

User Manual

KitchenRadio IR

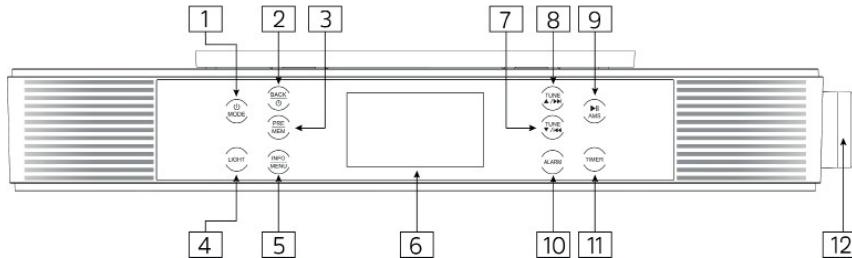
FM/Internet/Bluetooth kitchen radio



TechniSat

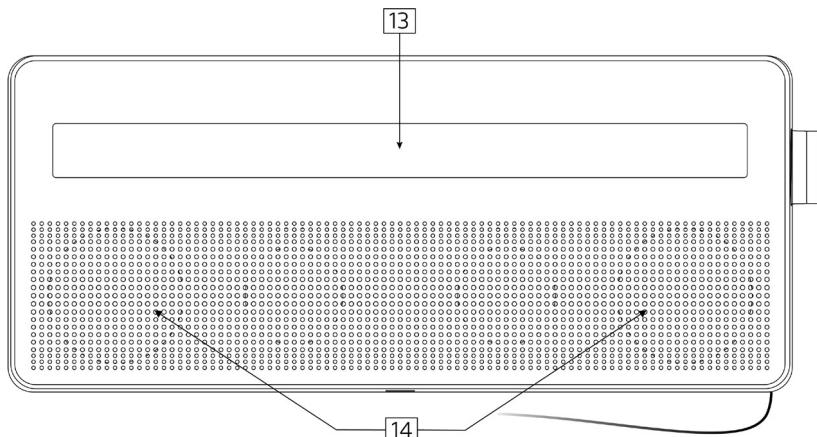
1 View of the device

1.1 Operating elements



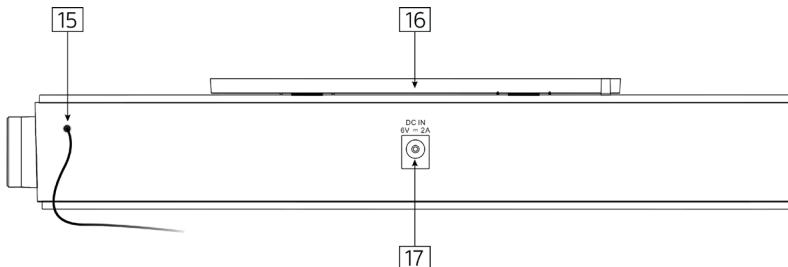
- 1 **⊕ On/Standby, MODE (change source).**
- 2 **BACK (back), ⌂ clock setting**
- 3 **PRE/MEM (play /remember favorite stations).**
- 4 **LIGHT (backlight on/off)**
- 5 **INFO/MENU (information selection, menu call)**
- 6 **LCD display**
- 7 **TUN button (▼/ previous track)**
- 8 **TUN button (▲/ next song)**
- 9 **AMS (play/pause) button**
- 10 **ALARM (alarm setting)**
- 11 **TIMER (setting the timer)**
- 12 **Navigation knob (volume +/-, confirm selection, mute)**

1.2 View from below



- 13 **LED light strip**
- 14 **Speakers**

1.3 Rear view



15 FM wire antenna

16 Mounting plate

17 DC-input power socket (DC-IN)

2 Safety Tips

21 Foreword

Dear Customer,

Thank you for purchasing KitchenRadio IR from TechniSat.

These operating instructions are designed to help you become familiar with the KitchenRadio IR functions and use them optimally. They will help you to use the device safely and as intended. It is intended for any person who installs, operates, cleans or disposes of the device.

Keep the instruction manual in a safe place for future use.

The current version of the user manual can be found on the TechniSat website in the download section for the product.

www.technisat.pl

We hope you will enjoy using KitchenRadio IR! TechniSat Team

22 Characters and symbols used

The characters used in this manual are:

⚠ Indicates a precautionary measure that, if not observed, could result in a serious injury or death. Observe the following signal words:

DANGER - Serious injury, with possible death **WARNING** - Serious injury, possible danger to life **CAUTION** - Injury.



It indicates a precaution that, if not observed, could cause serious injury or death. It also describes additional features of the device.



Warning of electrical voltage. Follow all safety instructions to avoid electric shock. Never open the device.



The functions and keys to be pressed are printed in **bold** in this manual.

Symbols on the device:



Indoor use - Devices marked with this symbol are intended for indoor use only.



Protection Class II - Protection Class II electrical equipment is electrical equipment that has continuous double and/or reinforced insulation and does not have the possibility of connecting a protective conductor. The casing of a Class II electrical device enclosed in an insulating material may partially or completely form additional or reinforced insulation.



The device is CE marked and complies with all required EU standards.



This appliance has been designed and manufactured with high-quality materials and components that are suitable for post-new use. The symbol of the crossed-out wheeled waste container indicates that the product is subject to separate collection in accordance with Directive 2012/19/EU of the European Parliament and of the Council and in accordance with Directive 2006/66/EC of the European Parliament and of the Council, and informs that electrical and electronic equipment and batteries and accumulators, after their useful life, must not be disposed of with other household waste. The user is obliged to return it to the collector of waste electrical and electronic equipment and batteries and accumulators forming a system for the collection of such waste

including to an appropriate store, local collection point or municipal unit. Waste equipment can have harmful effects on the environment and human health due to its potential content of hazardous substances, mixtures and components. The household plays an important role in contributing to the reuse and recovery, including recycling, of waste equipment. At this stage, attitudes are formed that influence the preservation of the common good, which is a clean environment. Households are also one of the largest users of small equipment, and rational management of this equipment affects the recovery of recyclable materials.

In the event of improper disposal of this product, penalties may be imposed in accordance with national legislation. At the end of the product's life cycle, it should not be disposed of in the garbage of normal household waste, but at a collection point for used electrical and electronic equipment. This is indicated by the symbol on the product, user manual or packaging. Materials are recyclable according to the label. By reusing, recycling or otherwise recycling old equipment, you are making an important contribution to environmental protection.



Follow the safety instructions/guidelines in the manual.



The power supply of your device corresponds to Class VI energy efficiency.



This symbol indicates the polarity of the DC voltage on the DC plug of the AC adapter.

23 Purpose of the device

KitchenRadio IR is designed to receive FM radio broadcasts, Internet radio, podcasts and music streaming via Bluetooth connection. The device is designed for private use only as a sub-rail kitchen radio. The product is not suitable for commercial use.

24 Safe handling of the product

Observe the following instructions to minimize safety hazards, avoid damage to the device, and contribute to environmental protection.

Read all safety instructions carefully and keep them for future reference. Always follow all warnings and instructions in this manual and on the back of the unit.



DANGER!

Never open the case or the back of the device. Touching live components is life-threatening!



WARNING!

Danger of suffocation! Do not leave packaging and its parts in the care of children. Danger of suffocation from foils and other packaging materials!



To ensure proper use of the device and to avoid damage to the device and personal injury, follow all of the following instructions.

- Do not repair the device yourself. Repairs should only be carried out by trained professionals.
Contact our customer service centers.
- The device may only be operated under the environmental conditions specified for it.

- Do not expose the device to dripping or splashing water. If water gets into the device, unplug it from the power supply and contact our service department.
- Do not expose the device to heat sources that heat up the device in addition to normal use.
- In the event of a noticeable defect in the device, the appearance of odor or smoke, significant interference with operation or damage to the housing, contact the service center immediately.
- The device can only be powered by the mains voltage specified on the power supply unit. Do not attempt to operate the device at any other voltage. Use only the supplied power adapter.
- Unplug the device from the outlet if it will not be used for a long time.
- If the device is damaged, do not use it.
- Do not use the device near bathtubs, showers, swimming pools or flowing/splashing water. There is a risk of electric shock and/or equipment failure.
- Foreign objects, such as needles, coins, etc., must not fall inside the device. Do not touch the connection contacts with metal objects or fingers. This may lead to a short circuit.
- This device is not intended for use by persons (including children) with limited physical, sensory or mental abilities, or persons without experience and/or knowledge, unless they have received supervision or instructions on the use of the device from a person responsible for their safety. Never allow children to use this device without supervision.
- Make sure that the ventilation holes are not covered by objects. Maintain a minimum clearance of 10cm from all sides of the device.
- It is forbidden to make changes to the device.

24.1 Legal guidelines



TechniSat hereby declares that the KitchenRadio IR radio device is in compliance with Directive 2014/53/EU and RoHS 2011/65 EU. The full text of the EU Declaration of Conformity is available in PDF format in the download section of TechniSat's homepage at www.technisat.pl or directly:

<http://konf.tsat.de/en/?ID=25382> or <http://konf.tsat.de/?ID=25382>



TechniSat is not responsible for any damage to the product caused by external factors, wear and tear or improper handling, unauthorized repairs, modifications or accidents.



Subject to changes and printing errors. Status as of 11/24.
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The latest version of the manual is available in PDF format in the download section of the TechniSat homepage at www.technisat.pl.

242 Service tips

- i** This product is quality tested and comes with a statutory warranty period of 24 months from the date of purchase. Please to keep the receipt as proof of purchase. In the case of warranty claims, the cost of shipping directly to the manufacturer is paid by the customer.
- i** For questions and information or problems with this device, please o contact our technical hotline:
Mon. - Fri. 8:00 - 16:00 at phone no: 71 310 41 48.
- i** The guarantor, within the scope of the guarantee, undertakes to remove at its own expense any defects in the product. Removal of defects will be carried out by replacing the defective product with a new, defect-free one or repairing it.
- i** In order to exercise the warranty, the purchaser must report the defective product to the point of sale where the product was purchased and deliver the defective product there. The product should be delivered complete.
- i** The warranty does not cover product defects caused by the purchaser or resulting from:
 - Using or installing the product in a manner inconsistent with the instructions for ,
 - Improper storage or maintenance of the device,
 - repairs or alterations of the product performed by unauthorized persons,
 - ingress of fluids or foreign bodies,
 - lightning and power line surges.
- i** The provisions of the warranty do not exclude, limit or suspend the rights of purchasers (consumers) under generally applicable laws.
- i** Obtain detailed information on the safety of the product, including the rules and procedures of the warranty procedure, assigning an RMA number, is possible by phone 71 310 41 48 or by emailserwis@technisat.com , on working days, from 8 am to 4 pm.
- i** Service requests ON-LINE via the website: www.serwis.technisat.com

3 Device description

3.1 Kit contents

Before commissioning, check that the set is complete:

- 1x KitchenRadio IR
- 1x Power supply
- 1x User manual
- 1x Mounting plate
- 4x Mounting screws

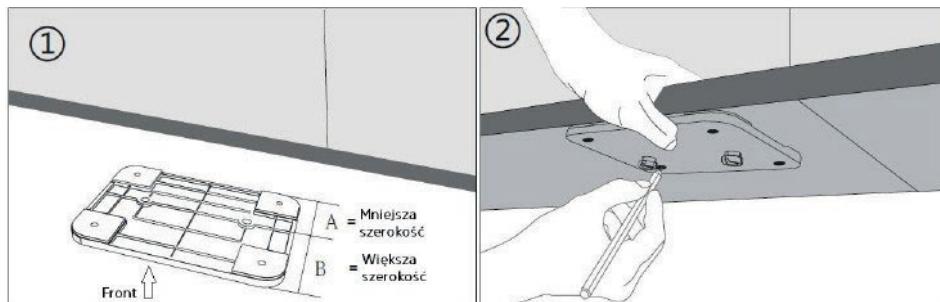
3.2 Special features

The radio has the following special features:

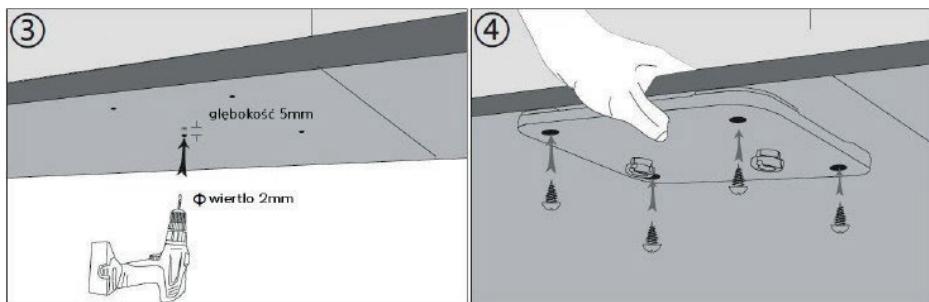
- Receive FM radio broadcasts and Internet radio via WLAN.
- FM reception range 87.5-108 MHz.
- Bluetooth function.
- Podcasts.
- List of favorite FM stations and Internet Radio.
- Cooking timer and alarm clock.
- Highlight.
- Color display.

3.3 Assembly and preparation of the device for operation

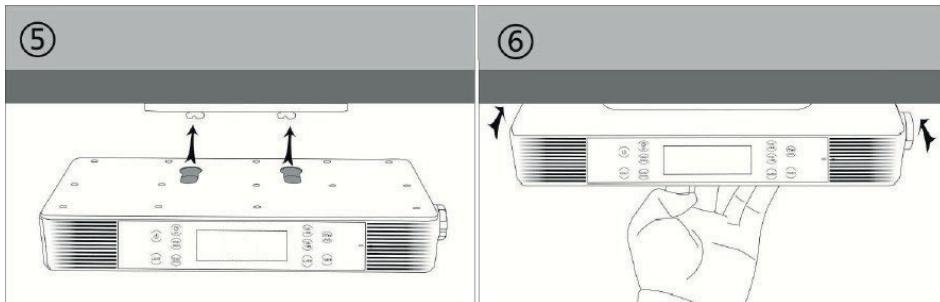
- > The maximum mounting height must not exceed 2 meters.
- > Mount the supplied KitchenRadio IR mounting plate under a mounting surface (such as a kitchen shelf).
- > Note the distance from the center holes to the edge (**step 1**). The front of the board has a longer distance to the mentioned holes. Put the mounting plate front to edge (**step 2**) and mark four points for future mounting holes.



- > To prevent damage to the furniture, drill mounting holes with a drill with a diameter of 2mm according to the previously marked points (**step 3**). The depth of drilling is 5mm.
- > Using the screws provided, please attach the plate to the underside of the shelf (**step 4**).



- > Please seat the KitchenRadio IR on the mounting plate paying attention to the mounting tabs (**step 5**). When the radio is seated on the mounting plate, please slide it in the indicated direction until you feel resistance (**step 6**).



- > Plug the supplied power adapter into the socket marked DC-IN on the back of the KitchenRadio IR and install the wire antenna.

3.3.1 Setting up a wire antenna

The number and quality of stations received depends on the reception conditions at site. Excellent reception can be achieved with a wire antenna.

- i** The wire antenna must be spread over its entire length to get the most favorable reception.
- i** The first scan of radio programs can be run at the window. In bad weather, FM reception may be possible limited.
- i** Do not touch the wire antenna when a station is being played. Doing so may cause reception interference and sound dropout.

3.3.2 Connection to power supply

⚠ WARNING!

Do not touch the mains plug with wet hands, risk of electric shock!

⚠ NOTE!

Route the power cord so that no one trips over it. Make sure the power cord or power adapter is always easily accessible so that you can quickly unplug the device!

- > Plug the power plug of the KitchenRadio IR power supply into a power outlet (100-240V ~ 50/60 Hz).
- i** The device should only be used with the included power adapter.
- i** If the device will not be used for a long time, please unplug the power adapter from the wall outlet.
- i** Before connecting the device to a wall outlet, make sure that the operating voltage of the device corresponds to the local mains voltage.

34 General functions of the device

34.1 Switching on the device

First, prepare the KitchenRadio IR for operation as described in the following sections 3.3 - 3.3.2.

- > Press  **On/Standby (1)** to turn on KitchenRadio IR.

34.2 Shutting down the device

- > Press and hold the  **On/Standby button (1)** to put the device into standby mode. The display will show the date and time.

34.3 Volume control

- > Adjust the volume with **the navigation knob (12)**. Turn clockwise to increase the volume, turn counterclockwise to decrease the volume.

 The set volume is shown on the display with a graph.

34.4 Menu operation

The menu provides access to all functions and settings of the KitchenRadio IR radio. To open the menu, press and hold the **MENU** key for 5 seconds.

The menu is navigated using the buttons **(8)**  and **(7)**  or **the navigation knob (12)**.

To select a specific function or confirm a menu item, press **navigation knob (12)**.

To go back to the previous step or to cancel the selection, press the key  **BACK (2)**.

The menu is divided into submenus and contains various items or functions that can be activated depending on the mode.

Below is a compilation of all the items that can be selected from the menu.

Level 1	Level 2	Description
My favorite		List of favorite stations
Internet radio	Skytune	Browse online radio stations based on various criteria
	Search (Skytune)	Search for Internet radio stations based on station names
	History	List of recently played stations
FM Radio		Searching and receiving FM stations
BT stru- mensional transmission		Connection and playback from Bluetooth® devices
Alert		Turning on/setting the wake-up function
Temporary shutdown		Function of sleep timer 15-180 minutes
Configuration	Network	WiFi network settings

	Date and time	Set time, zone, date, format
	Language	Setting the menu language
	FM settings	Setting regarding FM station reception
	Local radio stations	Local station selection settings
	Inclusion options	Setting the operation mode after power resumption
	Automatic energy saving	Set the idle time after which the device switches to standby mode - 10/15/30 min (default 15 min)
	Highlight	Display brightness settings
	Equalizer	Choice of audio
	Buffering time	Setting the buffer range for uninterrupted playback
	Cooking timer	Timer settings (alarm volume and duration)
	Network information	View network and device information
	System information	Displaying device information
	Software update	Software update
	Factory settings	Restore the device to factory settings
Podcasts	Listen/Browse/Search/History/Subscribed.	Browse and play online podcasts based on various criteria



Note that individual configuration points or their translation may change after a software update.

4 First configuration

Menu language, use **the navigation knob (12)** to select the desired language. Press the knob to confirm the setting and proceed to the next step.

Time zone, use **the navigation knob (12)** to select the desired region/country/city. Press the knob to confirm the setting and proceed to the next step.

Setting up the WiFi network, use **the navigation dial (12)** to select **[Yes]** to start the wireless network wizard or **[No]** to set up the network connection later. After starting the network configuration, select one of the available options:

[Scan and Select], the radio will search and display a list of wireless networks within range. Using **the navigation knob (12)**, select the appropriate network and click the knob to proceed to entering the password.

The character in the password is selected using **the navigation knob (12)**. To move to the next field we click  (8), to delete a character we click  (7).

After entering the password, click **the navigation knob (12)** to connect the radio to the selected Networks.

[WPS button] - when this option is activated, the radio will start trying to establish a WPS connection with the router (only if supported by the network router).

Local radio stations, use the navigation knob to select the appropriate region/country to load a predefined station list for the area.

Press the navigation knob to confirm the setting and complete the configuration.

5 Source selection

> **MODE button (1)** can be used to switch between sources: My Favorites, Internet Radio, FM Radio, Bluetooth, Podcasts, Setup. To do this, briefly press the button several times.

 Sources are represented by the following symbols.



My favorites



Internet radio



FM radio



Bluetooth



Configuration



Podcasts

6 My Favorites

 Up to 99 favorite stations can be stored in the radio's memory. Internet and FM stations have separate favorite lists.

 By default, any new station will be added to the end of the favorites list.

6.1 Adding stations to the favorites list

- > First, select the desired station to be added to the favorites list.
- > Press and hold the **PRE/MEM** button until a small arrow and the message **[Storage]** appear at the top left of the display. The station has been added to the favorites list.

6.2 Selecting stations from the favorites list

- > Press the **PRE/MEM** button briefly to call up the list of favorite stations.
- > **Using the navigation knob** or arrow buttons  (7),  (8)
Select the appropriate folder / station.
- > Press **the navigation knob** to turn on the station.

7 Internet Radio

KitchenRadio IR is equipped with an Internet radio receiver. In order to receive Internet radio stations, you need an Internet connection through the WLAN router for wireless networking.

- > Switch the radio to Internet Radio mode by pressing the **MODE** button.
- > Alternatively, press and hold the **MENU** button, use the dial to select **[Internet Radio]** and press the dial button.
A list of possible functions appears:
- > **Skytune** - Contains tens of thousands of radio stations from around the world. Stations can be filtered by region, genre, music and programs.
- > **Search (Skytune)** - Allows you to search for Internet radio stations based on names and other criteria.
- > **History** - Contains stations that have been listened to recently.

7.1 Skytune - playing internet radio stations

- > Use the dial to select **[Skytune]** and press the dial.
- > Select a station by category/country/genre using the dial. Press the knob to advance and play the station.

 At Skytune, you can choose from tens of thousands of radio stations from around the world. Radio stations can be filtered by region, music genre and programs.

 If you select **[Local Radio]**, you can play local stations from your country via your Internet connection.

7.2 Skytune search - searching for an Internet radio station

Instead of scrolling through a list of radio stations, you have the option to type in a few letters to filter the list and find the desired station faster.

- > Use the dial to select one of the available options and press the dial to proceed to character entry.
- > Characters are selected using **the navigation knob (12)**. To move to the next field we click  (8), to delete a character we click  (7).
- > After typing in the "phrase" you are looking for, click the navigation knob to start the search.

7.3 History

- > The **[History]** tab displays a list of recently played stations.
- > Use the knob to select a station, then press the knob to play it.

i The radio remembers up to 99 stations you have listened to recently. If you have listened to more than 99 stations, the first stored stations will be overwritten.

8 FM Radio

KitchenRadio IR is equipped with an FM radio receiver.

The number and quality of stations received depends on the reception conditions at site. Spread the wire antenna over its entire length to get the most favorable reception.

8.1 Enabling FM mode

- > Switch the radio to FM radio mode by pressing the **MODE** button.
- > Alternatively, press and hold the **MENU** button, use the dial to select **[FM Radio]** and press the dial button.

8.2 Automatic station search

- > The first time you start up, you will be asked if you want to search for FM stations. Select **[YES]** with the dial and press the dial button to start searching.
- > The device automatically searches and saves radio stations. During scanning, the progress of the number of channels received will be displayed.
- > Once the search is complete, a list of stations will be displayed.

i The device uses the AUTO SEARCH function during auto search, which automatically saves the first found stations with a strong FM signal to the favorites list.

8.3 Manual tuning

- > To manually tune the frequency, press and hold **the navigation knob** until **[Tuning]** appears in the lower right corner of the display.
- > Use the arrow buttons  (7),  (8) to tune the frequency.
- > When finished, press and hold **the navigation knob** to complete manual tuning.

i The display shows the frequency in steps of 0.05 MHz.

i If the reception is too weak and there is noise on the received station, try to improve the reception by changing the position of the wire antenna. Alternatively hold down the  key to switch reception to mono mode.



Use manual tuning to select weaker stations that may be missed during automatic tuning.

8.4 Save a station to your favorites list

- > First, select the desired station to be added to the favorites list.
- > Press and hold the **PRE/MEM** button until a small arrow and the message **[Storage]** appear at the top left of the display. The station has been added to the favorites list.

8.5 Selecting stations from the favorites list

- > Press the **PRE/MEM** button briefly to call up the list of favorite stations.
- > Use the navigation knob or arrow buttons  (7),  (8) to select the desired folder / station.
- > Press the **navigation knob** to turn on the station.

9 Bluetooth

In Bluetooth mode, you can listen to music from a connected smartphone or tablet through the speakers of the KitchenRadio IR radio. To do this, the two devices must be "paired" with each other.

9.1 Enabling Bluetooth mode

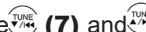
- > To start, switch the radio to Bluetooth mode by pressing the **MODE** button.
- > Alternatively, press and hold the **MENU** button, use the dial to select **[Bluetooth]** and press the dial button.

The first time you turn it on, you must first pair the external device If the radio has already been paired with an external device that is located get in range, the connection will be established automatically.

9.2 Pairing a new device

- > Start Bluetooth mode as described in 9.1.
- > On the external device (phone/tablet), start searching for Bluetooth devices in the vicinity may need to enable Bluetooth on the external device first.
- > The entry "**KitchenRadio IR**" should appear in the list of Bluetooth devices found on the external device. Tap on the name of the radio to complete the pairing process. If the pairing was successful, the radio will beep.

Depending on the Bluetooth protocol of the external device, you can control music playback from the radio.

- > During music playback, press the **AMS** button **(9)** to pause music playback. To resume music playback, press it again.
- > Use the  **(7)** and  **(8)** buttons to select the previous and next song.
- i** The Bluetooth function only allows you to receive music, the device does not have a hands-free function.
- i** To disconnect a connected Bluetooth device: press and hold the **AMS** button **(9)** for about 4 seconds. The display will show "**Not connected**" and the radio will beep.

10 Configuration

In this mode you will find full settings / configuration options for all settings.

- > Press the **MODE** button and select **[Configuration]** mode to display a list of all available options.
- > Alternatively, press and hold the **MENU** button, use the dial to select **[Configuration]** and press the dial button.

10.1 Network

The WLAN connection can be established in the Network area.

10.1.1 Wireless network

- > To establish a connection, select **[Network]> [Wireless Network]> [Add Wireless Network] > [Scan and Select]**. The radio will search for and display a list of wireless networks within range.
- > Using **the navigation dial**, select the correct network and click the dial to proceed to entering the password.
- > The character in the password is selected by turning **the navigation knob**. To move to the next field we click  **(8)**, to delete a character we click  **(7)**.
- > After entering the password, click **the navigation knob** to connect the radio to the selected network.

10.1.1.1 AP - management of known networks

The name of the network to which the radio is connected is displayed here.

If you have added more than one wireless network to the radio and want to switch to another WiFi network, select this option.

10.1.1.2 Signal

Displays the signal strength of the Wi-Fi router. If the signal reception is less than -70dBm and has a negative effect on radio reception, improve the placement of the router or radio.

10.1.1.3 IP

By default, the device uses dynamic IP address assignment by the router. To change this, select **[Fixed]** and enter the address manually.

10.1.1.4 DNS

By default, the device uses dynamic DNS address assignment by the router. To change this, select **[Fixed]** and enter the address manually.

10.1.1.5 WPS connection

If your network router is equipped with Wi-Fi Protected Setup (WPS), you can quickly and easily establish a wireless connection with your network router.

- > Select **[Network] > [Wireless Network] > [Add Wireless Network]> [WPS Button]** and press the dial.
- > After activating this option, the radio will start trying to establish a WPS connection with the router (only if supported by the network router).
- > Within 120 seconds, press the WPS button on the network router.
- > The connection will be established automatically.

10.1.2 Network options

- > **Always on** - the device always maintains a connection to the Internet during operation.
- > **Auto disconnect after 15 seconds / 30 seconds** - in case the selected source does not require WiFi connection, the radio will disconnect from the Internet after the selected time.

10.1.3 Wireless channels

Different countries may have different wireless network parameters. To connect to the correct channels, select the country you are in from the list. The channels are preset at the factory to match the regulations and requirements in your country.

10.1.4 Network connection test

Select this option to check the parameters of the WiFi wireless network connection.

10.2 Date and time

Time and date can be entered manually or updated automatically through a network connection.

10.2.1 Setting the date and time

- > To set the time manually, select **[Setup> Date and Time> Set Date and]**.
- > Use the dial to enter the date and then the time. After each digit, press  (8) to move to the next digit.
- > When all settings have been made, press **the navigation knob** to save the settings.



Alternatively, in standby mode, hold down  to the date and time settings.

10.2.2 Time zone

To select the time zone, set the correct region/city with the dial. Press **the navigation knob** to save the settings.

10.2.3 Setting the time format

Customize how the hours and minutes are displayed on the device.

- > Use **the dial** to select one of the following options:
- > **[24 hours]** or **[12 hours]**.
- > Press the **dial** button to apply the change.

10.2.4 Set the clock style

The function allows you to customize the appearance of the clock in standby mode.

- > Use the dial to select one of the following options:
[Digital Clock], **[Analog Clock 1]**, **[Analog Clock 2]**.
- > Press the **dial** button to apply the change.

10.2.5 Setting the date format

Adjust the way the date is displayed on the device screen.

- > Use **the dial** to select one of the following options:
[DD-MM-YYYY] (day, month, year).
[MM-DD-YYYY] (Month, day, year).
- > Press the **dial** button to apply the change.

10.2.6 DST (daylight saving time)

A system that involves moving the hands of the clock forward one hour in the spring to extend daylight hours in the evening, and then moving them back one hour in the fall.

- > Use the **[enable daylight saving time]** or **[disable daylight saving time]** **knob**.
- > Press the **dial** to save the settings.

10.2.7 NTP (Use network time)

Each time an Internet connection is established, the time on the radio is automatically synchronized with the time server.

- > Use **the dial** to select one of the options: **[Use network time]** or **[Don't use network time]**.
- > Press the **dial** button to apply the change.

10.2.8 NTP server

The device has a default server set for time synchronization. You can select a different time server for your device by entering its URL manually.

- > The sign is selected by turning **the navigation knob**. To move to the next field we click  (8), to delete a character we click  (7).
- > After entering the entire address, press the **dial** button to apply the change.

10.2.9 Set the time with FM

If the radio station you are listening to is broadcasting an RDS signal with time information then at this point, you can **[enable]** or **[disable]** time synchronization using the FM radio signal.

10.3 Language

- > To configure the menu language, select **[Setup> Language]** and press the **dial** button.
- > Select one of the available languages with **the dial** and press it to apply the change.

10.4 FM Settings

10.4.1 FM area

Select an area according to your physical location to customize the FM radio search range.

10.4.2 Scanning settings

In this menu item, you can set the sensitivity of the search.

- > Select whether to store **[Strong stations only]** or **[All stations]** (including weak **stations**) in the list when scanning.
- > Press the **dial** to save the settings.

10.4.3 Sound settings

By default, all stations are played in stereo. For weak stations, this can result in poor sound quality. The sound quality can be improved by using mono mode.

- > Use the dial to select one of the options: **[Forced Mono]** or **[Auto Stereo]**.
- > Press the **dial** to save the settings.

 Alternatively, during FM station playback, hold down the BACK key to switch reception between mono and stereo modes. "MONO" will appear or disappear in the upper part of the display.

10.4.4 Full FM scanning

By selecting this option, you can conduct a search for new FM radio stations at any time.

 All current settings and FM station list will be deleted.

10.4.5 FM Station List

Displays a list of found radio stations after a full scan.

- > Use **the dial** to select a station, press the dial button to play it.
-  If you want to save the selected station to your favorites list, follow the steps in Section 6.1.

10.5 Local radio stations

Local radio allows you to quickly access radio stations in your area via an Internet connection.

- > To set up a local location, use **the dial** to select the country you are in from the list.
- > Press the **dial** button to apply the change.

10.6 Inclusion options

Select one of the available options to specify in which mode you want the radio to start when power is lost and resumed.

- > **Switch to** standby **mode**, radio will start in standby mode
- > **Resume when finished**, the radio will start on the last station or source played.
- > **Ready to use**, the radio will start in the main menu

10.7 Automatic power saving

The radio will automatically switch to standby when not in use for a certain amount of time.

The auto off time can be set in the following intervals: [10, 15, 30, 45, 60, 90, 120 minutes].

10.8 Highlight

You can customize the backlighting to suit your needs. There are two settings:

- > **Mode** - normal or dimmed
 - Normal** - the display remains at the same brightness level without dimming.
 - Dimmed** - if you do not perform any operation on the radio, the display will dim after 20 seconds.
- > **Level** - set the brightness level of the display for bright and dim modes.

10.9 Equalizer

These settings allow you to quickly adjust the sound to suit your musical style.

- > You can choose one of the preset configurations: **Normal, Flat, Jazz, Rock, Movie, Classic, Pop News**.
- > To adjust the bass and treble tones yourself, select the mode **[Advanced]**.

10.10 Buffering time

Caching time is the period of time when the audio stream is paused before playback to save the data in the cache.

The default is 2 seconds, if you have an unstable Internet connection, set it to 5 or 10 seconds to avoid interruptions in playback.

10.11 Cooking timer - configuration

Allows you to set the cooking time and alarm volume level.

- > **Volume setting:** Adjust the alarm volume with **the dial**.
- > **Duration:** Set the duration of the alarm. You can choose 1, 5 or 15 minutes.

10.12 Network information

Display detailed information about the wireless connection, such as connection type, access point SSID name, MAC address, IP address, etc.

10.13 System information

In this section, you will find detailed information about the device, such as model, software version, etc.

10.14 Software update

The item is used to update the device's software (only with an active Internet connection).

If new software is found, a corresponding message will appear on the display. Follow the instructions on the screen and do not turn off the device during the software update.

10.15 Factory settings

The function restores the device to its original settings, deleting all stored data and user preferences.

- > Select **[Configuration> Factory Settings]** and press the **dial** button.
- > Select **[Yes]** with the **dial** to restore the factory settings. After applying the settings, the radio will restart and display the First Setup Assistant (Item 4).

11 Podcasts

A feature that allows access to a library of podcasts available on the Internet.

- > To start, switch the radio to Podcasts mode by pressing the **MODE** button.
-  Alternatively, press and hold the **MENU** button, using **the dial**
Select **[Podcasts]** and press the **dial** button.
- > A list of available functions appears:
 - Browse** - display available podcasts by language, genre or other filters.
 - Search - search** for podcasts depending on the keywords entered.
 - Search history** - quick access to previously searched content. **Listen again** - re-listen to previously played podcasts.
 - Subscribed** - an overview of all the podcasts the user has subscribed to.
 - History** - quick access to previously played content.

- > Select the desired function with **the dial** and press the **dial** button to start it.

12 Alert

KitchenRadio IR has the ability to set two independent alarms.

- > To set up the alarm, press  (10) on the radio panel.
- > Alternatively, press and hold the **MENU** button, using **the dial** Select **[Alarm]** and press the **dial** button.

An example alarm clock configuration for Alarm 1 is as follows:

- > Select **[Alarm 1]** with **the dial** and press the **dial** button.
- > Select **[On]** to enable the alarm. Press the **dial** button to apply this setting.
- > **Time** - use the dial to enter the time at which the alarm is to be triggered. To go to the minutes field, click  (8). Use **the dial to** set the minutes field and press the **dial** button to save setting.
- > **Sound** - configure the sound source, you can choose from the options: **[Sound]**, **[My Favorites]** or **[FM radio]**. If you select **[My Favorites]** or **[FM]**, you can select a station from the favorites list.
- > **Repeat** - select the interval for repeating the alarm, **[Daily]** or **[Once]**.
- > **Volume** - use **the dial to** set the volume of the alarm and press the button **knob** to save the setting.

 An activated alarm is indicated by the  or  icon on the display.

 To deactivate an alarm that has already been configured, select **[Alarm 1]** or **[Alarm 2]** > **[Disabled]**. Press the **dial** button to apply this setting.

12.1 Stopping an alarm in progress

- > To turn off the ongoing alarm, press  (1).

12.2 Snooze function during the alarm

To enable snooze, press any button (except ), during the alarm. The unit will go into snooze mode, the alarm will restart after 9 minutes. In addition, the display will show

[Snooze alarm clock 1/2]. 

During the snooze function, press , to cancel it.

13 Timed shutdown / sleep

This function automatically shuts down the device to standby mode after the set time has elapsed.

- > Use the dial to set the desired value and press the dial button to save the setting.
The following values are available: [15, 30, 45, 60, 90, 120, 150, 180 minutes].

14 Cooking timer

The timer function allows you to set, for example, the cooking time to precisely control the cooking process.

- > **Enable the Timer function:** Press the **Timer** button  (11).
- > **Set the time:** Press  or  to start. Use **the dial** to set the cooking time. To move to the next field press  , to return to the previous field press  . You can select the time in hours, minutes and seconds.
- > Press the **knob** button to start the cooking timer. The set time counts down and ends with a beep.
- > **Turning off the timer:** When the alarm goes off, you can turn it off by pressing **dial**.

i You can set two independent cooking timers. Press the button several times **Timer**  , to go to **Timer 1** or **Timer 2** settings. The timer can be set for 99 hours, 59 minutes and 59 seconds.

15 LIGHT - backlighting

- > To turn on the sub-lighting, please press the button briefly  (7).
- > Pressing  (7) button again turns off the backlight.

16 Cleaning

- i** To avoid the risk of electric shock, do not clean the device with a wet cloth or under running water. Before cleaning, unplug the mains plug and switch off the device!
- i** Do not use scouring pads, scouring powders or solvents such as alcohol or gasoline.
- i** Do not use any of the following: Salt water, insecticides, solvents containing chlorine or acid (sal ammoniacal).
- i** Clean the housing with a soft cloth moistened with water. Do not use methylated spirits, thinners, etc.; they may damage the surface devices.
- i** Clean the display only with a soft cotton cloth. If necessary, use a cotton cloth with a small amount of non-alkaline, diluted water-based or alcohol-based soap solution.

Gently wipe the surface with a cotton cloth.

17 Troubleshooting

If the device does not work as intended, check it based the following table.

Symptom	Possible cause / solution
The device does not on.	The device is not powered.
There is no sound.	Increase the volume. If still no sound, disconnect and reconnect the power supply.
The device is not working properly, the device has crashed.	Disconnect the device from the mains and reconnect the device to the mains.
FM reception is poor	Change the position of the wire antenna
Noises can be heard.	There is a cell phone or other device emits interfering radio waves in the vicinity of the device. Remove the cell phone or device from the vicinity of the radio.
Poor Bluetooth connection and interference.	Do not exceed the maximum range via Bluetooth of 10 meters.
No WLAN connection	Check the configuration of your router. Verify that the WLAN password is correct.

If the fault still cannot be corrected after the described checks, contact the technical hotline.

18 Technical data

Sources of reception	Internet, FM, Bluetooth
Power supply	DC 6 V, 2 A via external power supply provided
Reception frequencies	UKW: 87.5-108 MHz Bluetooth: 2.402-2.480 GHz Transmitting power max: +8 dBm EIRP WLAN: 2412 - 2484 MHz (802.11b/g/n) Transmitting power max.: 20 dBm EIRP
Bluetooth	Version V5.3, AVRCP, A2DP, HSP
LED lighting	Luminous flux: 34.1 lm Color temperature: 6100K
Power consumption	In operation max: 12W Standby: <0.8W
Speaker	2 x 3 W RMS
Weight	700 g
Dimensions (W x D x H) mm	270 x 115 x 48
Working conditions	0 °C - 40 °C

Technical specifications of the included power supply

Power supply provider	Shenzhen Gulin Technology Co., Ltd.
Model	AK18WG-0600200V
Input voltage	AC 100 - 240 V
Input current frequency	50 / 60 Hz
Output voltage	DC 6.0 V
Output current	2.0 A
Output power	12.0 W
Average efficiency during operation	83,64 %*
No-load power consumption	0,056 W*

*230 V (± 10%) /50 Hz.

19 Manufacturer

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