



DEUTSCH
ENGLISH
FRANÇAIS
NEDERLANDS

ITALIANO
ČEŠTINA
SLOVENSKÝ

Hersteller

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ENVIRONMENTAL PROTECTION



Do not dispose of this product with the normal household waste at the end of its life cycle. Return it to a collection point for the recycling of electrical and electronic devices. This is indicated by the symbol on the product, user manual or packaging

The materials are reusable according to their markings. By reusing, recycling or other forms of utilization of old devices you make an important contribution to the protection of our environment.

Please contact your local authorities for details about collection points.

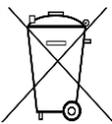
	WARNING Risk of electric shock Do not open!	
Caution: To reduce the risk of electric shock, do not remove the cover (or back). There are no user serviceable parts inside. Refer servicing to qualified service personnel.		



This symbol indicates the presence of dangerous voltage inside the enclosure, sufficient enough to cause electric shock.



This symbol indicates the presence of important operating and maintenance instructions for the device



Used batteries are hazardous waste and NOT to be disposed of with the household waste! As a consumer you are legally obligated to return all batteries for environmentally responsible recycling – no matter whether or not the batteries contain harmful substances*)

Return batteries free of charge to public collection points in your community or shops selling batteries of the respective kind.

Only return fully discharged batteries

*) **marked Cd = cadmium, Hg = mercury, Pb = lead**

- Only use mercury and cadmium-free batteries.
- Used batteries are hazardous waste and NOT to be disposed of with the household waste!!!
- Keep batteries away from children. Children might swallow batteries.
- Contact a physician immediately if a battery was swallowed.
- Check your batteries regularly to avoid battery leakage.
- Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- CAUTION: Danger of explosion if battery is incorrectly replaced
- Replace only with the same or equivalent type



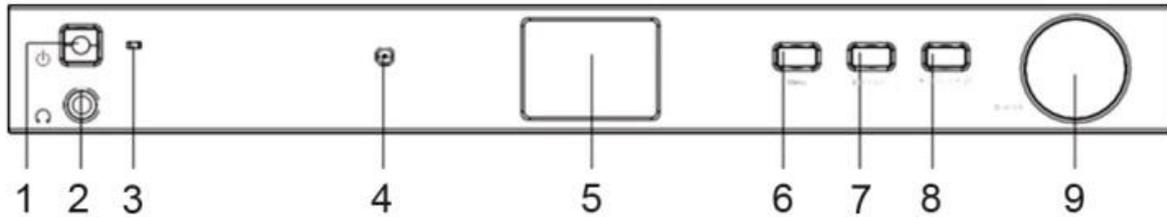
To prevent possible hearing damage, do not listen at high volume levels for long periods

- Use the device in dry indoor environments only.
- Protect the device from humidity.
- This apparatus is for moderate climates areas use, not suitable for use in tropical climates countries.
- No objects filled with liquids, such as vases, shall be placed on the apparatus.

- The mains plug or an appliance coupler is used as the disconnect device, the disconnect devices shall remain readily operable.
- Connect this device to a properly installed and earthed wall outlet only. Make sure the mains voltage corresponds with the specifications on the rating plate.
- Make sure the mains cable stays dry during operation. Do not pinch or damage the mains cable in any way.
- A damaged mains cable or plug must immediately be replaced by an authorized service center.
- In case of lightning, immediately disconnect the device from the mains supply.
- Children should be supervised by parents when using the device.
- Clean the device with a dry cloth only.
- Do NOT use CLEANING AGENTS or ABRASIVE CLOTHS!
- Do not expose the device to direct sunlight or other heat sources.
- Install the device at a location with sufficient ventilation in order to prevent heat accumulation.
- Do not cover the ventilation openings!
- Install the device at a safe and vibration-free location.
- Install the device as far away as possible from computers and microwave units; otherwise radio reception may be disturbed.
- Do not open or repair the enclosure. It is not safe to do so and will void your warranty. Repairs only by authorized service/ customer center.
- No naked flame sources, such as lighted candles, should be placed on the unit.
- When you are necessary to ship the unit store it in its original package. Save the package for this purpose.
- In case of malfunction due to electrostatic discharge or fast transient (burst), remove and reconnect the power supply.
- If the unit is not using for a long period of time, disconnect it from the power supply by unplugging the power plug. This is to avoid the risk of fire.

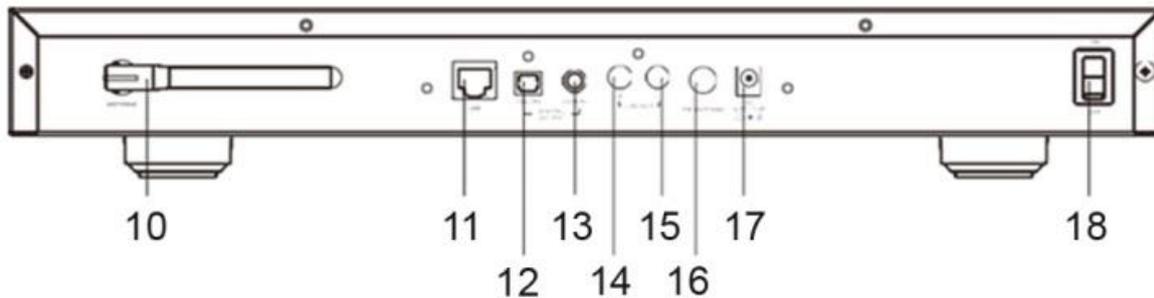
LOCATION OF CONTROLS

FRONT VIEW



- | | | | |
|---|----------------|---|-----------------|
| 1 | Power button | 6 | Menu |
| 2 | Headphone jack | 7 | Back / Left |
| 3 | Power LED | 8 | Forward / Right |
| 4 | IR Sensor | 9 | Dial / OK |
| 5 | LCD | | |

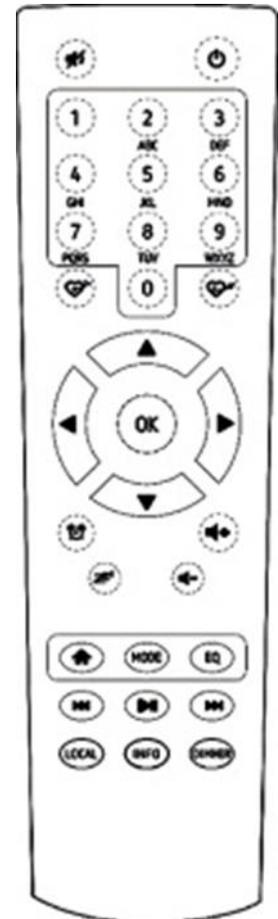
REAR VIEW



- | | | | |
|----|-----------------------|----|-------------------------|
| 10 | Wi-Fi Antenna | 15 | Line out - L |
| 11 | LAN-Jack | 16 | Antenna jack for DAB/FM |
| 12 | Digital out – Optical | 17 | DC-IN jack |
| 13 | Digital out - Coaxial | 18 | Power On/Off switch |
| 14 | Line out - R | | |

REMOTE CONTROL

- | | | |
|----|---|---|
| 1 |  | Mute |
| 2 |  | Standby / On |
| 3 | 0...9 | Input index number on the list / input characters for Wi-Fi security code |
| 4 |  | Preset the current playing station to Favorite |
| 5 |  | Recall the favorite list |
| 6 |  | Cursor up |
| 7 |  | Cursor left |
| 8 |  | Cursor right |
| 9 |  | Cursor down |
| 10 | OK | Confirm button |
| 11 |  | Alarm button |
| 12 |  | Sleep Timer |
| 13 | Vol+ | Volume up |
| 14 | Vol- | Volume down |
| 15 |  | Main Menu |
| 16 | Mode | Source button |
| 17 | EQ | Equalizer (for headphone and Line-out only!) |
| 18 |  | Previous station on the list / previous track on Bluetooth / Media Centre |
| 19 |  | Play/Pause for Bluetooth/Media Centre
Play/Stop for Internet Radio |
| 20 |  | Next station on the list / next track on Bluetooth / Media Centre |
| 21 | Local | Access the local station list
(Local Area set up in Configuration) |
| 22 | Info | Quick access to network and system information |
| 23 | Dimmer | Access the Dimmer menu to adjust the brightness of the display |



OPERATION YOUR REMOTE CONTROL

1. Press and slide the back cover to open the battery compartment of the remote control.
2. Insert two AAA size batteries. Make sure the (+) and (-) ends of the batteries match the (+) and (-) ends indicated in the battery compartment
3. Close the battery compartment cover.

INSTALLATION

- Plug in the DC adapter and switch the Power on/off switch (on the rear cabinet) to ON. Press “Power” button on the front (Power LED will be briefly lit).
- Caution: Use only the adaptor supplied with the radio. Connecting a power supply with a different rating will cause permanent damage to the radio and may be hazardous.
- The unit is intended to connect with external powered speaker. It does not have amplifier and speaker driver built-in. Please connect your stereo through the Analogue output or Digital output located on the rear panel of the unit for listening.

Note: All radio modes work through Analogue and Digital output, except DAB and FM which work only with Analogue output.

NETWORK SETUP

Internet connection can be setup via Wired LAN or Wireless LAN (WiFi). Your unit requires a broadband Internet connection through wired Ethernet or WiFi. The easiest way is use a CAT 5 or CAT 6 cable to connect through wired Ethernet to a Wifi router, which connects to an Adsl modem or a cable modem provided by your ISP.

Wired LAN(Ethernet)

For Wired Ethernet connection to a router with DHCP enabled, the network configuration for Internet connection is automatically done and the unit can be used for Internet radio and UPnP sharing without user interaction.

Wireless LAN (Wi-Fi)

Using remote control

On the alpha-numerical keypad, press each button repeatedly to cycle through the letters, numbers and symbols as listed below. To input a character, scroll to the correct one and when it is highlighted, press the ► button to input the next character. When it comes to the last character of the password and it is highlighted, press “OK” to confirm.

Button 1: 1 and different kind of symbols !@#\$%^&*()_+[]{};:~\|,./<>?

Button 2: 2ABCabc

Button 3: 3DEFdef

Button 4: 4GHIghi

Button 5: 5JKLjkl

Button 6: 6MNOmno

Button 7: 7PQRSpqrs

Button 8: 8TUVtuv

Button 9: 9WXYZwxyz

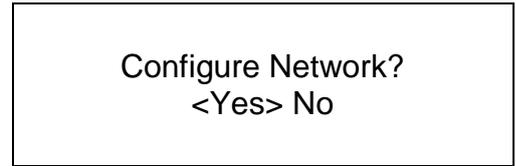
Button 0: 0

Using control button on the unit

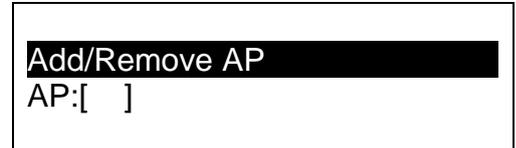
Use the “Dial/OK” knob to scroll through the characters, when the correct one is highlighted, press “Forward/Right” button to input the next character. When it comes to the last character of the password and it is highlighted, press “Dial/OK” to confirm.

Note: The security code is case sensitive.

1. If this is first time use, the Configure Network wizard will be displayed. Choose Yes to start configuring network. Press the “**Back/Left**” button to highlight Yes and press “**Dial/OK**” to confirm.



2. Select Add/Remove AP from the list, use the “**Dial/OK**” knob to scroll and press it to confirm, then choose Add AP (Scan):

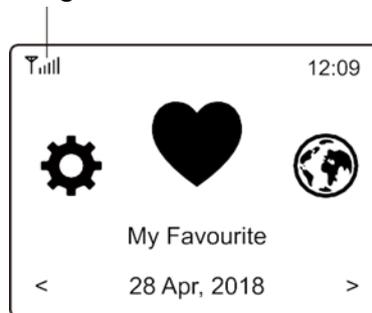


3. It will start scanning the available Wi-Fi routers around. Scroll to your network and press “**OK**” to confirm. If your Wi-Fi network has a security code protected, it will ask you to enter the passphrase/password.

Note: The password is case sensitive. Please consult with the one who setup your network if you don't know the password.

4. When the Wi-Fi connection is successful, the Association Complete will be shown briefly. The Wi-Fi signal bar will appear on the top left corner of the display.

Wi-Fi signal bar



OVERVIEW OF FEATURES AND FUNCTIONS

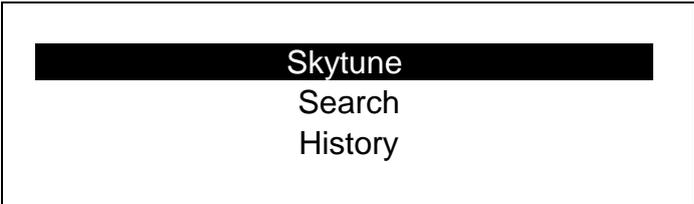
Press “**MENU**” to enter the main menu or the  button on the remote control. Scroll by rotating the “**DIAL/OK**” knob or the  /  button on the remote control:

- | | |
|----------------|--|
| My Favorite | To show the list of favorite stations which have been assigned to the presets. There are up to 99 presets available. |
| Internet Radio | Start exploring the worldwide radio stations and music here. |
| Media Centre | You can browse and stream music from your network via UPnP or DLNA Compatible devices. |
| DAB Radio | Pick up DAB+ and DAB radio signal if available in your local area. |

FM Radio	Receive ordinary FM radio stations in your local area.
Bluetooth	Bluetooth playback, to play audio stream (receive) from another Bluetooth enabled device after pairing/connected each other.
Alarm	Alarm clock. Two alarm settings available.
Sleep Timer	Enable the timer to turn the radio in standby after the selected time elapsed.
Configuration	More options/settings available to personalize as you desire.

INTERNET RADIO

On the main menu, choose **Internet Radio** and you will find the options below:



Skytune

Select **Skytune** to start enjoying thousands of radio stations over the world. You can filter your search by Region, Music genre and talks.



The **Local Radio** let you access quickly the stations available in your local area through internet connection.

Note - You can change the Local Radio area under **Configuration > Local radio setup**. Please refer to section 11 for the details.

Note - When you scroll along the list of **Globe All** and want to quickly reach to a certain point of the long list, input the index number on the remote control to quickly jump to that point. For example, press 2 and 8 and press **"OK"**, it will highlight the station no. 28.

Search

Instead of browsing the radio station list, you can input a few characters of the desired station to filter out / short list the stations.

History

The radio memorizes the stations you have listened up to 99 stations.

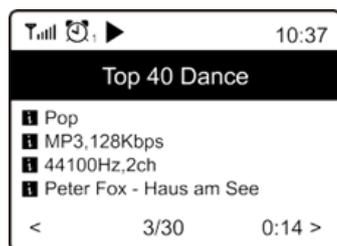
If you have listened more than 99 stations, it will supersede the first station that you have listened.

Start playing internet radio

When a radio station starts playing, more radio information can be displayed. Press the Right button in the state of the playing screen below:



Every time you press the ► button, it will show various informations e.g. time, the streaming bit rate, name of the song, artist name (if available), the big time clock and the radio's station logo (if available):



My Favorite

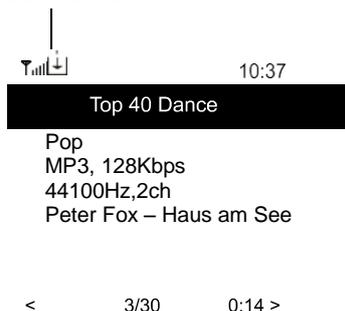
This is to show the list of your favorite stations which have been assigned to the presets.

Preset a station

You need a remote control to preset the station.

When a radio station is playing, press the button on the remote control, you will see the icon appears as below. It means the station is added to the Favorite list.

Preset icon



The new added station will always show in the last item on the Favorite list. You can store up to 99 presets.

Recall a station

Press the button on the remote control to recall the list of presets, or navigate to **My Favourite** on the main menu and select it to confirm.

Edit your favorite list

On the Favorite list, choose the radio station you want to edit then press the ► button on the remote control (or press **[Forward/Right]** on the unit). It will enter the Edit menu with the following options:

Move down - To move down the ranking of a station.

Move up - To move up the ranking of a station

Delete - To delete a particular station.

MEDIA CENTRE

The device supports UPnP and is DLNA-compatible.

This provides the opportunity to stream music from your network. However, this requires you to have a compatible device in your network that can function as a server. This can be e.g., a network hard drive or a conventional PC with e.g., Windows 8 via which access to the shared folder or media sharing is permitted. The folders can then be browsed and played on the unit.

Note - Please make sure your computer laptop is on the same Wi-Fi network as the Radio before you start using this function.

Music streaming

- Once the UPnP/DLNA compatible server is configured to share media files with your radio, you can start music streaming.
- On the main menu, select **Media Centre** and choose **UPnP**.
- It may take a few seconds for the radio to complete the scan for available UPnP servers. If no UPnP servers are found, it will show **Empty List**.
- After a successful scan is done, select your UPnP server.
- The radio will show the media categories available from the UPnP server, e.g. 'Music', 'Playlists' etc.
- Choose the media files that you wish to play.

You can set the mode of playback under **Configuration > Playback setup**.

My Playlist

You can make your own playlist for the UPnP music files. Choose and highlight the song you want to add to playlist, press and hold the **“Dial/OK”** knob or press and hold the **“OK”** button on remote, until the sign  appears. The song will be added to My playlist.

Clear My Playlist

Remove all songs in “My Playlist” to allow a new playlist to be prepared.

Note - If you have DLNA compatible servers available, follow the steps described above to browse the audio files from DLNA compatible device on the unit to play.

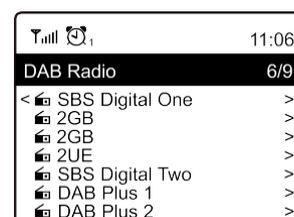
DAB RADIO

If there is Digital Audio Broadcasting (DAB) in your area, the unit can pick up the DAB stations as well. The unit supports both DAB and DAB+.

Connect the wire antenna (supplied in the box) to the antenna jack on the rear cabinet. Place the unit close to the window and extend the antenna as far as it can go to get the best reception.

On the main menu, scroll to **DAB Radio** or use the “**Mode**” button on remote to switch to DAB Radio. Press “**OK**” to start.

It will ask whether you want to **Scan DAB Station**. Press “**OK**” to start scanning and it will show the progress on the number of channels received. When it is done, a preset page will be displayed for your action.



You can select the channel and start listening to it. Whenever you want to add to **My Favourite**, press the button and it will add to the favorite list.

Always press the button (or “**Back/Left**” on the unit) to return to the Preset list.

Note - When a DAB radio is playing, press the button to view more radio information, each time you press the Right button, it will display various information at a time such as radio frequency, rolling texts (if available) and big time clock.

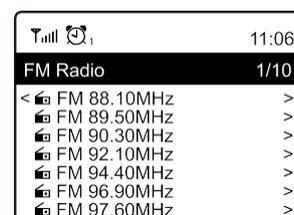
New digital radio stations should be picked up automatically by the unit if they are part of a multiplex you already received. Otherwise you need to do the Preset Scan again.

FM RADIO

To receive the ordinary FM stations, connect the wire antenna (supplied in the box) to the antenna jack on the rear cabinet first. Place the unit close to the window and extend the antenna as far as it can go to get the best reception.

On the main menu, scroll to **FM Radio** or use the “**Mode**” button on remote to switch to FM Radio. Press “**OK**” to start.

It will ask whether you want to Scan FM Station. Press “**OK**” to start scanning and it will show the progress on the number of channels are found. When it is done, it will automatically save the found channels on presets and display the list for your action.



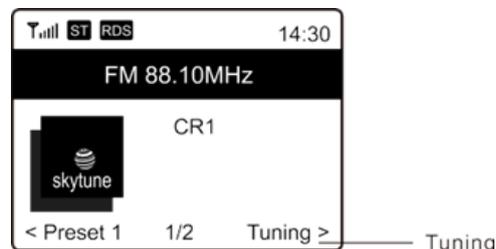
You can select the channel and start listening to it. Whenever you want to add to **My Favourite**, press the button and it will add to the favorite list.

Always press the button (or “**Back/Left**” button on the unit) to return to the Preset list.

Note - When it is playing FM radio, press the ► button to view more radio information, each time you press the ► button, it will display various information at a time such as radio frequency and big clock display.

Manual Tune

To manual tune to the frequency, long press the “OK” on remote or long press “Dial/OK” on the unit, until you see the "Tuning" appeared on the display, at the bottom right corner. Use the ◀ / ▶ button on remote to tune the frequency. When done, long press the “OK” button to exit manual tune



BLUETOOTH

Before transmission between your Bluetooth device and the radio is possible, both devices must be coupled. This process is called "pairing". The unit is served as a receiver, to receive music stream to play on the unit.

If you have already coupled to a Bluetooth device before, this connection will be restored automatically when both devices are in range and Bluetooth operation has been selected on the radio. "Pairing" does not have to be repeated. This function may need to be activated in your Bluetooth device, however.

1. Push the “Menu” button to display the selection menu for the different operating modes.
2. Use the ▲ / ▼ button to select the operating mode Bluetooth and push the dial switch.
3. Switch your Bluetooth device to which you want to connect the radio on and activate the pairing mode here. The device scans for Bluetooth devices in the reception range.
4. When the radio is found, your Bluetooth device shows its name IR45SW.
5. Select the radio at your Bluetooth device.
6. Start playback on your Bluetooth device.

Playback now takes place using the radio

ALARM

1. Choose **Alarm** from the main menu or press the “Alarm” button on the remote control.
2. Select either Alarm 1 or Alarm 2, choose **Turn on** to activate the Alarm.
3. Follow the alarm wizard instructions to set the alarm.
4. The wizard will guide you through the settings below:

Time - Set the time for the alarm

Sound - You can choose **Tone**, **Favourite**, **FM Radio** or **DAB Radio** as the alarm source.

Note - Wake to **FM Radio** or Wake to **DAB Radio** - only the preset stations can be used for the radio alarm (if the preset scan has been completed).

Wake to **My Favourite** – Please preset your favorite station before setting this as the alarm source.

Repeat -You can schedule the alarm as you desire —Everyday, Once or multiple days.

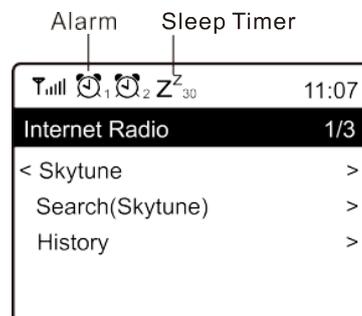
Alarm Volume - Adjust the volume of the alarm as you like by rotating the “Dial/OK” knob or ▲ / ▼ button on remote.

5. After the above settings are completed, press the ◀ button to exit and make sure the Alarm is turned on. You will see the Alarm icon appeared on the display if it is activated.

SLEEP TIMER

You can set the timer to let the radio goes standby after the selected time elapsed in the range of 15 minutes to 180 minutes.

Press **ZZ** button on the remote control to set the timer. You will see the icon appeared on the display if the timer is set.



CONFIGURATION

Here you will find the complete settings / options available to configure your own unit.

Wi-Fi Network

- **Add / Remove AP**
 Add AP - It will scan out a list of routers around.
 Remove AP - If you have already added a router and want to remove it, choose this option. Note - Always bring the unit within 2 meters of the Wi-Fi router for setup.
- **AP: []**
 If you have added more than one routers on the radio and want to switch to another one, select this option to change.
- **Signal**
 This is to show the strength of the Wi-Fi Signal of the Wi-Fi router as received by the radio. Usually signal levels lower than -70dBm is at weaker level and if it affects the reception of your radio, you may need to optimize the router location or check any problem of the router itself.
- **IP**
 The IP is set **Dynamic** by default. Select to change **Fixed IP** according to your network condition.
- **DNS**
 The DNS is set **Dynamic** by default. Select to change **<Fixed>** DNS according to your network condition.

Wi-Fi Channels

Not all of the Wi-Fi channels are available in every country. There may be variation between different countries. Therefore it is necessary to choose the Wi-Fi channels to ensure the Wi-Fi performs satisfactory.

We have already set the channels according to the requirement in different countries. Choose the country you are staying from the list to get the correct channel.

The **Europe/United Kingdom** is set by default, press “**OK**” on the Remote control or push the “**Dial/OK**” knob to edit the country selection.

LAN Network

Connect the Ethernet port to one of the LAN ports in a router or Wi-Fi router using CAT 5 or CAT 6 cable. If your Router or Wi-Fi router is DHCP-enabled (recommended), you don't have anything to setup and the unit will connect to internet with the parameters automatically assigned by the Router/Wi-Fi router.

Use the remote control for configuration if you want to use a fixed IP, scroll to IP:[Dynamic] and press "OK". Choose Fixed. Press the ▲ button, you can then enter the IP, press ▲ / ▼ to tune to the required numbers: xxx.xxx.xxx.xxx. Switch among the 4 groups by pressing ◀ / ▶. When done, press "OK". Scroll to GW and NM to do the same.

You can also choose to use a DNS server other than the one from the DHCP server. Scroll to DNS and do the same.

Note - Use DHCP to get the network parameters unless you are familiar with network setup.

Date and Time

The radio will set your local time automatically after the internet connection is completed. If you want to do manual setting, change it by the following options:

➤ Time zone

Auto-set Time Zone: This option is set by default.

Manual-set Time Zone: Choose this option if you want to set the time in another region. Choose and highlight the region/city you prefer and press "OK" to confirm.

Coupled with NTP (use network time) and DST (Daylight time saving) will be adjusted automatically if you choose to use network time (NTP).

➤ Set Time Format

Choose either 12-hour or 24-hour notation you prefer.

➤ Set Date Format

NTP (Use network time)

NTP is designed to synchronize a device's clock with a time server. Your unit will synchronize the time server by default every time it powers up and connects to Internet. This ensures a very high degree of accuracy in the unit's clock. You can change to use other time server by inputting the URL address (see below NTP server). You can choose "Do not use network time" if you don't want it to.

If you choose not to use NTP for clock synchronization, highlight the NTP (Network time protocol) and press "OK" to make the change. You will see the Set Date & Time appeared on the menu. Select it and adjust the date and time as you desire.

NTP Server

NTP is designed to synchronize a device's clock with a time server. Here it shows the server being used for the unit.

Language

The default language is English, you can choose other languages as preferred. Scroll with the ▲ / ▼ buttons on remote or “**Dial/OK**” knob to the item with  and press “**OK**”. Scroll to highlight and press “**OK**” to select your language of choice. English, French, Spanish, Italian, German, Dutch, Polish, Russian and Simplified Chinese are available.

Local Radio

The radio is set by default to detect the radio stations in your local area automatically through internet connection and these stations can be accessed by a press of “**Local**” button on remote. You can also set **Local** in another region if you want. Highlight the **Local Radio** and press “**OK**”. Choose **Manual-set Local radio** to change the region setting.

DAB Setup

- **DAB Preset Scan**
You can always carry out a new scanning of DAB channels by selecting this option. All current presets and channels will be erased.
- **DAB Radio Preset**
The scanned DAB stations will be listed here for management. You can move the position or even delete any station. Scroll to the station and press ► button. A pop up window will be presented: Move up, Move down and Delete.

FM Setup

- **FM Area**
Choose the Region according to your physical location to define the search range for the unit.
- **FM Preset Scan**
You can always carry out a new scanning of FM channels by selecting this option. All current presets and channels will be erased.
The radio at the lowest frequency of the scanned values will be highlighted. The preset list will be saved unless a new preset scan is carried out.
- **FM Radio Presets**
You can adjust the preset ranking by Move down, Move up or Delete it. Highlight one of the preset, then press the ► button (or “**Forward/Right**” on the unit), it will enter into the Edit menu.
Always press the ◀ button (or “**Back/Left**” on the unit) to return to the Preset list.

Playback Setup

This is to set the mode of playback under UPnP/DLNA compatible streaming: Repeat All, Repeat Once or Shuffle.

Resume when Power on

This function is ON by default. The radio will resume to the last state of mode when the radio is power on next time, e.g. if it was playing radio station before power off, it will resume playing the last listened station when it is power on the next time.

Dimmer

You can set the backlight level for the display as you prefer. There are two settings: Mode and Level

➤ **Mode - Normal or Power Saving**

Normal - the display will stay with the same level of brightness all the time without dim down.

Dim - the display will dim down after 20 seconds if no operation is made on the radio.

➤ **Level - Bright and Dim**

Bright - This is to adjust the level of brightness in Normal mode.

Dim - This is to adjust the level of brightness in Dim mode.

➤ **Dimmer in Standby**

When the radio is in Standby, rotate the “**Dial/OK**” knob to adjust the backlight level at your preference which you feel comfortable especially during night time.

EQ (Equalizer)

Various music genres can be set (for Headphone out and Line out only).

Buffer Time

Sometimes you may experience uneven playback of the internet radio. This can happen if the internet connection is slow or network congestion occurs. To help improving the situation, you can choose longer buffer time to get a few seconds of radio stream before beginning to play. The default value is 2 seconds. You can choose 5 seconds if you prefer to have a longer buffering time.

Information

View the Network and System Information of your radio.

To access quickly to this information, press the “**Info**” button on the remote control.

When you use your PC to manage the My favorite stations, you have to use the IP address and you can view this info from here. Then type in the IP address (Configuration > Info > Network > IP) to your PC's browser input window.

Software Update

There may be software release to upgrade features of the radio from time to time. Check the update regularly to keep your radio up to date with the latest software.

Reset to Default

You can do the reset to clear all the settings and return to default settings. Please note all the Station presets, Settings and configuration will be erased after you have performed the Reset.

ADD YOUR FAVOURITE URL / MANAGE FAVOURITE BY PC

You can add your favorite radio station if you know the published audio stream URL of the radio. We provide an embedded server for your radio and you can manage your favorite stations anytime to add or edit the list. Follow the steps below to access the embedded server:

- Connect your PC to the same Wi-Fi network as your radio.
- Locate the IP address in either way as follow:
Press the **“Info”** button on the remote control, choose **Network** and scroll to IP to view the **IP** address.
- On the main menu, go to **Configuration > Information > Network > IP**
- Open the web browser (we support Internet Explorer and Chrome) in your PC and type the IP address of the radio (e.g. 192.168.1.11). The screen will pop up as below:

MY STATIONS

Channel Group : ROOT

	Channel Name	URL	
1.	DJ AAM Radio FM	*****	Edit Delete Top Up Down Bottom
2.	Country Radio Switzerlar	*****	Edit Delete Top Up Down Bottom
3.	Bigbeat	*****	Edit Delete Top Up Down Bottom
4.	24Radio Switzerland	*****	Edit Delete Top Up Down Bottom
5.	AFN American Freedom	*****	Edit Delete Top Up Down Bottom
6.	Energy Berlin	http://energyradio.de/bremen	Edit Delete Top Up Down Bottom
7.	MP3 Pro	http://www.katrafm.com/katrafm_mp3pro.m3u	Edit Delete Top Up Down Bottom
8.	2	http://www.ultranet.biz/vegasandanski.m3u	Edit Delete Top Up Down Bottom
9.	stream 2	http://lindowsradio.com:8600/listen.pls	Edit Delete Top Up Down Bottom
10.	aac 128	http://eastlondonradio.com:8100/bighigh.aac	Edit Delete Top Up Down Bottom
11.	Seoul Shoutcast	http://yp.shoutcast.com/sbin/tunein-station.	Edit Delete Top Up Down Bottom

Add Channel

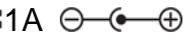
Channel Name	URL
<input style="width: 95%;" type="text"/>	<input style="width: 95%;" type="text"/>
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

- You can input the name and URL of a new radio station under the Add channel section, then click Submit. The new station will sync to the Favorite list of your radio immediately. You can add up to 99 radio stations.

TROUBLE SHOOTING

Problem	Cause	Solutions
Cannot connect to Wi-Fi network	Network down	<ul style="list-style-type: none"> ➤ Confirm that a Wi-Fi or Ethernet Wired connected PC can access the internet (i.e. can browse the web) using the same network. ➤ Check that a DHCP server is available, or that you have configured a static IP address on the radio. ➤ Check that you firewall is not blocking any outgoing ports. As a minimum the radio needs access to UDP and TCP ports 80,443 and 8008, DNS port 53.
	Router restricts access to listed MAC addresses	Obtain the MAC address from Configuration > Information > Network > Wi-Fi MAC and add to the allowed equipment list on your access point. Note: The radio has separate MAC addresses for wired and wireless networks;
	Insufficient Wi-Fi signal strength	<ul style="list-style-type: none"> ➤ Check distance to router; see if a computer can connect to the network in this location ➤ Optimize the distance of the router 's location
	Unknown encryption method	Change encryption method on router. The radio supports WEP, WPA, WPA2
	Firewall preventing access	Windows Media Player: varies —non- Microsoft firewalls may require configuration for UPnP.
If your radio can connect to the network successfully, but is unable to play particular stations		<ul style="list-style-type: none"> ➤ The station is not broadcasting at this time of the day (remember it may be located in a different time zone). ➤ The station has too many people trying to attach to the radio station server and the server capacity is not large enough. ➤ The station has reached the maximum allowed number of simultaneous listeners. ➤ The link on the radio is out of date. This is updated automatically every day, so the next time you turn on the link will be recognised.
No DAB/FM reception		<ul style="list-style-type: none"> ➤ Please carry out "Factory Reset" on the radio and extend the antenna. ➤ Move the radio close to the window.
DAB/FM Radio reception is poor		<ul style="list-style-type: none"> ➤ Please check that the aerial is extended for the maximum signal strength and improved reception. ➤ Check that you do not have other electrical equipment too close to your radio, causing interference.
No sound		<ul style="list-style-type: none"> ➤ Adjust the volume using the Tune/Select knob. ➤ Please check that the mains power lead is connected at the back of the radio and the mains power wall socket is switched on.

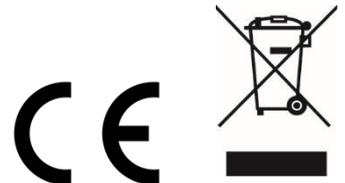
TECHNICAL SPECIFICATION

Power supply	: Use only the supplied power adapter
Power input	: 100-240V~50/60Hz
Power output	: 5V  1A 
Wireless Network	: IEEE802.11b/g/n
Security Protocol	: WEP/WPA/WPA2
Ethernet Connection (LAN)	: 10/100 Mbps RJ45
Bluetooth Version	: V4.2 BR/EDR compliant
Bluetooth range	: 10 meters (line of sight) Bluetooth
Transmission power	: 0 dBm
DAB frequency range	: 174.928MHz - 239.200MHz
FM range	: 87.5 – 108.00 MHz
Preset Stations	: 99 (combined internet radio, DAB, FM)
Audio output	: Stereo earphone jack 6.35 mm Stereo line out (analog) Optical (Toslink) and coaxial digital out

IMPORTER

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Hiermit bestätigt Wörlein GmbH, dass sich dieses Gerät in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 2014/53/EU befindet.

Eine Kopie der Konformitätserklärung kann unter folgender Adresse bezogen werden.
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Germany
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Hereby, Wörlein GmbH declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

A copy of the Declaration of Conformity may be obtained at the following location:
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Germany
Email: info@woerlein.com
Tel.: +49 9103 71 67 0

Par la présente, Wörlein GmbH déclare que cet appareil est conforme aux exigences principales et autres clauses applicables de la Directive 2014/53/EU.

Vous pouvez demander de recevoir une copie de la déclaration de conformité en écrivant à l'adresse suivante :
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Germany
Email: info@woerlein.com
Tel.: +49 9103 71 67 0

Wörlein GmbH verklaart hierbij dat dit apparaat in overeenkomst is met de essentiële vereisten en andere relevante bepalingen van de Richtlijn 2014/53/EU.

Er kan een kopie van de Conformiteitsverklaring worden verkregen op de volgende locatie:
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Tel.: +49 9103 71 67 0

Con la presente, Wörlein GmbH dichiara che questo dispositivo è conforme ai requisiti essenziali e altre disposizioni contenute nella Direttiva 2014/53/EU.

Una copia della Dichiarazione di conformità è disponibile al seguente indirizzo:
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Germania
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Tel.: +49 9103 71 67 0

Härmed Wörlein GmbH deklarerar att denna enhet är i överensstämmelse med de grundläggande kraven och andra relevanta bestämmelser i direktiv 2014/53/EU.

En kopia av försäkran om överensstämmelse kan erhållas på följande plats:
Wörlein GmbH, Gewerbestrasse 12, D 90.556 Cadolzburg, Tyskland
E-post: info@woerlein.com
Tel.: +49 9103 71 67 0

Herved Wörlein GmbH erklærer, at denne enhed er i overensstemmelse med de væsentlige krav og øvrige relevante krav i direktiv 2014/53/EU.

En kopi af Overensstemmelseserklæringen kan fås på følgende placering:
Wörlein GmbH, Gewerbestrasse 12, D 90556 Cadolzburg, Tyskland
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Tímto Wörlein GmbH prohlašuje, že toto zařízení je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53/EU.

Kopii Prohlášení o shodě lze získat v následujícím umístění:
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Por este meio, Wörlein GmbH declara que este dispositivo está em conformidade com os requisitos essenciais e outras disposições da Directiva 2014/53/EU.

Uma cópia da Declaração de Conformidade pode ser obtida no seguinte local:
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