



Internet Radio

FERGUSON REGENT i200s

Spotify Connect, Internet,
DAB+/FM, Bluetooth, USB

Version 1.0

Contents

- 1 Introduction**
- 2 Package contents**
- 3 Disposal**
- 4 Safety**
- 5 Overview**
- 6 Getting Started**
 - 6.1 Connection and Preparation
 - 6.2 General Device Functions
 - 6.3 First-time Setup
- 7 Menu Operation**
 - 7.1 Internet Radio, Podcasts
 - 7.2 Spotify
 - 7.3 USB
 - 7.4 DAB+ Radio
 - 7.5 FM Radio
 - 7.6 Bluetooth
 - 7.7 AUX IN
 - 7.8 Sleep
 - 7.9 Alarm
 - 7.10 OKTIV
- 8 System settings**
 - 8.1 Equaliser
 - 8.2 Network
 - 8.3 Time/Date
 - 8.4 Language
 - 8.5 Factory reset
 - 8.6 Software update
 - 8.7 Setup Wizard
 - 8.8 Info

8.9 Backlight

9 Troubleshooting

10 Technical Specification

11 Conformity

1 Introduction

Thank you very much for buying the smart radio. In order to let you freely operate the product and fully enjoy the overbalancing happiness it brings you, we have introduced each function of the player in detail in this user manual. Please carefully read this user manual before use and keep for future reference.

If you pass the smart radio on to someone else, make sure to give them all the relevant documents with it.

2 Package contents

The items enclosed in the packaging box are as follows:

Internet Radio Ferguson Regent i200s

Remote Control

Power adaptor

Audio cable

User manual

3 Disposal

- If have to dispose the device in the future, note that all electrical and electronic device must be disposed of separately from household waste at official disposal centers.
- Avoid damage to the environment and risks to your personal health by disposing of device properly.
- For further information about proper disposal, contact your local government, disposal bodies or the shop where you bought the device.
- Dispose of all packaging in an environmentally -friendly manner.
- Cardboard packaging can be taken to paper recycling containers or public collection points for recycling.
- Any film or plastic contained in the packaging should be taken to your public collection points for disposal.
- Respect the environment. Old batteries must not be disposed of with domestic



waste. They must be handed in at a collection point for waste batteries. Please note that batteries must be disposed of fully discharged at appropriate collection points for old batteries. If disposing of batteries which are not fully discharged, take precautions to prevent short circuits.

4 Safety

General

- Do not drop the device and do not expose it to liquid, moisture or humidity. These might lead to damage to the device.
- If the device is moved from a cold environment into a warmer one, do let it adapt to the new temperature before operate the device. Otherwise, it might lead to condensation and cause malfunctions in the device.
- Do not use the device in the dust environment as dust can damage the interior electronic components and lead to malfunctions in the device.
- Protect the device from strong vibrations and place it on stable surfaces.
- Do not attempt to disassembly the device.
- If the device is not using for a long period of time, disconnect it from the power supply by unplugging the power plug. This is to avoid the risk of fire.
- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- To maintain the compliance with the WiFi RF exposure requirement, place the product at least 20 cm (8 inches) from nearby persons except when operating the controls.

Power adapter

- Only use the power adaptor delivered with the device.
- The socket outlet should be installed near the device and should be easily accessible.



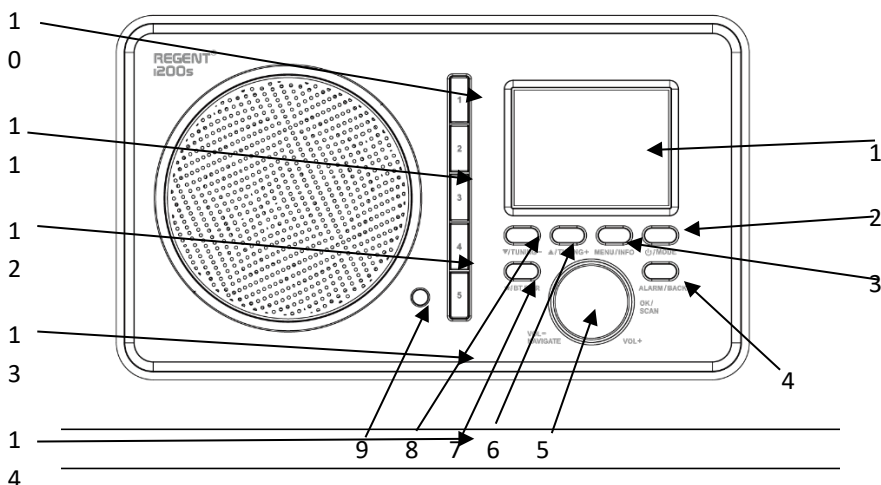
- Never touch the power plug with wet hands and never pull on the power cable when pulling the plug out of the power socket.
- Make sure the electrical voltage specified on the device and its power plug is corresponding to the voltage of the power socket. Incorrect voltage will destroy the device.

Maintenance / Cleaning

- Always power off the unit when cleaning it.
- Never use any harsh or strong solvents to clean the device since these may damage the surface of the device. Dry, soft cloth is appropriate, however, if the device is extremely dirty, it may be wiped off with a slightly moist cloth. Make sure the device is dried off after cleaning.
- When you are necessary to ship the device, store it in its original package. Save the package for this purpose.

5 Overview

Main Unit: Front



1 2.4" TFT color display

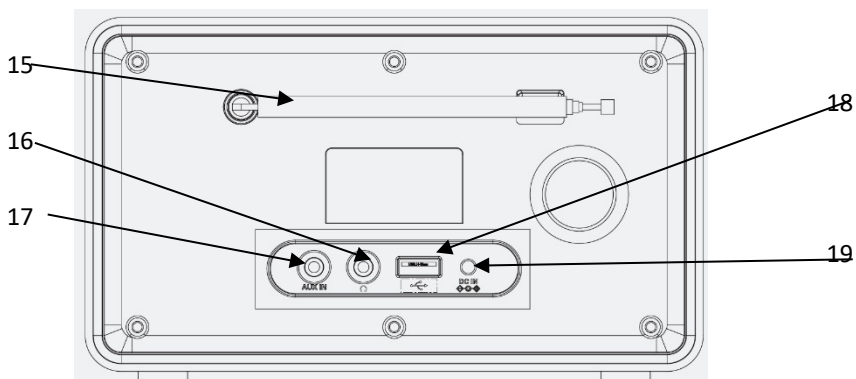
2 Button : /MODE

3 Button : MENU/INFO

4 Button : ALARM/BACK

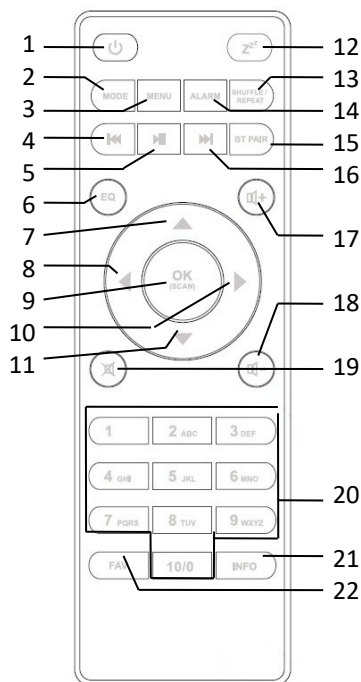
- 5 Knob : NAVIGATE / VOLUME+-; Press to OK/SCAN
- 6 Button: ▲ /TUNNING+
- 7 Button : ★ /BT PAIR
- 8 Button : ▼ /TUNNING-
- 9 IR receiver
- 10-14 Button : PRESET 1-5

Main Unit: Back



- 15 FM/DAB+ Antenna
- 16 Earphone out socket
- 17 AUX IN socket
- 18 USB Port
- 19 DC IN socket

Remote Control



1		Device power on/off; alarm off
2	MODE	Open, close mode selection
3	MENU	Press to open, close menu
4		Select track, hold down to seek
5		Start playback, pause
6	EQ	Select equalizer preset
7		Move up; FM: Set frequency
8		Move left, step back
9	OK (SCAN)	Confirm entry; FM: Scan; Playing: album in full screen
10		Move right, step next
11		Move down; FM: Set frequency
12		Sleep setting
13	SHUFFLE / REPEAT	Music: random and repeat selection
14	ALARM	Alarm setting
15	BT PAIR	Press and hold to BT discoverable under BT mode
16		Select track
17		Increase volume
18		Decrease volume
19		Mute, unmute
20	1-10/0	Number buttons: retrieve saved favorite station, hold down to save station
21	INFO	Display FM mode info (Name, PTY, RT, frequency) Display DAB mode info (Station, track, artist etc.)
22		Select favorite stations ;

6 Getting Started

6.1 Connection and Preparation

Connect the power adaptor to the back of device and plug it into power socket, it starts up.

Pull out the rod DAB/FM antenna for DAB and FM reception.

Connecting to the network

- A broadband connection in combination with a wireless access point, router or similar network device.
- The network device needs to support WiFi (802.11 b/g/n) wireless connection. Make sure you have setup the wireless network and you have the WEP, WPA or WPA2 security password to activate the connection. You may also use the WPS (WiFi Protected Setup) function for easy pairing between the network device and REGENT i200s. Check if the light indicators on the network device are in appropriate status.

6.2 General Device Functions

Under the playing screen, rotate the volume knob or press / on the remote control to adjust the volume. Switch off the sound by pressing on the remote control.

Press / **MODE** on the device or **MODE** on the remote control to select modes.

Press and hold **MENU/INFO** on the device or **MENU** on the remote control to open the menu. Press again to close the menu and return to playing screen.

On the menu, rotate the knob Navigate or press / on the remote control to move along the entries.

Press **OK** to confirm; press **ALARM/BACK** on the device or on the remote control to step back.

Press and hold / **MODE** on the device or press on the remote control to switch to standby mode. The time, date and any active alarm times display on the screen. Switch on with the same button.



When album cover is displayed on the playing screen, press **OK** to view the full screen size of the picture. (This feature may need software update, contact us if required.)

Presets

Presets are stored in the radio and cannot be accessed from other radios.

To store an Internet radio preset, press and hold / **BT PAIR** on the device or / **BT PAIR** on the remote control the display shows the Save preset screen. Select one of the 10 presets to save the currently playing station.

Shortcut to preset store 1-10 favorite stations by directly pressing and hold numbers **1-10/0** directly on the remote control.

To select a preset, press  **/BT PAIR** on the device or  **/BT PAIR** on the remote control, then select one of the listed preset stations. When a preset station is playing, it shows ***n** (*1, *2 etc.) at the bottom of the screen. Shortcut to preset recall 1-10 favorite stations by directly pressing numbers **1-10/0** directly on the remote control.

TIPS

- ✂ With a total of 40 station presets per source (Internet Radio, DAB+, FM, Podcast) and 5 quick access buttons on device, you can easily find your favorite station.
- ✂ The **Preset 1-5 buttons** on device can store and recall 1-5 favorite stations faster. Press and hold the Preset 1-5 buttons to store during Internet Radio, DAB+, FM and Podcast playback; and press the Preset 1-5 buttons to recall the stored station.

Now playing information

While stream/DAB/FM is playing, the screen shows some information about the station, press **MENU/INFO** on the device or **INFO** on the remote control to view.


The device may process large amount of data after a period of operation, no matter in which mode, it will cause the system freeze or malfunction.


Reboot the device if necessary.

6.3 First-time Setup

When powering the device on for the first time, first you need to set language.

Selecting the menu language

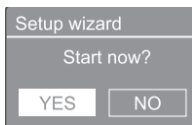
Rotate the knob to select the menu language you want from the list and press the knob or  on the remote to confirm.

After language be chosen, it displays information of privacy policy. Press  to continue. Then a setup wizard appears for helping you setup the main use of the device.

Select "YES" and confirm your will launch the setup wizard.

If you select "NO", the next window will ask you choose if you want to start the setup wizard again next time you power the device on.

Setup wizard helps you setup the main use of the device.



Setting date and time - Select “12” for 12-hour display format or “24” for 24-hour display format. If you select the 12-hour format, the display shows “AM” in the morning or “PM” in the afternoon after the time.

After this, the following options are available, to define if the time to be synchronized from radios: Update from DAB, Update from FM, Update from Network or No update. If you choose “Update from Network” you must indicate your time zone in the next window.

Next for Daylight savings, choose “ON” for summer time, otherwise select “OFF”.


If you choose “No update”, you will have to enter the date and time manually. “AM”/ “PM” displays only if you have chosen the 12-hour time format. Select “AM” for the morning hours or “PM” for the afternoon hours.

Setting network

Firstly the device asks if keep network connected. If you want to control the device in all operating modes via the app, select “YES”. If choosing “NO”, it is not possible to control the device from the app in the (Standby, AUX IN, FM, DAB) operating modes. Note that the power consumption in standby mode will be higher when the network connection is kept up.

Any WLAN networks found are listed on the display, along with their names.

After selecting the network, you will be asked for choose one of the following methods of connection:

- o **Push button:** The device prompts you to press the connect button on the router. It then scans for a ready Push Button Connect network and connects.
- o **Pin:** The device generates an 8-digit code number which you enter into the wireless router, access point, or an external registrar.
- o **Skip WPS:** Enter key as for a standard encrypted network. To enter the network’s key, use the reel or direction keys on the remote control to move the cursor through the characters and press  to confirm. As each character is selected, the key is built up near the top of the display.

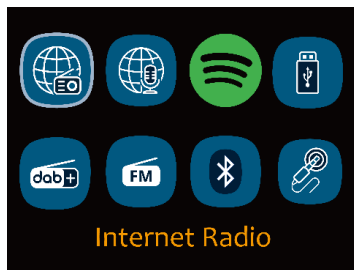
There are three options accessible by tuning the navigate reel back before the first characters – Backspace, OK and Cancel.

For more information on setting up a WPS encrypted network, see your WPS router’s instructions.

Device attempts to connect to the selected network.

It will show connected if the setup is successful. If connecting fails, it returns to a previous screen to try again. Once completed, press **OK** (SCAN) to quit the setup wizard.

7 Menu Operation



7.1 Internet Radio, Podcasts

Device can play thousands of radio stations and podcasts from around the world through a broadband Internet connection. When you select Internet radio or Podcasts mode, the device directly contacts the Frontier Smart Technologies portal to get a list of stations or podcasts. The list menu is provided from the portal, so it is only accessible when the device is connected to the Internet. The contents and submenus may change from time to time.

Choose required category and search the station or podcast to listen.



Now Playing Information

While the stream is playing, the screen shows its name and description. To view further information, press INFO.

Each time you press INFO, another set of information is displayed, cycle through name/description, genre/location, reliability, codec/sampling rate, playback buffer and today's date.

Press OK to view the station album in full screen.

Presets – 40 presets available, see section 6 (Presets).

Station suggestion - if you cannot find the station from the station list, you may submit a

ticket for adding new station or podcasts via the link
<https://www.airablenow.com/contact/content/>

If the submitted link of station/podcasts is supported, the portal service provider will add it to the station list. Otherwise, they may get back to you by email.

Station list

Browse Internet broadcasts that organized into different categories, Location, Genre, Popular and New. You can also find the station with Search by keyword.

7.2 Spotify Connect

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:

<http://www.spotify.com/connect/third-party-licenses>

7.3 USB

USB mode plays audio from the USB device after plugging into the USB port. Menus are generated from the folders on the USB device. Browse folders with the navigate reel, back button, shuffle/repeat, or direction keys on the remote control. The display shows folder and file names (not necessarily track names). Once you have found a track you want to play, press **OK** to play.

It can be added to "My playlist, press and hold **OK** when the track is playing.

You can use or to play the previous or next track, press and hold to rewind or fast forward. press and hold to rewind or fast forward (x1, x2, x4). Press on the remote control to play or pause. Press on the remote control to stop playback and return to the music list.

Notice:

- USB port does not support charging.
- Only support MP3 format Audio file.

7.4 DAB+ Radio

DAB mode receives DAB/DAB+ digital radio and displays information about the station, stream and track playing.

Scanning for stations

The first time you select DAB radio mode, or if the station list is empty, the radio automatically performs a full scan to see what stations are available. You may also need to start a scan manually to update the list of stations.

To start a scan manually, choose Full scan. To scan only stations with good signal strength, select Local scan. Once the scan is complete, the radio shows a list of available stations.





To remove stations that are listed but not available, choose Prune invalid. Turn the navigate reel to view a list of stations and press to select. Once selected, the station plays and the screen shows information about station, track or show as broadcast.

Settings

- **Dynamic range compression (DRC):** If you are listening to music with a high dynamic range in a noisy environment, you may wish to compress the audio dynamic range. This makes quiet sounds louder, and loud sounds quieter. You can change DRC as off, low or high.

7.5 FM Radio

FM radio mode receives analogue radio from the FM band and displays RDS (Radio Data System) information about the station and where broadcast.




To find a station, press **OK**. The frequency display starts to run up as the device scans the FM band. Alternatively, you can scan up or down by pressing and holding  /TUNING+ or  /TUNING- on the device or  /  on the remote control tune manually with quick presses, or by turning the reel.



Settings

- **Scan settings :** By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations. To change the scan settings to stop only at stations with good signal strength, select Yes after choosing Strong station only?
- **Audio settings:** All stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss). To play weak stations in mono, select FM weak reception: Listen in mono only and then YES.

7.6 Bluetooth

In Bluetooth mode, you can turn on the Bluetooth of your Bluetooth device. Go to the menu and turn Bluetooth discoverable. From your Bluetooth device, search the radio **REGENT i200s** to pairing. When it is waiting for pairing, there is a blinking Bluetooth icon at the bottom. If the pairing is successful, the Bluetooth icon becomes steady. Control the music playback from your Bluetooth device.

Control the music playback from your Bluetooth device. Press  /  on the remote control to go back the forward track or go to the next track. Press  to play or pause the track.

To disconnect from the radio, press and hold  /BT PAIR on the device or  /BT PAIR on the remote control.


7.7 Aux in

AUX in mode plays audio from an external source.

Turn the volume low on both the radio and, if adjustable, the audio source device.


Enter AUX mode, then adjust the volume as required.

7.8 Sleep



To set the sleep timer, select Sleep under Main menu. Or press  on the remote control to set. Choose from Sleep OFF, 15, 30, 45, 60, 90 or 120 minutes and confirm. Once you select a sleep period, the system returns to the now playing screen.



7.9 Alarm

There are two versatile wake-up alarms with snooze facility. Each alarm can be set to start in a particular mode.

Select Alarms under Main menu to set or change an alarm. Alternately, press  on the remote control to configure.

After setup all the parameters, select Save to activate. The screen shows active alarms with an icon at the bottom left.

At the set time, the alarm will sound. To temporarily silence, press any key excepted pressing  /MODE or ALARM/BACK on the device or pressing  or ALARM on the remote control. You can change the snooze period. The radio returns to standby for the set period, with the silenced alarm icon flashing.

Press  /MODE or ALARM/BACK on the device or press  or ALARM on the remote control to turn off the alarm.

7.5 OKTIV

The device gives a feature of network remote by smartphone or tablet in iOS or Android system. By downloading the assigned app named OKTIV, you can view all the modes the device.

Search OKTIV from Google Play or Apple Store, and install it to your smartphone or tablet.



For Android system (Google Play)



For iOS system (Apple Store)

Before using the OKTIV app, make sure the device and the smartphone/tablet are in the same WiFi network.

Launch the app. The app initializes and scans for Internet Radio in the network. Tap the device to make the connection.

NOTE: Be aware that if another smartphone/tablet with the app in the same network have access with the device, the original connection will be cut off.

8 System settings

8.1 Equalizer

Several preset EQ modes are available: Normal, Flat, Jazz, Rock, Movie, Classic, Pop, News and My EQ. Press **EQ** to select.

A user-defined setting is available; create your own EQ with custom bass, treble settings.

8.2 Network

Network wizard: Enter to search AP SSID, then input the WEP / WPA key or choose Push Button/Pin/Skip WPS to connect to the wireless network.

PBC Wlan setup: Push Button Configuration, it is to connect the AP that supports WPS (Wi-Fi Protected Setup).

View settings: View the information of current connected network: Active connection, MAC address, Wlan region, DHCP, SSID, IP address, Subnet mask, Gateway address, Primary DNS and Secondary DNS.

Manual settings: Enable or disable DHCP (Dynamic Host Configuration Protocol). Input the SSID, WEP / WPA key and/or other configuration.

Network profile: The device remembers the last four wireless networks it has connected to, and automatically tries to connect to whichever one of them it can find.

From here you can see the list of registered networks. You can delete unwanted networks.

Clear network settings: Select "YES" to clear all the current network settings. Select

“NO” to cancel.

Keep network connected: If you choose to keep network connected, the WiFi will not disconnect even you are in standby mode or non-network mode. This option allows the device to be ready for OKTIV and Spotify Connect connection in any modes.

8.3 Time/Date

Set the time manually or auto update, time format, time zone and daylight.

Details can be referred to Setting date and time under Section 6.3 First-time setup

8.4 Language

The default language is English. Change it as your preference. Available languages:

English, Dansk, Deutsch, Español, Français, Italiano, Nederlands, Norsk, Polski, Português, Suomi, Svenska, Türkçe, Czech, Slovak.

8.5 Factory Reset

Resetting all user settings to default values, so that time and date, network configuration and presets are lost. However, current software version of the radio is maintained.

8.6 Software Update

Auto-check setting: This option automatically checks for new updates from time to time. Automatic updating is enabled by default.

Check now: Search for available updates immediately.

You will be asked if you want to go ahead with download and installation of an update.

After a software upgrade, all user settings are maintained.

NOTE: Before starting a software upgrade, ensure that the radio is plugged into a stable main power connection. Disconnecting power during an upgrade may permanently damage the unit.

8.7 Setup Wizard

With this function, you can start the setup wizard at any time. Any parameters or stations entered already are not deleted. For more information, please read the Section 6.3 First-time setup.

8.8 Info

View the firmware version and the radio ID.

8.9 Backlight

You may change the backlight of each environment (power on level or standby) to High, Medium, Low or Auto. And adjust the timeout duration which the radio turns to standby backlight level when it has not been controlled.

9 Troubleshooting

Error	Remedy
The device does not switch on.	Check if the power adaptor is connected properly.
No sound.	<ol style="list-style-type: none">1. Turn on the sound as it may be muted2. Increase the volume.3. Pull any connected headphone or speaker from the connector jack.
No network connection can be established.	<ol style="list-style-type: none">1. Check the WLAN function.2. Try to set an IP address at the device.3. Activate the DHCP function on the router and make the connection again at the device.4. A firewall is activated on the network – set the respective program in such a way that access is possible.5. Reboot the router
WiFi connection cannot be established.	<ol style="list-style-type: none">1. Check the availability of WLAN network on the router.2. Place the device closer to the router.3. Make sure the password is correct.
No station is found.	<ol style="list-style-type: none">1. Check the network as well as the access point and firewall.2. The station may not be available currently, try again later.3. The link of the station is changed or the station no longer transmits – ask the provider for information.4. The link of manual added station may not be correct, check and change it.
Hiss in FM mode	<ol style="list-style-type: none">1. Check/move the FM antenna.2. Move the radio.

No stations available / bubbling / intermittent in DAB mode.	<ol style="list-style-type: none"> 1. Move the radio. 2. Rescan local stations only (high-strength). 3. Check the local DAB coverage.
Alarm does not work.	<ol style="list-style-type: none"> 1. Switch on the alarm. 2. Due to the volume setting, refer to the solutions of “No sound”. 3. The source of alarm was set to be station but there is no network connection. Change the source of alarm or reconfigure the connection.
All other undetermined cases.	The smart radio may process large amount of data after a period of operation, no matter in which mode, it will cause the system freeze or malfunction. Reboot the device if necessary.
	The normal function of the product may be disturbed by strong Electro-Magnetic Interference. If so, simply reset the product to resume normal operation by following the instruction manual. In case the function could not resume, please use the product in other location.
	The device may malfunction when used in areas with strong radio interference. The device will work properly again once there is no more interference.

10 Technical Specification

Model number	REGENT i200s
Description	Smart Radio
Display	2.4", 320 x 240, TFT color display
Network supported	Wi-Fi IEEE 802.11 b/g/n wireless; Bluetooth (BT V5.2, Supports A2DP, AVRCP profiles)
Frequency band	Wi-Fi : 2.400 - 2.4835 GHz; Bluetooth: 2.4GHz - 2.48 GHz

Max. radio frequency power transmitted	Wi-Fi: <20dBm; Bluetooth: Max. 8dBm
Encrypted key	WEP, WPA, WPA2 (PSK), WPS
DAB / DAB+	Band III (174.928 – 239.200 MHz)
FM	87.5 – 108.0 MHz, support RDS
USB supported format	MP3
Power Supply	Power Adaptor, 5V 1.5A
Remote Control Power Supply	2 x 1.5V AAA battery
Standby mode power consumption	<0.8W
Period after which the equipment reaches automatically standby mode	15 minutes
Networked standby mode power consumption	<2.0W
Operating temperature	0 °C - 35 °C
Total power consumption	7.5W
Connections	3.5mm earphone out socket, 3.5mm aux in socket, DC IN power supply socket USB Port
Dimensions	200mm(L) x 115mm(H) x 113mm(D)
Weight	943g

Specifications subject to change without notice.

Power Adaptor	
Manufacturer's name	GUANGDONG MINGXIN POWER TECHNOLOGIESCO., LTD.
Address	Floor 4,5th and 7th Floor, Building 2, Runfeng High-tech Industrial Park, No.100, Changping Section, Dongshan Road, Changping Town, Dongguan City, Guangdong Province, China

Model no.	MX15W-0501500VX
Input voltage	AC 100 – 240V
Input AC frequency	50/60 Hz
Output voltage	DC 5.0V
Output current	1.5A
Output power	7.5W
Average active efficiency	79.94% Min @230Vac input
No-load power consumption	≤0.1W, 100-240V

Use only original AC adaptor

Use only the power supply listed in the user instructions.

11 Conformity

This device has been approved for compliance with the basic and other relevant requirements of the RE 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., Dworska 1 Street, 61-619 Poznań

Name: Ferguson Regent i200s

Device type: Internet radio

The above-mentioned product complies with European Parliament and Council Directive 2014/53/EU 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:

<https://ferguson-digital.eu/declarations-of-conformity/?lang=en>