should be enabled.

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## 8. Playing tracks in the queue repeatedly

1. Select the individual tracks as described previously.
2. Press **MENU** to go to the main menu and select 'Media Player', then press **OK**.
3. Turn the knob or press the **UP/DWON** buttons until 'Playback Mode' is displayed then press **OK**.
4. Turn the knob or press the **UP/DWON** buttons until 'Repeat' is displayed then press **OK**.
5. Select 'YES/NO' to confirm that repeat mode should be enabled.

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## B. Set up a Windows PC to allow INDIO to access your audio files via a UPnP server

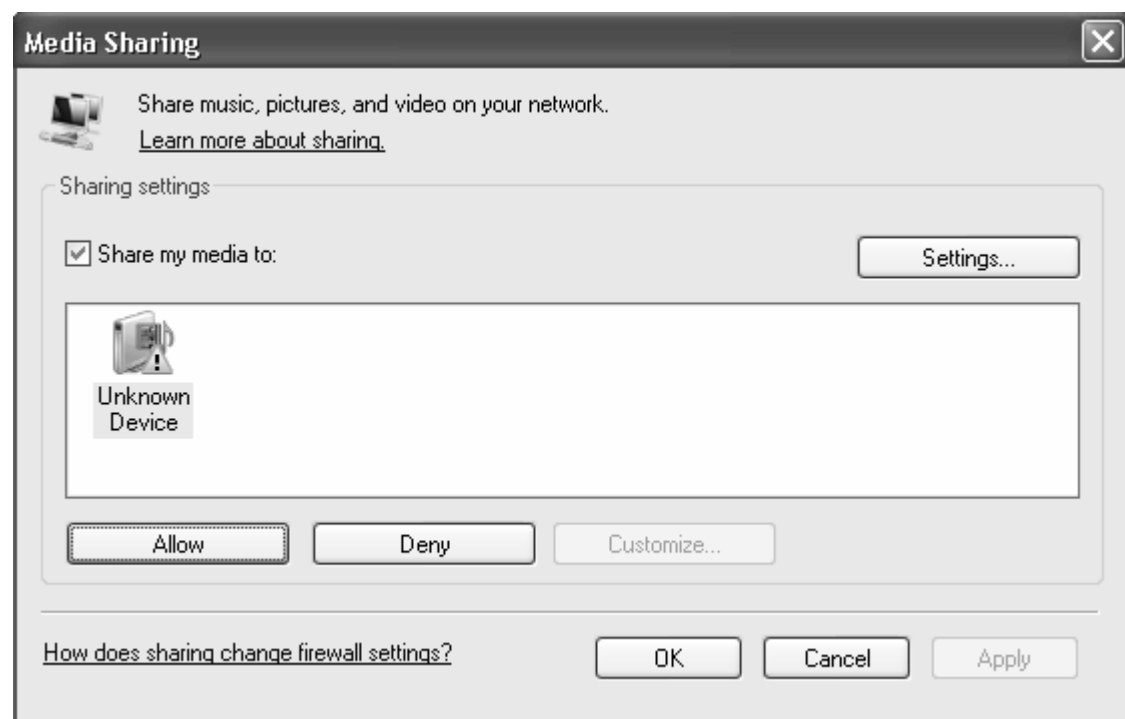
1. If your PC is running Microsoft Windows XP or Windows Vista, then you can use Windows Media Player 11 (WMP11) to act as your UPnP (Universal Plug and Play) media server 1.0. Windows Media Player 11 may be downloaded from Microsoft's website and installed by following the instructions detailed in its installation wizard.
2. Once installed, Windows Media Player 11 will create a library from all the media files available to it on your PC. To add new media files to the library, select 'File Add to Library... Advanced Options', click 'Add' and choose the files you wish to add and click 'OK'.
3. You will now need to connect your INDIO to Windows Media Player 11 and configure it to allow INDIO to access your media library. In order to this, you will need to do the following:
  - a. Press **MENU** to go to the main menu and select 'Media Player'.
  - b. Press **OK** and then select 'UPNP Servers'.
  - c. Press **OK** and INDIO will scan for all available UPnP servers. Note, this may take a few seconds for INDIO to complete its scan and before the scan has completed, INDIO will display '[Empty]'. INDIO will continue to display '[Empty]' if no UPnP servers are found.
  - d. After a successful scan, select your UPnP server if there is more than one UPnP server, and then press **OK** (note, your radio will display 'Access Denied' at this stage).
4. Your PC will now prompt you that a device has attempted to connect to your UPnP server. In order to allow INDIO to have access to the media files, you will need to click the 'Library' tab from Windows Media Player 11 and select the 'Media Sharing ...' item to open the 'Media Sharing' window.

### Selecting 'Media Sharing...' for Windows Media Player 11:



5. From the 'Media Sharing' window, INDIO will be listed as an unknown device. Click on the unknown device listed then click the 'Allow' button and then click 'OK'.

### Allowing INDIO to Connect:



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## 1. Locating and playing media files using INDIO and UPnP

Once the UPnP server is configured to share media files with INDIO, you can play the files by doing the following on INDIO:

1. Press **MENU** to go to the main menu, select 'Media Player' and press **OK**.
2. Select 'UPnP Servers' and press **OK**.
3. INDIO will scan for all available UPnP servers. Note, this may take a few seconds for INDIO to complete its scan and before the scan has completed, INDIO will display '[Empty]'. INDIO will continue to display '[Empty]' if no UPnP servers are found.
4. After a successful scan, select your UPnP server and press **OK**.
5. INDIO will now list the media categories available from the UPnP server, e.g. 'Music', 'Playlists' etc. Select the category you wish to browse, press **OK** and select a sub-category and press **OK** again. For example, you could select 'Music' and then 'Album'.
6. Select the media files that you wish to play and press **OK**.
7. INDIO will display '[Add to Queue]', press **OK** and INDIO will add the tracks to its queue and begin playing them automatically.

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## 2. Browsing the list of tracks currently queued up for playback

1. Press the **BROWSE** button. The currently playing track name will be displayed.
2. Turn the knob or press the **UP/DOWN** buttons to see which tracks are queued up for playback.
3. If you want to jump to a particular place in the queue then press **OK** when the required track is displayed.
4. It is important to note here that media files scanned from INDIO's 'Windows Shares' function can also be added to INDIO's queue.

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## 3. Controlling playback

1. Use the **STOP** button to stop playback.
2. Use the **PLAY/PAUSE** button to either pause a currently playing track or to restart a currently paused track or to restart a stopped track.
3. Use the **PREVIOUS** button to start playback of the previous track in the queue.
4. Use the **NEXT** button to start playback of the next track in the queue.

---

## 4. Removing tracks from the queue

1. Press the **BROWSE** button. The currently playing track name will be displayed.
2. Select the track you want to remove from the queue then press and hold the **STOP** button for 2 seconds.
3. Select 'Yes' or 'No' then press **OK** to delete the track from the queue.
4. If 'Yes' was selected then 'Removed from Queue' will be displayed.
5. To remove all tracks from the queue, press **MENU** to go to the 'Media Player' menu, press **OK** and then turn the knob to select 'Clear Queue' and press **OK** again.

---

## 5. Playing tracks in random order

1. Select the individual tracks as described previously.
2. Press **MENU** to go to the main menu and select 'Media Player', then press **OK**.
3. Turn the knob or press the **UP/DWON** buttons until 'Playback Mode' is displayed then press **OK**.
4. Turn the knob or press the **UP/DWON** buttons until 'Shuffle' is displayed then press **OK**.
5. Select YES/NO to confirm that shuffle mode should be enabled.

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## 6. Playing tracks in the queue repeatedly

1. Select the individual tracks as described previously.
2. Press **MENU** to go to the main menu and select 'Media Player', then press **OK**.
3. Turn the knob or press the **UP/DWON** buttons until 'Playback Mode' is displayed then press **OK**.
4. Turn the knob or press the **UP/DWON** buttons until 'Repeat' is displayed then press **OK**.
5. Select YES/NO to confirm that repeat mode should be enabled.

# Troubleshooting

If you experience any trouble with your wireless INDIO, then you may find it useful to visit the help section on our webpage: <http://www.reciva.com>

If you have trouble connecting INDIO to your wireless network, these steps may help to resolve the problem:

1. Confirm that a WiFi connected PC can access the internet (i.e. can browse the web) using the same network.
2. Check that a DHCP server is available, or that you have configured a static IP address on INDIO. You can configure a static IP address on INDIO using the menu item 'Configure - Network Config - Edit Config', and then select 'No' for 'Auto (DHCP)'.
3. Check that your network's firewall is not blocking any outgoing ports. As a minimum, INDIO needs access to UDP and TCP ports 80, 554, 1755, 5000, 6000 and 7070.
4. Check your access point does not restrict connections to particular MAC addresses. You can view INDIO's MAC address using the menu item 'Configure - Network Config - View Config - MAC address'.
5. If you have an encrypted network, check that you have entered the correct key or pass phrase into INDIO. Remember that text-format keys are case sensitive. If, when attempting to connect to an encrypted network, your radio displays: 'Wireless error' followed by a 5-digit number, then please ensure that you enter the correct pass phrase for the network. If the problem persists, then you may need to consult your network configuration.

If your radio can connect to the network successfully, but is unable to play particular stations, it may be due to one of the following causes:

1. The station is not broadcasting at this time of the day (remember it may be located in a different time zone).
2. The station has reached the maximum allowed number of simultaneous listeners.
3. The station is not broadcasting anymore.
4. The link on INDIO is out of date.
5. The internet connection between the server (often located in a different country) and you is slow.

Try using a PC to play back the stream via the broadcaster's web site.

If you can play back the station with a PC, use the form at <http://www.reciva.com/> to notify us so that we can change the station data that is used by INDIO.

## Specifications

- 802.11b/g WiFi
- Class-D digital amplifier
- 93dB high S/N ratio
- Audio output: 16 Watts, 8ohm internal speaker  
16 Watts, 8ohm external speaker  
24 Watts, 6ohm external speaker
- Frequency response: 80Hz - 15KHz  $\pm$  3dB, internal speaker  
50Hz - 20KHz  $\pm$  3dB, external speaker
- 128 x 64 dots black and white display
- Stylish 28-Key remote control
- 100 - 240V switching power adapter
- Dimensions: 27.9 x 22.5 x 8.4cm
- Weight: 3.8kg

## Spezifikationen

- 802.11b/g WLAN
- Klasse-D Digitalverstärker
- 93 dB Signal-Rauschverhältnis
- Ausgangsleistung: 16 Watt (8 Ohm Lautspecher intern)  
16 Watt (8 Ohm Lautspecher extern)  
24 Watt (6 Ohm Lautspecher extern)
- Frequenzgang: 80Hz - 15KHz  $\pm$  3dB (interne Lautsprecher)  
50Hz - 20KHz  $\pm$  3dB (externe Lautsprecher)
- 128 x 64 Punkt schwarzweiß Display
- Elegante 28-Tasten Fernbedienung
- 100 - 240V Schaltnetzteil
- Abmessung: 27,9 x 22,5 x 8,4cm
- Gewicht: 3,8kg

## Spécifications

- Connexion sans fil WiFi 802.11b/g
- Amplificateur numérique de classe «D»
- Rapport signal/bruit : 93dB
- Puissance audio: 16 Watts, 8ohm haut-parleur interne  
16 Watts, 8ohm haut-parleur externe  
24 Watts, 6ohm haut-parleur externe
- Fréquences restituées: 80Hz - 15KHz  $\pm$  3dB, haut-parleur interne  
50Hz - 20KHz  $\pm$  3dB, haut-parleur externe
- Écran noir et blanc d'une définition de 128 x 64 points
- Télécommande élégante à 28 touches
- Alimentation 100 - 240V
- Dimensions: 27,9 x 22,5 x 8,4cm
- Poids : 3,8kg

**Please read this User's Guide**

Please read this User's Guide carefully to ensure proper use of your system and enjoy all of its advanced features. Please keep this User's Guide for future reference.

**Svp, Veuillez lire ce Guide d'utilisateur.**

Svp, lisez ce Guide d'utilisateur soigneusement pour assurer l'utilisation appropriée de votre système pour apprécier tous les dispositifs avancés. Veuillez conserver ce Guide d'utilisateur pour une future référence.

**Bitte lesen Sie die Bedienungsanleitung**

Lesen Sie bitte die Bedienungsanleitung sorgfältig durch um einen reibungslosen Gebrauch des Systems zu ermöglichen und alle Eigenschaften zu genießen. Bewahren Sie diese Anleitung für spätere Fragen auf.