User manual

version 2

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Thank you for purchasing the Ferguson REGENT i450s radio. To operate this product freely and fully enjoy its features, please read this manual carefully and retain it for future reference.

Designations used

CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	*Warning! Risk of electric shock - do not open.* This warning warns against opening the receiver's casing. Only authorized service personnel are authorized to open the casing.
	The crossed-out wheelie bin symbol attached to the product indicates that the product is covered by European Directive 2012/19/EU. Information about separate collection points for used electrical and electronic products can be obtained from your local authority. Please follow your local government guidelines and do not dispose of these types of devices with your other household waste. Correct disposal of old products helps prevent environmental pollution and health hazards.
	This product contains batteries as defined in Directive 2006/66/EC, which cannot be disposed of with other household waste. Please check your local regulations regarding battery disposal, as correct disposal helps prevent environmental pollution and health hazards.
	This device is designed and manufactured with high-quality materials and components that are suitable for reuse.
CE	This marking indicates that the receiver complies with the provisions of Directive 2004/108/EC concerning the application by Member States of the rules on electromagnetic compatibility and with the provisions of Directive 2014/35/EU on the harmonisation of the laws of Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits.
RED	Ferguson Sp. z o.o. hereby declares that the device has been designed, tested and manufactured in accordance with the guidelines of the European Directive 2014/53/EU on radio equipment and telecommunications terminal equipment. The declaration of conformity can be found on the website at https://ferguson-digital.eu/deklaracje-zgodnosci/
	If a product displays this logo, it means that fees have been paid for the appropriate recycling and waste recovery system.

1. Network requirements

- Broadband connection to a wireless access point, router or similar network device.
- The network device must support the wireless standard (802.11 b/g/n).
- A computer, tablet, or smartphone with a network connection. All devices must be connected to the same network as the REGENT i450s.

2. Security

General

- Do not drop your REGENT i450s or expose it to liquids, fluids, or moisture. This may damage the device.
- If you move the device from a warm room to a cold one, or vice versa, wait at least 1 hour before plugging it in. Otherwise, problems may occur.
- Do not use the REGENT i450s in dusty environments. Dust can damage the electronics, causing malfunctions.
- Place the device in a horizontal position, on a flat, even and stable surface.
- Do not disassemble the REGENT i450s device as this will void the warranty.
- Unplug the device from the mains during lightning storms or when unused for extended periods. Please note that the warranty does not cover damage to the device caused by lightning.
- If the device is not in use for an extended period of time, unplug it. This will prevent the risk of fire.
- Do not cover the ventilation openings with items such as newspapers, tablecloths, curtains, etc.
- No open flame sources, such as lighted candles, should be placed on the apparatus.
- To maintain compliance with RF exposure requirements, position the device at least 20cm from all persons. This separation distance does not apply when operating the device's controls.

Charger

- Use only the power adapter included with the REGENT i450s.
- The power outlet should be installed near the REGENT i450s and should be easily accessible. Never touch the power cord with wet hands and never unplug it by pulling on the cord.
- Make sure the voltage specified by the REGENT i450s matches the voltage of your wall outlet. Incorrect voltage will damage the device.

Playing CDs (Compact discs)

- Only use Digital Audio CDs with this symbol:
- DO NOT USE THESE TYPES OF DISCS:
    - Mini (8cm) CDs. Use only full-size 12cm CDs. Mini CDs will jam the feed mechanism.
    - Discs with incomplete coatings. Discs with a large transparent section may not be read correctly.
    - Very thin or very flexible discs. They can jam the mechanism.
- Never write on a disc or put stickers on it. Keep discs in their proper case and under appropriate conditions.
- To remove dirt from the disc, wipe it with a soft, dirt-free cloth.
- Cleaning agents may damage the CD.
- Do not expose the discs to rain, moisture or high temperatures.
- This device is classified as a CLASS 1 LASER.

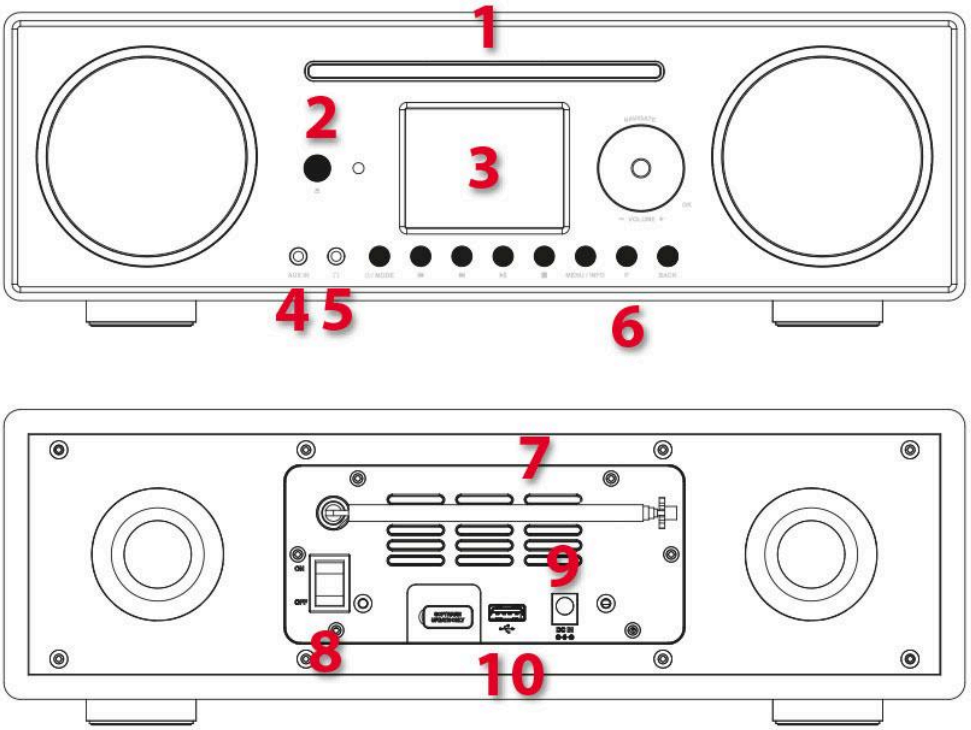
Risks associated with high volume

- When listening to the REGENT i450s through headphones, always reduce the volume before connecting the headphones. Once connected, increase the volume to your desired level.
- To prevent possible hearing damage, do not listen to loud music for long periods of time.

Maintenance / Cleaning

- Always disconnect the REGENT i450s from the power supply when cleaning.
- Do not use alcohol or liquids containing ammonia to clean the device. If necessary, wipe with a slightly damp cloth. Make sure to dry the device after cleaning.
- It is best to use the original packaging to transport the REGENT i450s radio.
- This device should be disposed of at an appropriate collection point; it should not be disposed of with household waste. For disposal, take it to a collection point for recycling electrical appliances. Consult your local representative or retailer for recycling advice.

3. Appearance and key features



1. **CD:**CD player
2. **IR receiver:**IR signal receiver from the remote control
3. **2.8” TFT Screen:** Screen
4. **TO:** 3.5mm jack dla AUX IN
5. **Earphone jack:**3.5mm headphone jack
6. **Buttons and knob:**Basic operations and functions
7. **DAB/FM antenna:**DAB/FM reception
8. **Switch:**Turns the radio on/off
9. **DC IN:**Power supply
10. **Port USB2.0:**Connect your USB or MP3 player to play

Remote control

Slide the battery compartment cover with your thumb and pull it out. Install 1.5V AAA batteries into the battery compartment, inserting them in the correct orientation.

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the manufacturer's instructions.

Symbol	Function
⏻	Power on/off the device; turn off the alarm
MODE	Open, close mode selection
MENU	Open, close menu
⏮	Hold to search backward
⏯	Start playback, pause
EQ	Select an equalizer setting
▲	Go up
◀	Go left
OK (SCAN)	Confirm
▶	Go right
▼	Scroll down
⏏	Slide out the CD tray
FOLDER DOWN	Go down the folder on the CD
FOLDER UP	Go up the folder on the CD
⏭	Hold to seek forward
■	Stop playing music
🔊+	Turn up the volume
🔊−	Turn down the volume
🔇	Mute, unmute
1 - 10/0	Number buttons: recall a saved favorite station
🔀 🔁	Play: Random and Repeat from List
💤	Turn off radio in 15/30/60/90/120/150/180 min
SNOOZE	Sleep
BT PAIR	Press and hold to disconnect Bluetooth

ALARM 1 ALARM 2	Alarm 1, alarm 2
DIMMER	Screen dimmer
◀◀ ▶▶	Next/Previous Track
BASS +/–	Increase/decrease bass
TREBLE +/–	Increase/decrease tones
★	Favorite
INFO	View additional information

4. First steps

The package contains:

- Radio REGENT i450s
- AC adapter
- 3.5mm audio jack cable on both ends
- User manual
- Pilot RCU451
- 2xAAA batteries

Connect the power adapter to the DC IN port on the back of the receiver. Then plug the device into a power outlet.

Prepare your network environment. For WiFi: Make sure your network is configured and you know the WEP, WPA, or WPA2 password to activate the connection. You can also use WPS (WiFi Protected Setup) for simple pairing between your network device and the REGENT i450s. Check that the network device's indicator lights indicate proper operation.

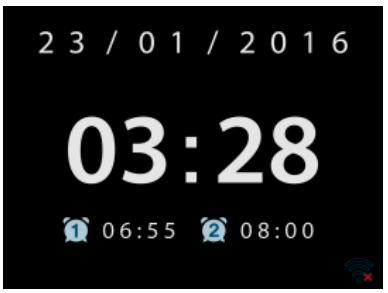
First time power on REGENT i450s

When you turn on the device for the first time, you'll first need to select a language. Turn the knob to select your desired language from the list and press the knob or "OK" on the remote control to confirm.

After selecting the language, the privacy policy information is displayed. Press "OK" to continue. The setup wizard will then appear to help you configure the device's main settings. The system will ask if you want to run the setup wizard. Select YES to continue setup. Details about the setup wizard can be found in section 5.2.1 below. If you select NO, the next window will ask if you want to run the setup wizard again the next time you turn on the device.

The REGENT i450s will automatically connect to the network that was set before reconnecting to internet radio. If you want to change the network, go to System Settings to configure the appropriate connection. See sections 5.2.1 and 5.2.3.

Press and hold ⏻/MODE the ⏻ button on the remote control to enter standby mode. The time, date, and any active alarms are displayed on the screen in this mode.



Turn the knob or use the buttons 🔈- / 🔈+ on the remote control to adjust the volume. You can mute the device by turning the knob 🔈- or with the MUTE button 🔇 on the remote control.

5. REGENT i450s Features

5.1 Main menu

From the main menu, you can select the following modes: Internet Radio, Spotify Connect, Media Player, DAB, FM, Bluetooth, CD, AUX IN, Sleep, and Alarm. Alternatively, select to access the main menu using the rotary knob, the buttons on the front panel, or the buttons on the remote control.

5.2 System settings

5.2.1 Configuration Wizard

- **Time/Date**
  - *Display format*

    Select 12 or 24 hour display format.
  - *Auto Update - Automatic update*

    The time and date can be set manually or automatically via DAB, FM or network.

    Auto-update works by sending data via DAB, FM, or the internet. The radio only downloads this data when it's in the selected mode, so it's best to choose the one you use most often.

    DAB and FM use time data sent by the station itself. Network mode uses signals sent by each connected local network.
  - *Time zone, DST – Time zone, Daylight saving time*

    Set your time zone. You can enable automatic summer/winter time changes.
  - *Manual update – Manual settings*

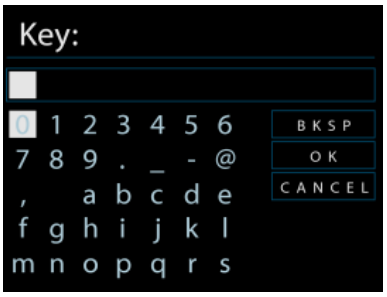
    If you set No update, the configurator will ask you to enter this data in the format: dd-mm-yyyy and hh:mm.
- **Network**
  - *Scanning for the network – Network Settings Wizard*

    REGENT i450s is compatible with all popular network protocols and encryption methods. It searches for available networks and displays them in a selection menu.

    You'll be prompted for your network type. If your network device supports WPS, it will say WPS before the SSID (network device name). Select the one you want to connect to.

    If you are connected wirelessly, you will be prompted to encrypt your input in the next step.

- *Standard encrypted network – Scanning encrypted networks*



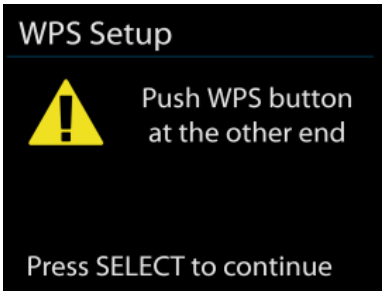
To enter the network key, use the knob or the buttons on the remote control. You can turn the knob to navigate and press to confirm.

- *WPS encrypted network – WPS function*

When searching for networks via REGENT i450s - WPS networks are displayed with the prefix WPS at the beginning of the name.

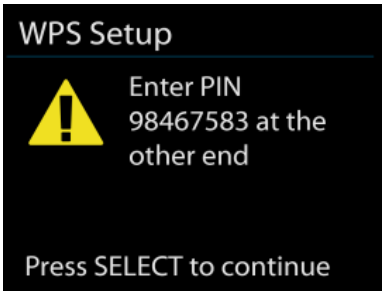
To connect:

  - *Push button – Press the button*



The REGENT i450s will prompt you to press the WPS button on your router. The connection will occur automatically.

  - *Pin*



REGENT i450s will generate an 8-digit code that must be entered into the router, access point or other device.

  - *Skip WPS – Pomiń WPS*

Click to skip connecting via WPS.

For more information about the WPS function, please refer to the instructions for the network equipment you are using.

- *Setup completed - Finished*

  REGENT i450s will notify you when you connect to a network.

  A screen will appear indicating a successful connection. If the connection fails, the REGENT i450s will return to the previous menu.

  Press the knob or OK (SCAN) on the remote control to complete the setup.

5.2.2 Equalizer

Multiple EQ presets are available: Normal, Flat, Jazz, Rock, Movie, Classic, Pop, and News. Custom settings are also available; you can create a personalized EQ profile.

5.2.3 Network

- *Network Wizard*

  Click to search for AP SSID, then enter the WEP/WPA key or select Push Button/Pin/Skip WPS to connect to the network.

- *PBC Wlan setup*

  Press Configuration to connect to the network using WPS.

- *View Settings - Show settings*

Information about the currently connected network: Active connection, MAC address, Wlan region, DHCP, SSID, IP address, Subnet mask, Gateway address, Primary DNS and Secondary DNS.

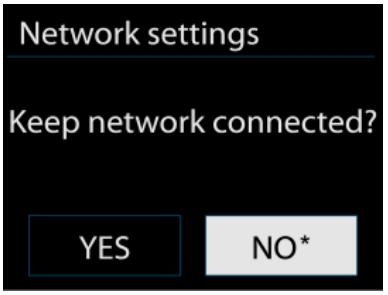
- *Manual settings*

  Select your wireless network and whether DHCP (Dynamic Host Configuration Protocol) should be enabled.

- *Network profile – Network profile*

  The REGENT i450s remembers the last four configured wireless networks and will automatically attempt to connect to them whenever it's in range. In this menu, you can view a list of saved networks. You can also delete unwanted network profiles here.

- *Keep network connected*



  If you select Keep network connected, WiFi will not disconnect even in standby mode.

5.2.4 Time/Date

Time settings: manual or automatic, time format, time zone, etc.

5.2.5 Language

The default language is English. You can change it to another available language from the list.

5.2.6 Factory reset - Factory settings

Restores the radio to factory settings.

5.2.7 Software update

Software updates are used to improve the radio's performance and fix bugs. In the REGENT i450s, you can check for updates manually or automatically (by default). If new software is available, you will be asked if you want to install it. If you accept, the software will be installed.

ATTENTION: Before updating, make sure your REGENT i450s is connected to a stable power source. Losing power during the update may damage the device.

5.2.8 Info - Information

Displays software version and radio ID.

5.2.9 Backlight

You can change the backlight (power on or standby) to High, Medium, or Low. Set the timeout duration for which the radio switches to standby mode when not in use.

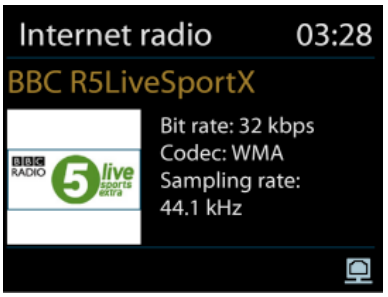
5.2.10 Privacy policy

Will display information regarding privacy policy.

5.3 Internet radio

The REGENT i450s can play thousands of radio stations from the Internet.

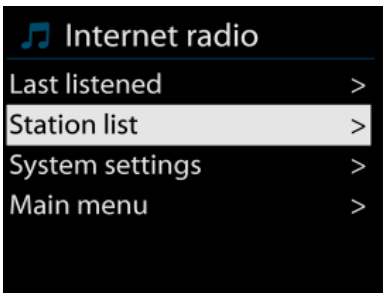
When you select Internet radio, the REGENT i450s connects directly to the Frontier Silicon Internet Radio portal (which is powered by v-tuner) to display a list of stations. The portal also supports favorites lists.



If you are already listening to the radio, you can press BACK the ◀ on the remote control to quickly return to the previous menu. Pressing MENU / INFO takes you to the main menu. Press ⏯ to pause, press again to play/resume.

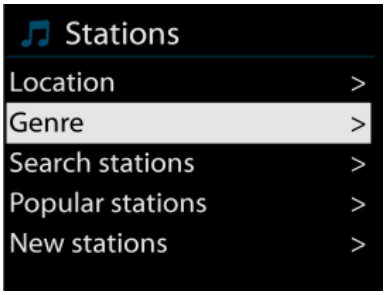
5.3.1 Last listened

When you restart internet radio, the last station you listened to will automatically play. To choose a different station, highlight it in the list and select OK.



5.3.2 Station list – List of radio stations

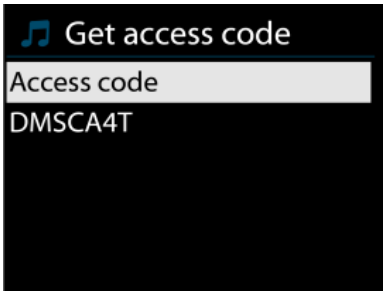
The list of radio stations is organized by category: Location, Genre, Popular, and New. You can also search for a station by entering its name.



5.3.3 Favorites

Favorite stations are saved on the internet radio portal and are available if the radio is logged in to the same account. The Favorites feature can be used after logging in to that portal.

To register your REGENT i450s, select Radio Station List > Help > Get access code to obtain your unique key. (Note: do not confuse the access code with the Radio ID in the system settings.)



Visit the website:*www.wifiradio-frontier.com*

If this is your first visit to this site, please create an account. This requires providing:

- access code,
- your email address,
- passwords,
- radio model.

If you already have an account and want to add a radio, log in to your account and select: My preferences > Add another WiFi radio.

Once you've registered your receiver, you can add favorites. To save stations to your favorites list, press and hold the knob or key. ENTER on the remote control until "Favourite added" is displayed. The station will appear in the default favourites list.

5.3.4 My added stations

Although the internet radio portal contains thousands of stations, you can listen to stations not listed. You can add your own through the portal.

5.3.5 Presets - Saved

Stored stations are stored on your local radio and cannot be played on other receivers.

To save Internet Radio, press and hold ★ until the message "radio saved" is displayed. Select one of the 10 items to save the currently playing station.

To select a previously saved station, press ★ then select it from the list. The selected station displays its number from the list ★ (★ 1, ★ 2 etc.) on the display.

1 do 10/0 on the remote control can also be used to select stations.

5.3.6 Now playing information – Information about the song/station being played

During playback, the service name is displayed. To view more information, press: . Each time you press, a different set of information is displayed.

5.4 Spotify Connect

Listen to music on your device using the Spotify app as a remote control.

Use your phone, tablet or computer as a remote control for Spotify.

Go to*www.spotify.com/connect*to find out how to do it.

The Spotify Software is subject to third party licenses found here:*http://www.spotify.com/connect/third-party-licenses*

5.5 USB

If you are already listening to the radio, you can press BACK the ◀ on the remote control to quickly return to the previous menu. Pressing MENU / INFO takes you to the main menu.

You can use ⏮ the ⏭ to play previous or next, press and hold to fast forward or rewind. Press ⏯ To play/pause, press ■ to stop playback and return to the song list.

5.5.1 USB playback - Playback from USB

In this feature, the menu is generated based on the folder structure on the USB drive. Browse the folders using the navigation knob and button. FOLDER DOWN / FOLDER UP or the directional keys on the remote control.

Once you find a song you're interested in, press the knob or "OK" on the remote. A short press starts playback.

The USB port is for file playback – it has no charging function. It only supports external storage devices with the FAT16/32 file system and MP3 files.

5.5.2 Repeat/ shuffle

You can repeat songs or play them randomly. Select the button. ⟲ on the remote control to turn the repeat function on/off. Press and hold the button ⤮ to turn the random function on/off.

5.5.3 Now playing information - Information about the song being played

While a song is playing, the screen displays the song name and artist. There's also a progress bar showing the elapsed time. At the bottom of the screen, an icon indicates the music source as USB. For more information, press MENU / INFO .

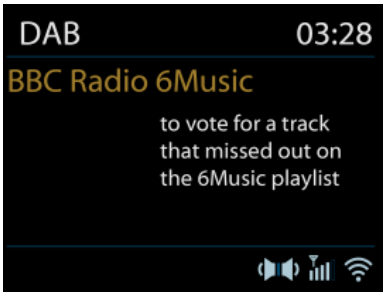
Every time you press a button MENU / INFO displays a different set of information in a cyclical manner: track/artist/progress bar/song duration/album/encoding rate/sampling rate/playback buffer and today's date. Album art from a music server is supported, while album art from USB is not.

5.6 Podcast

The device can play thousands of radio stations and podcasts from around the world using a broadband internet connection. When Podcasts mode is selected, the device directly connects to the Frontier Smart Technologies portal to obtain a list of stations or podcasts. The list menu is provided from the portal, so it is only available when the device is connected to the internet. Content and submenus may change from time to time. Select the desired category and search for a station or podcast to listen to.

5.7 DAB

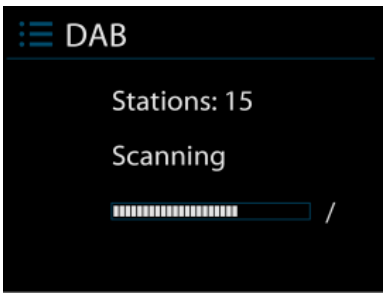
DAB mode receives DAB/DAB+ digital radio and displays station information.



5.7.1 Scanning Stations

When you first select DAB radio mode, or if the station list is empty, the REGENT i450s automatically performs a full scan to check what stations are available. You may need to manually start the scan to update the station list for one of the following reasons:

- Available stations change periodically.
- If the reception was not good for the original scan, this may result in empty or incomplete lists of available stations.
- If you have poor reception of some stations (noise), you can only select stations with good signal strength.



Once the scan is complete, the radio will display a list of available stations. To remove stations that are listed but not available, select "Trim invalid." Turn the navigation knob to display the station list and press to select. Once a station is selected, the screen plays and information about the station, track, or show is displayed.

5.7.2 Presets

To save DAB Radio, press and hold ★ until the message "radio saved" is displayed. Select one of the 10 items to save the currently playing station.

To select a previously saved station, press ★ then select it from the list. The selected station displays its number from the list ★ (★1, ★2 etc.) on the display. 1 do 10/0 on the remote control can also be used to select stations.

5.7.3 Information playback

During playback, the screen displays the name and DLS (Dynamic Label Segment) broadcast by the station, providing real-time information such as the program name, song title, and contact information. Stereo programs are indicated by an icon at the top of the screen. For more information, press MENU / INFO .

Every time you press the button MENU / INFO a different set of information is displayed cyclically via DLS text, program type/name/band frequency/signal strength/error/game speed/encoder/channel/current date.

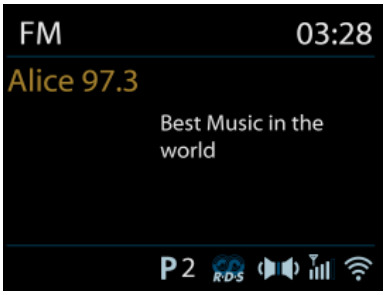
5.7.4 Settings

- *Dynamic Range Compression (DRC)*

  If you're listening to music with a high dynamic range in a noisy environment, you can try adjusting the dynamic range. This makes soft sounds louder and loud sounds softer. You can adjust the DRC settings to off, low, or high.

5.8 FM

FM radio mode receives analog radio from the FM band and displays RDS (Radio Data System) station information if available.



To find a station, press the rotary knob or OK (SCAN) on the remote control. The frequency display begins to light up as the REGENT i450s scans the FM band. Alternatively, you can scan up or down by pressing and holding the buttons, or tune manually by quickly pressing or turning the rotary knob.

5.8.1 Presets

To save FM Radio, press and hold ★ until the message "radio saved" is displayed. Select one of the 10 items to save the currently playing station.

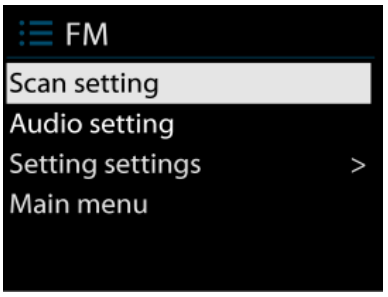
To select a previously saved station, press ★ then select it from the list. The selected station displays its number from the list ★ (★1, ★2 etc.) on the display. 1 do 10/0 on the remote control can also be used to select stations.

5.8.2 Information playback

When an FM channel is playing, the screen displays its frequency or, if RDS information is available, the station name and other RDS information such as the program name, song title and contact details. If no information is available, only the frequency will be displayed. Stereo programs are indicated by an icon at the top of the screen. To view further information about the broadcast, press MENU / INFO .

Every time you press a button MENU / INFO displays a different set of information, cyclically through RDS text, further RDS text (station/program type), frequency and current date.

5.8.3 Settings



- *Scan settings – Scan settings*

  By default, the FM scan stops at every available station. This can result in poor signal-to-noise ratios from weak stations. To change the scan settings to stop only at stations with good signal strength, select YES for "Strong Stations Only."

- *Audio settings – Audio settings*

  All stereo stations are played in stereo. For weak stations, this can cause a poor signal-to-noise ratio (noise). To play a weak station in mono, select Poor FM reception: Listen in mono, and then press YES.

5.9 Bluetooth

In Bluetooth mode, the REGENT i450s enters pairing mode automatically. You can turn on Bluetooth on your compatible device and search for the REGENT i450s radio to connect. While the REGENT i450s is waiting for pairing, the Bluetooth icon will flash at the bottom of the screen. If the connection is successful, you will hear a short beep and the Bluetooth icon will stop flashing.

Control music playback from your Bluetooth device. To unpair from the REGENT i450s, press and hold MENU / INFO and then select BT disconnect or press and hold BT PAIR to unpair Bluetooth.

5.10 CD

The REGENT i450s can play CD-DA formatted CD-R/CD-RW discs that have been finalized* after recording. CD-R/CD-RW discs may not be playable due to poor recording methods and/or wide variations in CD-R/CD-RW quality.

* Finalizing allows CD-R/CD-RW discs to be played on audio players.

Press the CD tray eject button (on the remote control or the front panel). Place a disc with the printed side up in the CD tray. Push the disc tray in, and the disc will load automatically. The unit will check the CD type and load its track list. The display will show "Loading," followed by "Reading."

5.10.1 Playback

Use ⏮ the ⏭ to play the previous or next song, press and hold to fast forward or rewind.

Press ⏯ to pause the song. Press again to continue.

Press ■ to pause the track. To eject the CD, press ⏏ For You can press a number button to go to the selected song.

5.10.2 Repeat/Shuffle

Press the button 🔁 on the remote control to switch between normal playback, repeat one track, repeat all in the list (and repeat folder for MP3/WMA CD files).

Press and hold the button 🔀 to turn on/off the random play function.

5.10.4 CD Track Programming

Pause playback if a song is currently playing. Press ★ to start programming. Set the first track: use ⏭ the ⏮ to search for a track. Press the rotary knob or OK (SCAN) to confirm and set the next programming track. Repeat the above steps for each track.

Once you have finished programming, press ★ . Press ⏯ to start playing the programmed tracks.

5.10.5 MP3/ WMA CD

The REGENT i450s can play CD-R and CD-RW discs containing MP3 and WMA files. This section assumes the file is compatible with the CD track.

The playback controls are the same as those shown in sections 5.10.1 to 5.10.4. In addition, the REGENT i450s allows you to skip a folder by pressing the button FOLDER UP the FOLDER DOWN on the remote control. The first file of the next or previous folder will be played.

Comments:

An MP3/WMA CD cannot contain more than 512 files and no more than 99 folders. MP3 and WMA files should be created at an audio sampling rate of 44.1 kHz (this is normal for files created from audio CD content).

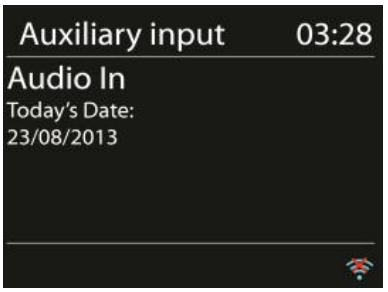
MP3 and WMA bitrates up to 320 kbit/s (kilobits per second) are supported. WMA LossLess files are not supported. The device will not play files with DRM (Digital Rights Management) protection.

When burning CD-R and CD-RW discs containing audio files, various problems can occur that can affect playback. Typically, such problems are caused by poor CD recording, audio encoding software, hardware settings in the computer's CD burner, or the CDs being used. If such problems occur, contact the customer service of your CD manufacturer, software manufacturer, or refer to the product documentation for information. When burning audio CDs, be careful to follow all legal guidelines and ensure that you do not infringe on third-party copyrights.

5.11 AUX IN

AUX IN plays audio from an external source, such as an MP3 player. To play audio with AUX IN mode:

- Reduce the volume on both the REGENT i450s and (if possible) the audio source device.
- Connect an external audio source to the AUX IN socket.
- Press ⏻/MODE the MODE on the remote control, then go to AUX IN and press the rotary knob or OK (SCAN) on the remote control.
- Adjust the volume on your REGENT i450s (and, if necessary, your audio source device) to your preference.

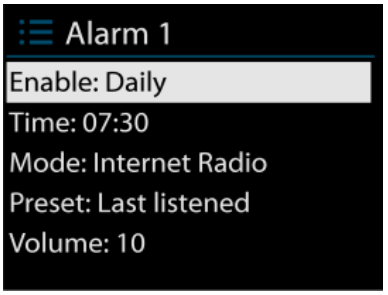


5.12 Sleep

To set the timer, select Sleep in the main menu. Choose from OFF, 15 MIN, 30 MIN, 45 MIN, or 60 MIN. After selecting the sleep period, the system returns to the main menu. Press and hold MENU / INFO to return to the playback screen.

5.13 Alarm

There are two versatile alarm clocks with a snooze function and a sleep function to turn off the system after a preset time. Each alarm can be set to your preferred mode.



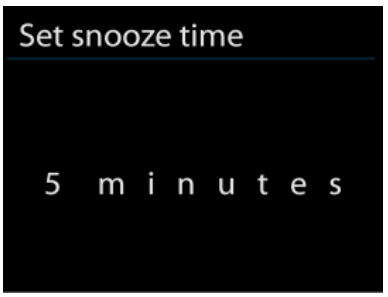
Select Alarms from the main menu to set or change an alarm. Select the alarm number (1 or 2), then configure the following parameters:

- Enable: turn on/off,
- Frequency: daily, once, on weekends or weekdays,
- Time: hh:mm,
- Mode: buzzer, internet radio, DAB or FM,
- Programmed: recently listened, programmed 1-10 in the list,
- Volume: 4-32.

To activate the new settings, scroll down and select "Save." Active alarms will be displayed on the screen with an icon in the lower left corner.

The alarm will sound at the set time. To temporarily silence it, press any key on the device or on the remote control except ⏻ /MODE the ⏻ .

You can change the snooze period. The radio then returns to standby for a user-specified period, with the alarm silence icon flashing.



Press and hold ⏻/MODE the ⏻ on the remote control to turn off the alarm.

5.14 Additional Features

5.14.1 Headphone jack

The REGENT i450s comes with a headphone jack that allows you to enjoy music in various environments, such as noisy environments or areas where you need to stay quiet.

It's recommended to turn down the volume before putting on your headphones. Once the headphones are properly positioned, increase the volume to your desired level.

5.14.2 OKTIV Application

The device can be remotely controlled over the network using an iOS or Android smartphone or tablet. By downloading the dedicated OKTIV app, you can view all the device's operating modes.

Search for OKTIV on Google Play or the Apple Store and install it on your smartphone or tablet.

For Android (Google Play)

For iOS (Apple Store)

Before using the OKTIV app, ensure your device and smartphone/tablet are on the same Wi-Fi network. Launch the app. The app will initialize and scan for internet radio stations on the network. Tap the device to connect.

NOTE: Please note that if another smartphone/tablet running the app on the same network accesses the device, the initial connection will be interrupted.

6. Troubleshooting

Mistake	**Solution**
The radio doesn't turn on	Check if the power cable is connected correctly.
No sound	1. Turn off Mute mode - the radio may be muted 2. Turn up the volume 3. Remove the headphones from the jack
Cannot connect to the network	1. Check if the network is working at all 2. Try setting an IP address on the device 3. Enable DHCP on your router and try connecting again 4. Check if the firewall is blocking the device 5. Reset your router
Cannot connect to WiFi	1. Check WiFi availability 2. Place the device closer to the router 3. Make sure the password is correct
No stations found	1. Check network status and firewall settings 2. The station may be temporarily unavailable 3. The station has changed or the station is no longer broadcasting 4. The link to the station was entered incorrectly
FM interference	1. Check/Move FM Antenna 2. Move the radio
No stations/DAB interference	1.Move Radio 2. Scan stations (high-strength) 3. Check DAB coverage
The alarm doesn't work	1. Turn on the alarm 2. Due to the volume setting, see solutions "No sound" 3. The alarm source was a station, but there is no network connection. Change the alarm source or configure the connection.
USB or MP3 drive not detected	1. Check if it is connected correctly 2. Some USB drives require an additional power supply 3. Not all MP3 players are supported
All other cases	REGENT i450s may be processing too much data, which may cause it to malfunction. If necessary, restart REGENT i450s
	The normal operation of the product may be affected by strong electromagnetic interference. If this occurs, simply reset the device to resume normal operation. If operation cannot be resumed, use the product in a different location.
	The device may not function properly in areas with strong interference. The device will function properly again when there is no more interference.

7. Specifications

REGENT i450s	
Description	Internet Radio with FM/ DAB+/ BT/ CD player/ USB/ AUX IN/ Spotify/ Undok
Display	2.8", 320 x 240, TFT colour display
Network	IEEE 802.11b/g/n wireless (WiFi) Bluetooth (BT 4.2, Supports A2DP, AVRCP profiles)
Frequency band	WiFi: 2.400 - 2.4835 GHz Bluetooth: 2.4GHz - 2.48 GHz
Maximum transmitted signal power	WiFi: <20dBm Bluetooth: <4dBm
Encryption standard	WEP, WPA, WPA2 (PSK), WPS
Supported playback formats (USB)	MP3
CD player	Supports CD-ROM, CD-R, CD-RW
Supported playback formats (CD)	CD-DA, MP3, WMA (up to 48kHz, 384kbps)
DAB/DAB+	Band III (174.928 – 239.200 MHz)
FM	87.5 – 108.0 MHz, support RDS
Charger	Power Adaptor, 15V 2400mA
Remote control	2 x 1.5V AAA battery
Power consumption in standby mode	<0.8W
Power consumption in standby mode (connected to the network)	<2.0W
Operating temperature	0°C - 35°C
Speaker output power	2 x 15W RMS
Connections	3.5mm headphone socket USB port (for playback only, no charging function) 3.5mm aux in socket, stereo DC IN power supply socket
Dimensions	350 mm(L) x 105 mm(H) x 250 mm(D)
Libra	3.485 kg

CHARGER	
Producer	Dongguan Green Power One Co., Ltd
Type	GA361-1502400E
Entry	100 – 240V AC, 50/60 Hz
Exit	15.0V ⎓ 2.4A, 36.0W ⊖-◉-⊕
Safety class	II

Use only the original AC adapter!

Only use the power supply specified in the user manual!

Specifications are subject to change without notice.

8. Compatibility

This device has been approved for compliance with the essential and other essential requirements of the RED Directive 2014/53/EU, the ErP Directive 2009/125/EC and the RoHS Directive 2011/65/EU.

Simplified declaration of conformity

Importer: Ferguson Sp. z o.o., ul. Dworska 1, 61-619 Poznań

Name: Ferguson Regent i450s

Device type: Internet radio

The above-mentioned product complies with Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC.

The full Declaration of Conformity can be downloaded from the website:
https://ferguson-digital.eu/deklaracje-zgodnosci/