User Manual

Live Radio Media Player



Safety instructions

When using this electronic device, basic precautions should always be taken, including the following:

1 Read all instructions before using the product.

2 Do not use this product near water (e.g., near a bathtub, washbowl, kitchen sink, in a wet basement or near a swimming pool etc.)

3 Use this device when you are sure that music player has a stable base and it is fixed securely.

4 This product, in combination with loudspeakers and amplifier may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult with otorhinolaryngologists.

5 The product should be located away from heat sources such as radiators, heat vents, or other devices that produce heat.

6 The product should be connected to a power supply that is described in the operating instructions or are marked on the product.

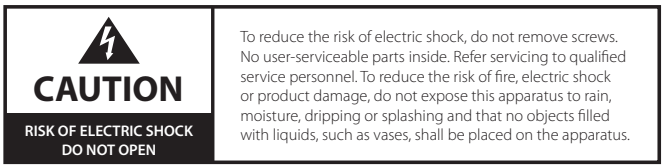
7 The power supply should be undamaged and never share an outlet or extension cord with other devices. Never leave device plugged into the outlet when it is not being used for a long period of time.

8 Care should be taken that objects do not fall into liquids and liquids would not be spilled on the device.

9 The product should be serviced by qualified service personnel if:

- The power supply or the plug has been damaged.
- Objects have fallen into or liquid has been spilled on the product.
- The product has been exposed to rain.
- The product has been dropped or the enclosure damaged.

10 There are some areas with high voltage inside, to reduce the risk of electric shock do not remove cover of the microphone receiver or power supply. The cover should be removed by the qualified personnel only.



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Before you start

Live Radio is an internet radio and podcast player with a built-in Spotify* connect.
USB flash drive player, FM and DAB+ tuner, wireless audio streaming from mobile devices, Wi-Fi, and Ethernet connections. Device can be controlled remotely via iOS and Android apps. Comes with IR remote control in the box.

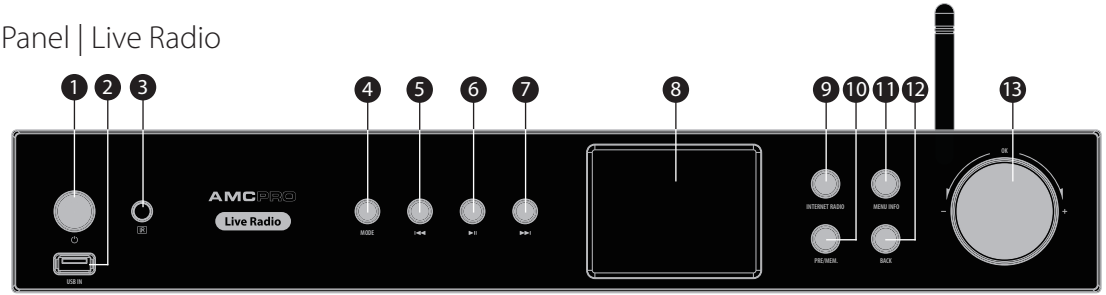
FEATURES

- Live Radio
- Spotify connect
- Podcast
- USB flash drive player
- FM and DAB+ tuner
- Wireless audio streaming from mobile devices
- iOS and Android app control
- Color LCD
- Analog and digital audio outputs

***SPOTIFY FOR PERSONAL USE ONLY**
As laid in Spotify Terms and Conditions, Spotify service is only for personal, non-commercial use.
This means it is not allowed to broadcast or play Spotify publicly from a business.

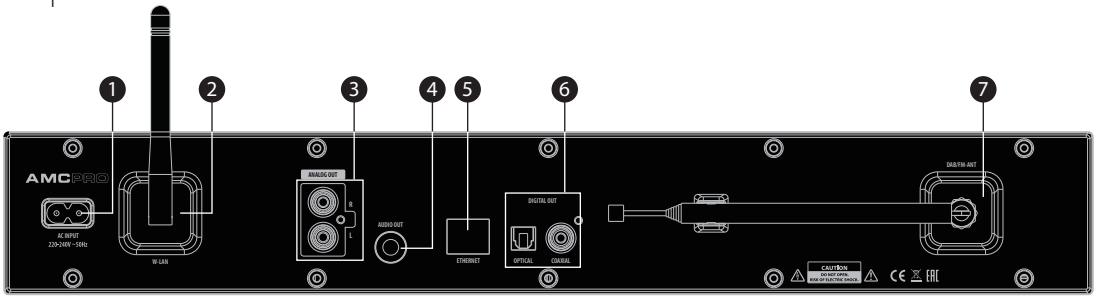
Operation

Front Panel | Live Radio



1. Power switch | 2. USB port | 3. Remote control sensor | 4. Mode | 5. Backward | 6. Play/Pause | 7. Forward | 8. Display | 9. Internet radio
10. Preset | 11. Menu/Info | 12. Back | 13. Menu navigation and volume control

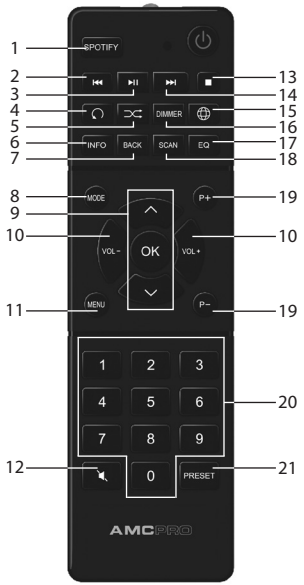
Rear Panel | Live Radio



1. Main power plug | 2. WiFi antenna | 3. RCA audio output | 4. 3.5mm audio output | 5. LAN cable socket (RJ45) | 6. Optical & Coaxial output
7. DAB/FM antenna

Operation

Remote Control



No	Name	Function
1.	Spotify	This is a shortcut button to activate Spotify music player. Please follow instructions the screen to play music from your premium Spotify account.
2.	Backward	Press this button to change the audio track on Spotify or media player. Press and hold this button to start radio station scanning.
3.	Play/pause	Stops/starts playing audio from Spotify, USB flash, or other music sources. A long press of this button enables or disables Live radio wireless connection.
4.	Repeat button	Two repeat options are available there. Repeat the same audio track or repeat all playlists.
5.	Random playback	All tracks on the USB or Spotify playlist can be played in random order. During playback mode press the RANDOM button on the remote control. After all the tracks have been played, the playback will stop automatically.
6.	Info	Press this button to show menu of the playing music source.
7.	Back	Press this button to go back to the previous menu page.
8.	Mode	Select music source: Internet radio, podcasts, Spotify, music player, DAB radio, FM radio, streaming from mobile device
9.	Menu navigation	Allows users to navigate the menus. Press OK button to confirm selection.
10.	Volume control	Buttons to adjust the volume level.
11.	Menu	Button to enter the menu.
12.	Mute	This button set Volume level to 0
13.	Stop	Button to stop the track.
14.	Forward	Press this button to change the audio track on Spotify or media payer. Press and hold this button to start radio station scanning.
15.	Internet radio	Press IR key on Remote Control will be open Network setting page on screen of DUT
16.	LCD backlight dim	There is a possibility to adjust LCD screen brightness. User can select three LCD backlight brightness levels.
17.	Equalizer presets	Live radio has an equalizer set. User can choice between seven already setup EQ presets or set it's own EQ profile.
18.	FM and DAB scan	Press and hold this button to activate FM and DAB radio stations auto-scan.
19.	Preset menu navigation	Navigation buttons to open and navigate presets list. Select preset from the list and press OK to start playing.
20.	Preset numeric keypad	It's a shortcut keypad for quick access to saved presets. Short press starts playing preset of corresponding number.
21.	Preset menu	Every music source has its separate presets list. Long press this button to save preset: select preset from the list and press OK. Short press this button to view saved presets list. Select preset from the list and press OK to start playing.

Operation

Front panel

POWER SWITCH
LIVE RADIO main power on/off.
Standby mode power consumption is 1.9 W.

USB PORT
supports up to 128GB size USB2.0 and USB3.0 flash drives.

REMOTE CONTROL SENSOR
Detector to receive IR control command from remote control.

MODE
Select one of the following music sources: Internet radio, podcasts, Spotify, music player, Dab radio, FM or streaming from mobile device.

BACKWARD
Press this button to change the audio track on Spotify or media payer.
Long press starts radio station auto-scanning.

PLAY/PAUSE
Stops/starts playing audio from Spotify, USB flash, or other music sources. A long press of this button enables or disables Live radio wireless connection.

FORWARD
Press this button to change the audio track on Spotify or media payer.
Long press starts radio station auto-scanning.

DISPLAY
color LCD display shows menu status of the device and main information about the radio station or track. Different type of information can be displayed on the screen by pressing MENU/INFO button.

INTERNET RADIO
Shortcut to activate internet radio.

MENU/INFO
Press and hold this button to show menu of the playing music source. The menu content depends on music source: FM radio, internet radio, music player or Spotify have a different menu. After a short press, this button works like an info button. LCD screen shows information about the currently playing station and additional information about the artist and the title of the track. Press MENU/INFO button multiple times to display different type of information.

PRESET
Every music source has its own preset list, press this button to show presets, use rotary encoder to navigate and select.

BACK
Allows navigate menu, goes back to the previous menu page.

MENU NAVIGATION AND VOLUME CONTROL
Rotate encoder in default screen to adjust device volume or push it to change LCD look. Inside main menu this encoder is used to navigate and enter menu.

Rear panel functions

AC INPUT
This is main power plug. Use power cable included to the package.

WIFI ANTENNA
SMA male connector for Wi-Fi antenna. Antenna is included.

Operation

RCA AUDIO OUTPUT
Main stereo audio output RCA type connectors.

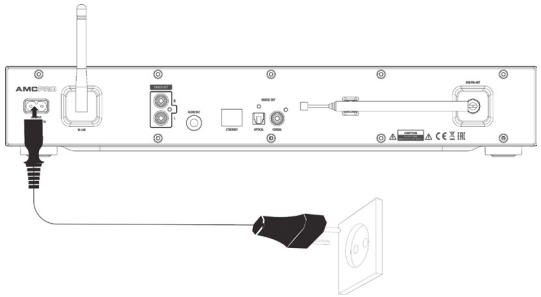
3,5MM AUDIO OUTPUT.
Stereo audio output 3,5mm. TRS Jack type connector.

OPTICAL & COAXIAL OUTPUT
Digital Audio outputs. TOSLINK and RCA connectors.

FM/DAB ANTENNA
F type female connector. Antenna is included in the box.

Getting started

Connect the power cord to the power outlet after completing all other connections.



QUICK SET UP GUIDE
Please ensure that WLAN and DAB/FM antennas are connected.
Connect the audio cables and the main power cable. Turn on the radio by pressing the POWER button.
To change the device language before starting the setup wizard, press the following:
Main menu > System settings > Language

SETUP WIZARD



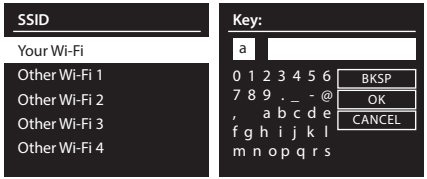
After the first power on unit runs through a setup wizard to configure settings for date, time, and network. Once this has finished, the system is ready to use in most modes.
Note! To change these settings later or start the setup wizard again: select Menu > System settings > Setup wizard

The Network settings can be set later by manually running the Network wizard, selecting Menu > System settings > Network >Network wizard.
Select Yes to start the setup wizard. If you choose No, a second screen will ask you to run the setup wizard next time and system starts without configured time/ date and network settings.
Note! If the main power goes down while the wizard is in progress, the wizard will run again next time

NETWORK CONNECT
Live radio is compatible with all commons network protocols and encryption methods, including Wi-Fi Protected Setup (WPS). To connect Live radio to the wireless network, you need to know a Wi-Fi wireless router or access point's password.

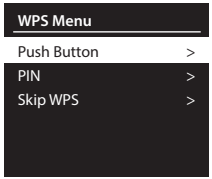
Operation

To enter the network's key (password), use the rotary encoder to highlight the next relevant character and press select.



Backspace, OK, and Cancel are located to the right of the password screen. These menu options can be achieved using the rotary encoder or pressing the MENU/INFO button. The MENU/INFO button allows an instant jump to the Backspace option and back again.

WPS SETUP



WPS encrypted networks are identified by '[WPS]' at the start of the Network name and have two connection methods.

Select one and follow the methods:

Push Button: Allows connecting to Wi-Fi network by pressing the WPS button on the router.

1. Activate Push button option.
2. Press the WPS button on the router or access point.
3. Press the rotary encoder on the Live radio to start connecting.

PIN: Generates an 8-digit code number which you enter into the wireless router or access point.

Skip WPS: Live radio asks to enter a Wi-Fi password on the next window. Use a rotary encoder to select the password letters and numbers and select OK.

If connecting fails, return to a previous screen to try again. Use the Back or Menu buttons to exit.

Note: Live radio remembers the last four wireless networks it has connected to and automatically tries to connect to whichever one of them it can find. You can see the list of registered networks through Menu > System settings >Network > Network profile

You can delete unwanted networks by turning and pressing the rotary encoder dial and then confirming delete.

There are also other options for viewing and manually adjust network settings. Skilled users who have experience with network setups may find more options for diagnosing and fixing network problems.

Please find more settings there:

Menu > System settings > Network.

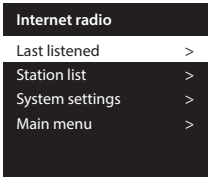
MODE MENU



Live radio supports FM and DAB radio, Spotify, a Podcast player, a USB music payer, and streaming from mobile device. Any of these listed music sources can be found and selected in the MODE menu. Use the rotary encoder to navigate the menu. Press it activates the selected music source.

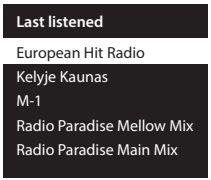
Operation

INTERNET RADIO. Live radio gives access to thousands of internet radio stations and podcasts. When you access the Internet radio menu, the LIVE RADIO automatically receives the list of Internet radio stations. The service ensures that you always have a reliable selection of stations. Use the rotary encoder or remote control to navigate the pre-sorted station list.



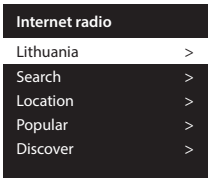
To start listening internet radio press the MODE button and select the internet radio icon. Live radio automatically starts playing the last listed radio station.

You can listen to a wide range of radio stations. Press the BACK or hold the MENU button to select one of the following options:



Last listened: This is a list of last played radio stations to help quickly find and play radio stations one more time. Live radio updates this list whenever the user plays a new radio station.

Five radio stations in total are listed on this menu.



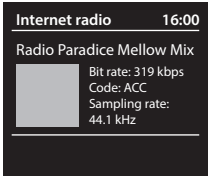
Local radio stations: Live radio automatically detects location and suggests users to listen local radio stations. To start using this option click the rotary encoder to discover radio stations in your country.

Radio station searching: There is the option to search through Internet broadcasts for stations with particular keywords in their title. Select the search function and add keywords to the search submenu.

Location: Choose an Internet broadcast from any location. Select a continent from the Live radio menu. A list of countries in the selected area will be available to check. Select a country and available internet radio stations list will be displayed. Click on liked radio station to listen.

Popular: This is a list of the most popular internet stations from around the world.

Discover: Allows you to select from a list of stations defined by their origin (Country), Genre (style of music), or language. Navigate through the category options; once you have made your selection, a screen confirms your selected category and the number of stations within that category. To see the list, select the option showing the number of available stations.



Now playing information. While the stream is playing, the screen shows its name and description. If artist and track information is available, it also will be displayed. To view further information press the MENU/INFO button. Each time you press the MENU/INFO button, another set of information is displayed, cycling through the following details: Artist, Slogan (default; where available), Language/Location, Codec and sampling rate, Playback buffer, Today's Date.

Add radio station to preset: There is an option to add radio stations to presets. To store the currently playing station, press and hold the preset button on the remote control or in the front panel. When selecting the preset number, push the rotary encoder to save the radio station to preset.

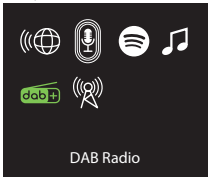
Operation

To recall the radio station, click the preset button on the remote control or in the front panel. Select a radio station by using a rotary encoder and press it to save the preset.

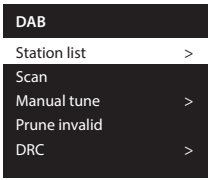




DAB AND FM RADIO. Press the MODE button and use the rotary encoder to select DAB radio or FM from the Home menu. When you activate the radio the first time, it will perform an auto-tune to find all available stations and tune into one when finished.

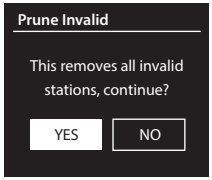




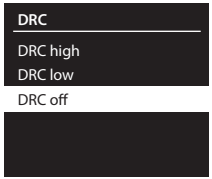


DAB radio settings: Live radio automatically scans for radio stations at the first
DAB radio activation.
All the found stations will be stored automatically. Radio station scanning can be activated manually by selecting the “SCAN” option in the DAB radio menu.

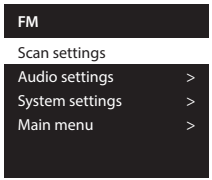
MANUAL TUNE. As well as the auto-tune function, you can manually tune the receiver. It allows adding new stations missed during auto-tuning. To activate the manual tune hold the MENU/INFO button to bring the main menu. Select the Manual Tune option to start.



Prune Invalid: To remove all unavailable stations from the list, press and hold the MENU/INFO button to activate the main menu. Select the "Prune invalid" menu option and press the rotary encoder. Live radio will show a new window to confirm the selection.



DRC (Dynamic Range Compression): If you are listening to music with high dynamic range in a noisy environment, you may wish to compress the audio dynamic range to equalize the quietest and loudest audio tracks. There are three options to select. Use rotary encoder or remote control navigation buttons to set compression level.



FM radio settings: There are two options how to scan radio stations. The first one is auto-scan. Press and hold the backward, and forward buttons or hold the rotary encoder to start the scan function. Live radio stops scanning while next to a strong signal FM radio station. The second way is manual FM tuning. Press the backward or forward buttons briefly it allows adjusting

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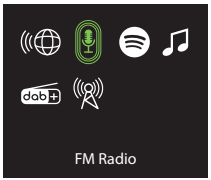
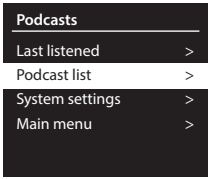
the radio frequency by 0.05MHz steps.
There is a menu to adjust some scan and audio settings. Scan settings give a choice to select the station with a strongest radio signal. It helps to avoid detecting static noise as a radio station or stop scanning on weak FM signals. Audio settings menu - option to set audio signal type: mono or stereo.

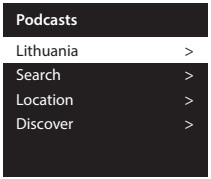


PODCAST. When you access the podcast radio menu, the LIVE RADIO automatically receives the list of available podcasts. The online service ensures that you always have a fresh podcast list. Use the rotary encoder to select the last listed podcast or go to the podcast list to search and select new. The podcast menu is similar to the internet radio menu:

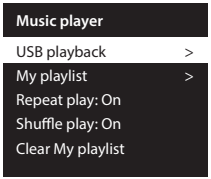


Last listened: This is a list of last played podcasts to help quickly find and play it one more time. Live radio updates this list whenever the user plays a new broadcast. There is a memory of the five last played.
The podcast list gives availability to select more options and find broadcasts according to your needs.

Local podcast: Live radio automatically detects the location and suggests user listen local broadcast. To start using this option, click the rotary encoder in your



country name and select the needful broadcast to listen.
Search: There is an option to search for podcasts with particular keywords in their title. Select the search function and add keywords to the search submenu.
Location: Choose podcasts from any location. Select a continent from the Live radio menu. A list of countries in the selected area will be available to check. Select a country and available podcast list will be displayed. Click on liked to start listen.
Discover: This menu allows you to select from a list of broadcasts defined by their origin, genre, or language. Navigate through the category options once you have made your selection, Live radio shows your selected category and the number of matching podcasts. To see the list, select the show podcasts menu. The number near this menu indicates the total number of matching broadcasts.
MUSIC PLAYER. Live radio supports USB 2.0 and USB 3.0 flash disks up to 128GB. The player supports basic control options: Play/pause, backward/forward, repeat, and shuffle play.



Press the play/pause button to pause the track that is currently playing. If you have paused before, press again to resume playback. During Play or Pause mode, click the button “Backward” or “Forward” to go to the next track or go back to the beginning of the current audio track.

Repeat Playback: Press repeat once on the remote control or in the menu

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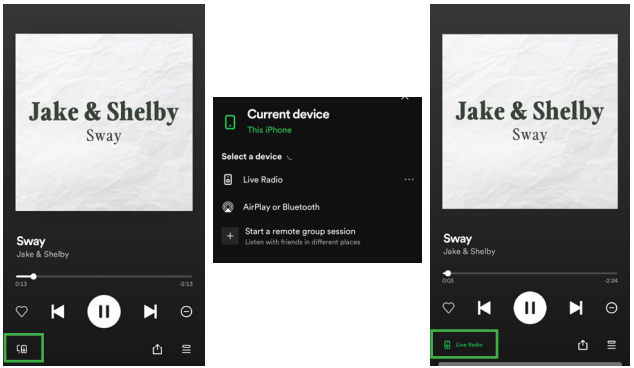
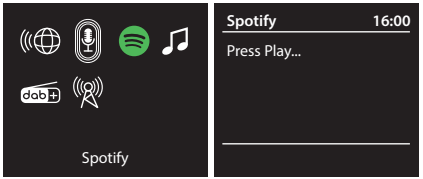
window to start the repeat folder. The repeat symbol on the screen indicates an active function.

Random playback: Audio tracks on the USB can be played in a random order. During playback mode, Press the "random" button on the remote control or use the menu. The random indicator will show on the display.
NOTE! The unit can only play MP3 and WMA file formats from USB.
The unit may not be compatible with all USB devices.

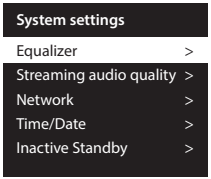
SPOTIFY. Use your phone, tablet or computer as a remote control for Spotify. Go to spotify.com/connect to learn how.



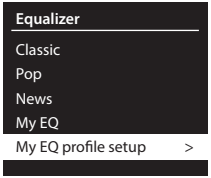
The Spotify software is subject to third party licenses found here: https://www.spotify.com/connect/third-party-licenses.



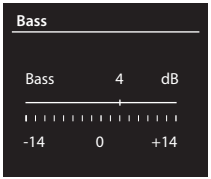
Operation

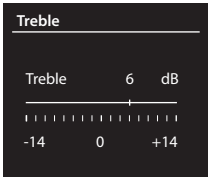


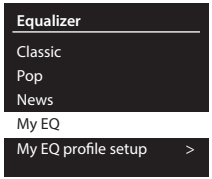
SYSTEM SETTINGS. Menu allows setting all main live radio parameters. These settings are available from any other Live radio menu, usually located at the end of other menu choices. Press and hold the menu/info button and use the rotary encoder to scroll and find the system settings menu.



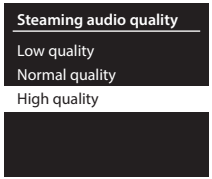
EQUALIZER: Live radio already have a wide range of EQ presets. Despite this there is an option to set its own EQ preset. To set custom EQ, select "My EQ profile setup" and set bass and treble level according your needs. Save your settings and change EQ preset to My EQ.







STREAMING AUDIO QUALITY: Live radio supports the setup of audio quality to save internet data usage or sure uninterrupted streaming if data bandwidth is limited. There are three options to choose from: Low quality / Normal quality / High quality. Audio bitrate depends on the radio station stream. Device selects from available bitrates to match these three audio quality presets. The exact audio bit rate and codec can be found on the Live radio screen by pressing the info button.

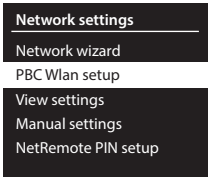


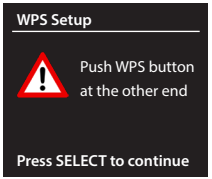
NETWORK SETTINGS. Live radio menu for network configuration.

Network wizard: Please check the setup wizard in the quick setup guide located at the beginning of this user manual.

PBC WLAN setup: Wi-Fi Protected Setup (WPS) designed connect to a secure wireless network device easier. To connect Live radio to the local wireless network, please activate the PBC WLAN setup and push a WPS button on the router. Follow the guide on the screen and click the rotary encoder to start a connection. Note! Not all Wi-Fi routers and access points support WPS functions. Please check your Wi-Fi routers and access point's user manual or visually check the WPS button on the network device.

Operation

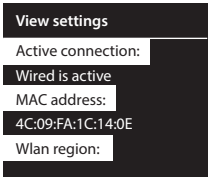






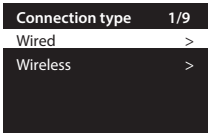
1. Enter to PBC Wlan setup.
2. Press WPS button on Wi-Fi router or access point.
3. Click the rotary encoder to start a connection.

View settings: menu designed to show all network settings of the Live radio player.

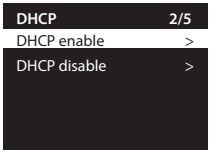


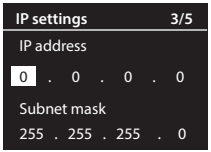
Manual settings: This menu is for setting-up network parameters manually. Live radio supports wired and wireless connections. After manual setup, device keeps these connection settings untill factory reset or reconfiguration. Live radio only uses connection methot that is selected and does not switch between wired and wireless connections automatically.

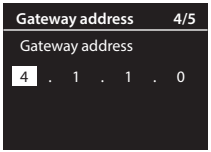
Wired: This connection type requires Ethernet cable. Two network options available here: using DHCP or enter IP address manually. "DHCP enable" menu option should be selected In order to use DHCP service.



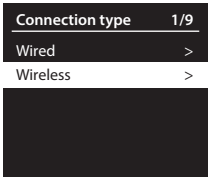
In this case Live radio connects to LAN automatically. In order to setup all networks parameters manually "DHCP disable" should be selected. In this case user can manually enter IP address, subnet mask and gateway address.

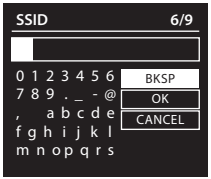


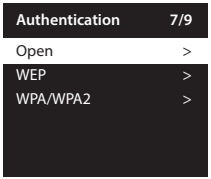




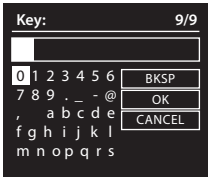
Wireless: This connection type in the same way as wired method will ask to enable or disable DHCP. Also enter the wireless network name (SSID) and select authentication method.





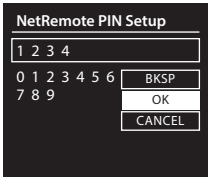


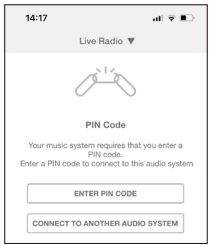
Operation



There are available three authentication methods:
Open: This option dedicated to the wireless network without the password.
WEP – Older generation Wired Equivalent Privacy encryption and user authentication method.
WPA/WPA2 – Most widely used authentication method.
Note: WEP or WPA/WPA2 depends on the Wi-Fi router or access point configuration. Ask your network administrator if you are unsure which method is applied to your network, or try both WEP and WPA/WPA2.

NetRemote PIN Setup: Live radio can be control by smartphone using OKTIV App. To prevent unauthorized control PIN code for access to live radio can be set in the Live radio menu named "NetRemote PIN Setup". OKTIV app does not ask PIN code if the default PIN set to Live radio, otherwise app will ask to enter a PIN code to allow control.





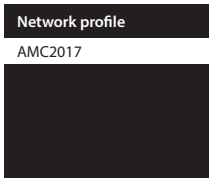
The default PIN code is 1234.

Controlling with mobile app: The device can be control by using iOS or Android smartphone or tablet using OKTIV app. Users can view and control all main device functions. Search for OKTIV app in Google Play or Apple Store, and install it on your smartphone or tablet.

Before using the app, ensure that the device and the smartphone/tablet are on the same WiFi network. Launch the app and scan for live Radio in the network.

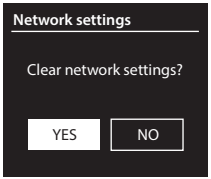
OKTIV for Android

OKTIV for iOS

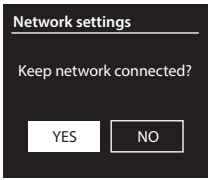


Network Profile: It's a list of ever-used Wi-Fi networks. This list helps to easily reconnect to the previously used network.

Operation



Clear network settings: Menu option to clear list and settings of ever used networks.

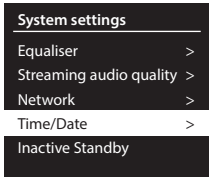


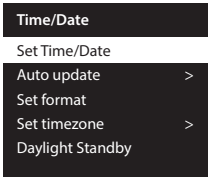
Keep network connected: This option keeps the network connected even if the Live radio stays in standby mode.

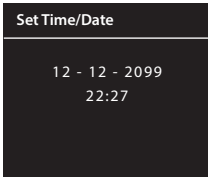
Time/Date settings: The clock will automatically set itself using your Network, digital or FM radio signal. If the time or date does not update automatically, you can manually set it using this option.

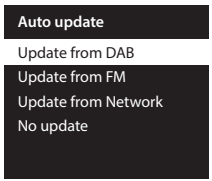
Note: Any time or date updates received by a digital broadcast will override manual settings.

To set the time and date manually, open the "Set time/Date" menu option. Turn the rotary encoder to set the day and press it to save settings and jump to month, year and time adjustment. Live radio brings back to the Time/Data menu after all data parameters will be set.

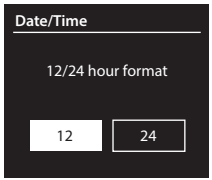






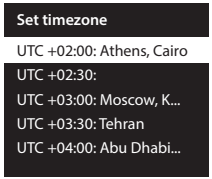


Auto update: Live radio can synchronize the time and date by using a control signal from the FM, digital radio, or network signal. To specify the clock synchronization options enter to Auto update menu and press the rotary encoder to choose between the 'Update from DAB', 'Update from FM', 'Update from Network', and 'No Update' clock synchronization options.



Set format: Set time format, choose between 12 or 24 hours.

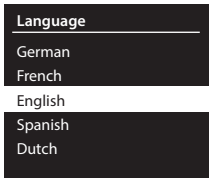
Operation



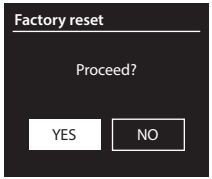
Set Time zone: This option allows setting time zone according to your location. It helps to set up the correct time if auto-update functions are activated.

Daylight saving: This function moves the clocks forward one hour from standard time during the summer months and changes them back again in the fall. Menu has two options, it's possible to enable this function or disable it.

Inactive standby: Use the Inactive Standby to turn off the unit after a certain time in play mode. It's available to set timer from 2 till 6 hours.

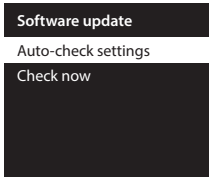


Language: Setting to set Live radio menu language. Default Language – English.

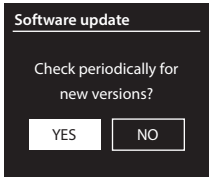


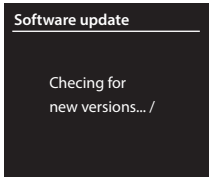
Factory reset: Recover Live radio factory parameters.

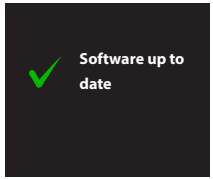
Software update: This menu setting up software update feature. There are two options to choose: Automatic software update and instant update checking.



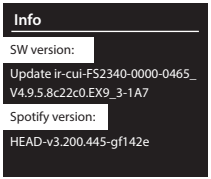
Auto update function should be enabled in Auto-Check setting menu. For instant firmware checking press "Check now" menu. Text message on the screen informs firmware status if software is up to date, otherwise firmware update wizard will show up on the screen. Follow the wizard to update if Live radio detects new firmware.







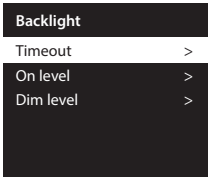
Operation



Info: This menu holds all the information about the Live radio device, like firmware and Spotify version, Radio ID and name.

On level: Option to set up default LCD backlight brightness. There are three options to choose High, Medium, or Low.

Dim level: Setting to adjust dimmed LCD backlight brightness. Two options are available: Medium and low.



Backlight: Option to adjust screen backlight brightness.

Timeout: allows adjusting the duration of the bright backlight, till it goes to dimmed stage. Time can be set in a 10 – 180 sec period. Set this parameter to ON, to specify that the backlight should always remain active.

General Specifications

Live Radio Media Player

Max power consumption	4 W
Power supply	220-240V ~50Hz
Standby power consumption	1.9 W
Music sources	Internet radio, Spotify connect, Podcasts payer, wireless audio streaming from mobile devices, DAB+ radio, FM radio, USB flash disk player USB flash support - USB2/USB3 up to 128 GB
Inputs	75 Ω unbalanced FM antenna terminal 2.4 GHz SMA terminal for Wi-Fi antenna RJ45 (Ethernet) cable terminal
Outputs	Stereo RCA, Stereo 3,5 mm Jack, Optical output TOSLINK, Digital Audio RCA
Max output level	0 dBu
FM frequency range	87.5 – 108 MHz RDS support
DAB+ frequency range	174–240 MHz
FM preset stations	30
Internet radio preset stations	30

The specifications are correct at the time of printing this manual. For improvement purposes, all specifications for this unit, including design and appearance, are subject to change without prior notice.