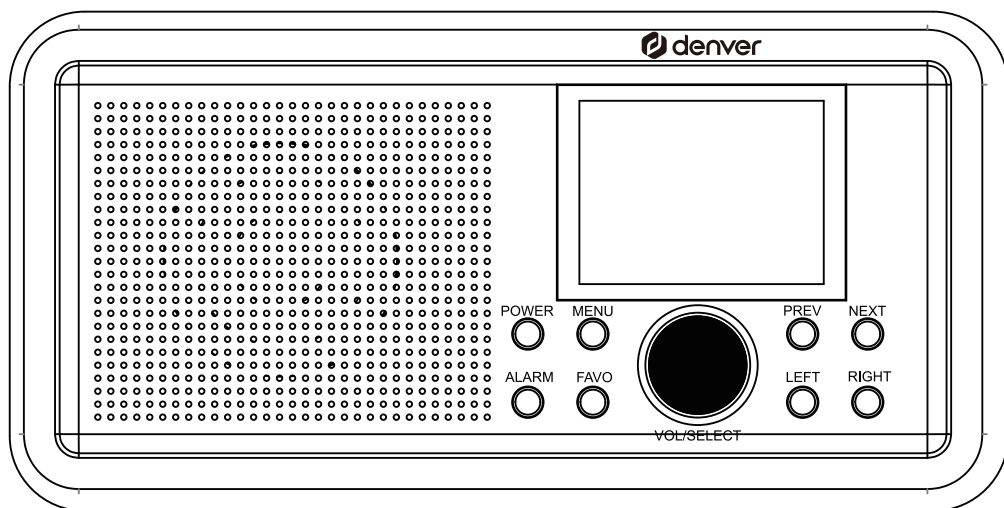




Denver A/S

DAB/Internet radio

DIR-200



INSTRUCTION MANUAL

Please read this manual carefully before using, and keep it for future reference.



FR

Cet appareil, ses
cordons et ses
accessoires sont
recyclables

À DÉPOSER
EN MAGASIN



À DÉPOSER
EN DÉCHÈTERIE



OU

Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !

Safety information

Please read the safety instructions carefully before using the product for the first time and keep the instructions for future reference.

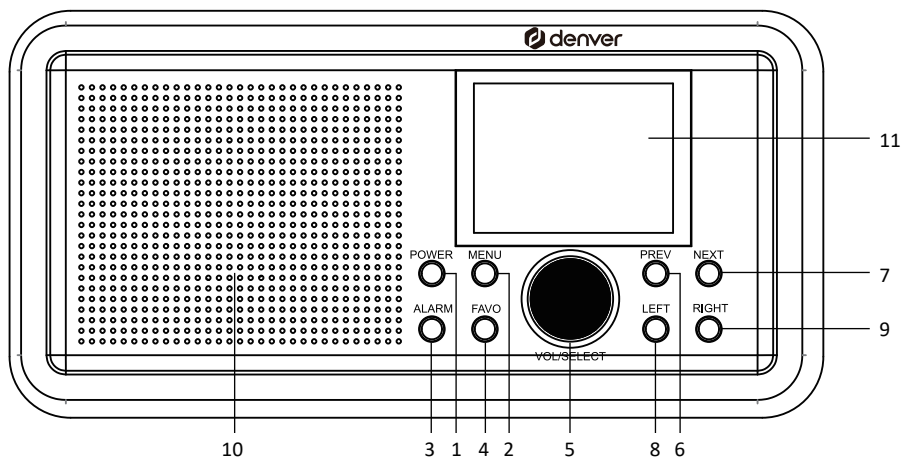
1. This product is not a toy. Keep it out of reach of children.
2. Keep product out of the reach of children and pets to avoid chewing and swallowing.
3. Product operating and storage temperature is from 0 degree Celsius to 40 degree Celsius. Under and over this temperature might affect the function.
4. Never open the product. Touching the inside electrics can cause electric shock. Repairs or service should only be performed by qualified personnel.
5. Do not expose to heat, water, moisture, direct sunlight!
6. Please protect your ears against loud volume. Loud volume can damage your ears and risk in hearing loss.
7. Bluetooth wireless technology operates within a range of about 10 m (30 feet). The maximum communication distance may vary depending on the presence of obstacles (people, metal objects, walls, etc.) or the electromagnetic environment.
8. Microwaves emitting from a Bluetooth device may affect the operation of electronic medical devices.
9. The unit is not waterproof. If water or foreign objects enter the unit, it may result in fire or electric shock. If water or a foreign object enters the unit, stop use immediately.
10. Only power with supplied Adaptor. The direct plug-in adapter is used as disconnect device, the disconnect device shall remain readily operable. So, make sure there is space around the power outlet for easy access.
11. Do not use non original accessories together with the product as this can make the product functionality abnormal.

Please notice that DAB signal can be weaken MUCH depending on the type of building you are living in. (fx. It can be hard to catch proper signal when being in a concrete building.)

Signal can also be different in different areas of the country.

Please check your local transmitter to get the best signal in your area.

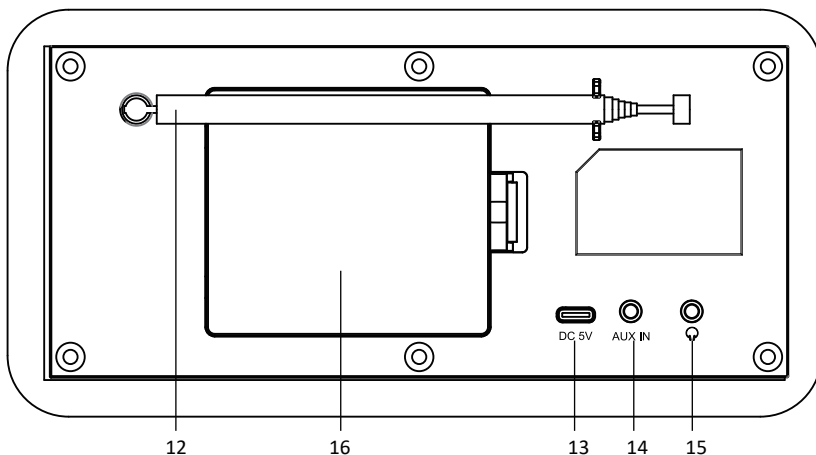
Overview Front Panel



Components, controls and connections

1. **POWER** button
Press this to turn the unit on/off or place it in standby
2. **MENU** button
Press to display or exit menu screen (Used to browse program options)
3. **ALARM** button
Dual alarm setting
4. **FAVO** button
 - Long press to store preset station.
 - Short press to recall preset stations.
5. **NAVIGATE / VOL / SELECT / SNOOZE** button
 - Turn to browse options when tuning function is active.
 - Press to confirm selection.
 - Volume control.
 - Snooze for 9 minutes when pressed during alarm starting. Alarm will start again after snooze time is over.
6. **PREV** button
Press to select previous station
7. **NEXT** button
Press to select next station
8. **LEFT** button
Press to return in display information or browse menu information
9. **RIGHT** button
Press to display time and date, and press to browse menu information
10. **Speaker**
11. **Display**

Overview Rear Panel



Components, controls and connections

12. FM/DAB antenna

13. DC 5V Type-C port (For powering the unit via the included adaptor)

14. AUX IN

Connect your music player and audio device by audio cable with 3.5mm-stereo jacks, playback your own music.

15. Headset jack

Using earphone (**not included**) you can connect earphones with a 3.5 mm plug to the device, adjust a pleasant sound volume for best experience.

16. Battery component

For battery operation please insert 4 x 1.5V "AA" batteries (**Batteries not included**). Remember to observe the polarity (+/-), so the batteries are placed with the correct direction each battery needs as indicated inside the battery compartment.

GETTING STARTED

ACCESSORIES

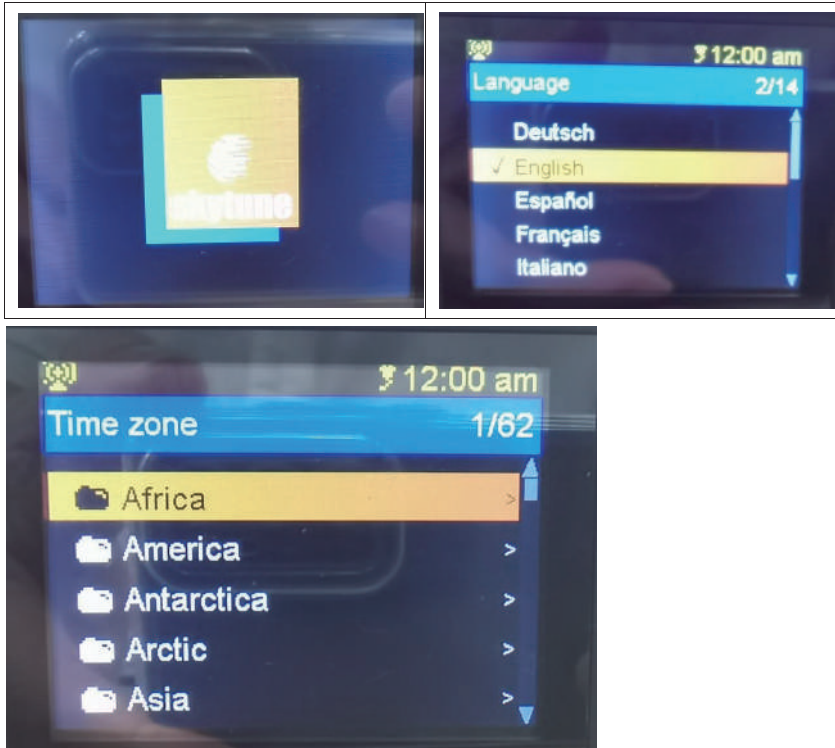
- Instruction Manual
- Europlug adaptor for powering the unit

Initial Use

Plug the connector plug of the mains adaptor into the DC 5V type-C socket on the unit. Connect the other end of the adaptor to the wall socket.

Caution: Use only the main adaptor supplied with the radio. Connecting a power supply with a different rating will cause permanent damage to the radio and may be hazardous.

The display on the front of the radio will light up “skytune”. After it has turned on you can ENTER your preferred language, Time zone etc. on the radio under the “Configuration” icon in menu.



Connect to WiFi and start using the Internet function

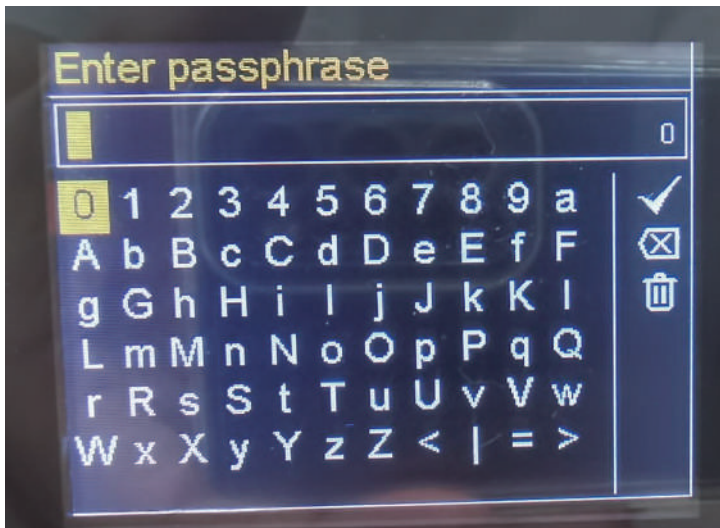
Under “**Configuration**” you can also connect to your chosen WiFi connection.

Under “Configuration” -> “Network” -> “Wireless network” -> “Add wireless network” -> “Scan & Select” you can here **search the available Wi-Fi connections** in your vicinity.

After the search is done, it will display a list of the available routers.



Choose your router from the list, **enter Wi-Fi Protected Access code**. If your network is not configured to be with a WEP or a WPA code, the unit will connect to the router automatically when you press the Navigate button while hovering it.



Note: The encryption code would have been set up by the person who set up and configured your network.

Please refer to the **“screen character list”** for you to enter the passphrase **and use the Navigate button to select symbols and letters**.

Follow the steps below:

- Rotate the knob to hover each of the letters/numbers needed and press the NAV button to confirm each character for the password.
- If you enter a wrong word, you can use the NAV knob to delete the wrong word you have

entered when hovering the **delete icon**.

- After you finish the entries, push down the Rotary knob to confirm when hovering the **checkmark icon**.

The radio will hereafter start connecting to the network.

After the router is connected successfully, you can now use the “Internet radio” function in the **start menu**. Here you can when **pressing “Skytune”** listen to **over 30.000 radio stations** from all over the world.

Internet Radio

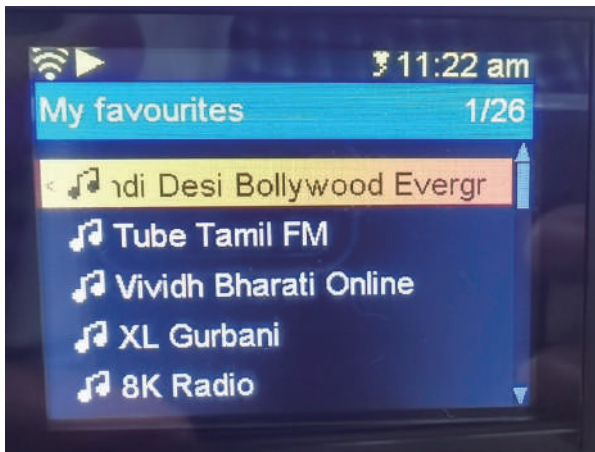
Choose 'Internet Radio' from the menu, you can see different stations as below:

To start listening to the worldwide radio stations, ENTER the different continent folders to find your desired international radio station.



My Favorites

This is to show the list of your “Favorite stations” which have been assigned to the presets. To preset a station stored: While you are playing the favorite station, simply hold and press the “FAVO” button until the following screen appears.



The presets will be stored in ascending order. You can **store up to 20 presets per radio station type (DAB / FM / Internet).**

Quick press the “FAVO” button to see all your preset stations.

Press the **“RIGHT”** button while in presets to **edit your Favorite list with the following options:**

Delete – To delete the ENTER station; Move up / Move down

– To do the edit, simply press the RIGHT button briefly to enter the Preset station list.

Choose the radio station that you want to make changes to. Then press the Right key, it will show the station with the options listed below. Then choose your desired action hereafter.



Other information regarding functions

Date & Time: Current Date & Time setting: You can press "NAVIGATE" knob for parameter setting, and rotation "NAVIGATE" knob for setting the date and time, press ENTER to confirm.

- Set Date & Time
- Time zone
- Set Time Format: 12hours / 24hours
- Set clock style
- Set date Format setting: YY/MM/DD, DD/MM/YY or MM/DD/YY
- DST (Daylight Saving Time (On / Off)
- Set time from network: **【On】**
- Network time server **【pool. ntp.org】**
- Set time from DAB: **【On】**
- Set time from FM: **【On】**

Software update

- Upgrade information will pop up on the display when there is an upgrade version available on the server.
- When there is an upgrade version available on the server, you can do the manual upgrade from the update menu.

Reset to default

You can do this factory reset to empty all of the settings and it comes back to default settings. Please note that all station presets, settings and configuration will be lost after performing the factory reset.

DAB RADIO

Press **MENU button** to view and select the DAB radio mode. The screen will show DAB Station list / DAB full scan. You can hover options, then press the NAVIGATE knob to confirm, it will automatically do a full scan of DAB radio stations. The list of stations is then stored, eliminating the need for another full scan when the radio is turned on next time (Unless you are in a new area). When the scan is complete, the stations are stored in alphabetical order. The first available station will be played back.

NOTE:

If there is no DAB reception at any time, change the position of the unit or adjust the antenna.

CHANGING DAB RADIO STATIONS

1. Press the buttons PREV or NEXT in DAB mode to navigate available DAB radio stations.
2. Press **Select/Navigate** button to confirm.

NOTE:

In order to make new DAB stations and services available on your radio, run a full scan at regular intervals.

MANUALLY STORING DAB STATIONS

You can store up to 20 preset DAB stations.

1. Select the desired station.
2. Press and hold **FAVO** button to store the DAB station.
3. Repeat steps 1 to 2 to store more DAB station.

SELECTING PRESET DAB STATIONS

1. Select DAB radio mode
2. Press FAVO button to access the Preset Recall <#: stored station name>.
3. Press FAVO button. Use the select knob to select the DAB station to confirm your selection by pressing **Select**.

FM RADIO

Press **MENU** button to select FM radio mode. Screen will show FM station list / FM full scan.

You can here start search for FM stations and then select FM radio options, press the NAVIGATE knob to confirm. Hold the NEXT or PREV button to switch in between next or previous FM stations.

NOTE:

If there is no FM reception at any time, try to change the position of the unit or adjust the antenna.

MANUALLY STORING FM STATIONS

You can store up to 20 preset FM stations.

1. Select the desired station.
2. Press and hold FAVO button to store the FM stations.
3. Repeat steps 1 to 2 to store more FM stations.

BT streaming

Bluetooth v. 5.0 audio streaming allows you to use external device as radio, mobile phone, lap top, iPad or MP3 player.

The signal is transmitted wirelessly via Bluetooth®.

NOTE:

Before playback, you must pair the external device (in this case the Bluetooth® receiver) and the device (Transmitter).

- Keep the range of 8 meters when pairing.
- Press the MENU button to select the "BT streaming" mode
- Activate the Bluetooth® function on the device. If necessary make a search for Bluetooth® devices. Pair your playback device with "**DIR-200**". The devices will if done correctly appear connected.
- To end the Bluetooth® connection:
 - Turn off the Bluetooth® function on the device. To disconnect long press RIGHT button,.

Bluetooth®-Playback

1. Start the music playback on the audio device.
2. Adjust the volume with VOL dial.
3. Press the PREV or NEXT button to skip title forward or backward.

AUX IN

1. Press "MENU" button to select AUX mode.
2. Connect your music player and portable audio device by audio cable (**not included**) with 3.5mm-stereo jacks.
3. Once both devices are connected you can start playback at your music player.
4. Use the controls of your music player to control the playback.
5. You can adjust the volume on the device (volume dial –VOL+) or your music player vol.

Alarm setting

- [Alarm 1]
- [Alarm 2]

You can set two alarm times on your internet radio under ALARMS in the main menu.

Before setting an alarm time, you must first check the time setting.

- Select an alarm and press OK to confirm.
- Select one of the entries and press OK to apply the settings.
- Switching the alarm on/off
- Setting the alarm time: Scroll VOL+/- to increase/decrease LEFT/RIGHT to previous/next
Press SELECT when done
- Sound: Tone / My favourites / FM radio / DAB radio
- Repeat: Everyday/Once/Monday/Tuesday/Wednesday/Thursday/Friday/Saturday/Sunday
- Alarm volume: 3% -100%
- Alarm duration: 15, 30, 45, 60, 90, 120, 150, 180 minutes

Selecting an alarm signal

- Buzzer: wake to alarm tone
- My favourites: wake to IR/DAB/FM already preset station
- FM: wake to FM radio
- DAB: wake to DAB radio

Sleep timer

Option menu: Turn off / 15 minutes / 30 minutes / 45 minutes / 60 minutes / 90 minutes / 120 minutes / 150 minutes / 180 minutes

1. Press MENU button to select "Sleep timer" mode, here rotate the "NAVIGATE" knob to choose option <Sleep time> and confirm with the button **Select**.
2. Set the desired time, between 15 to 180 minutes and off. The selected sleep time minutes will be displayed in the Radio display e. g. Zz15, and will countdown until the radio power off.

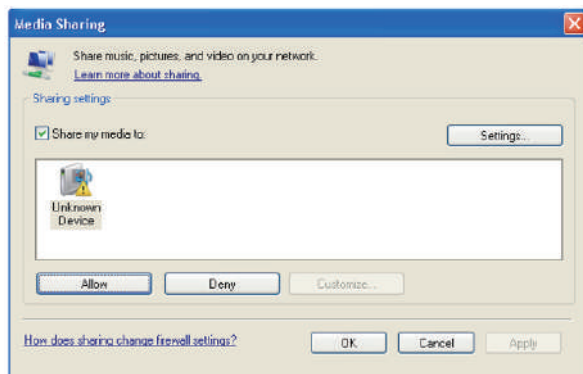
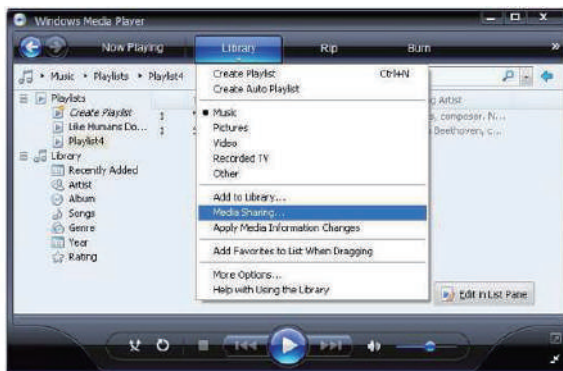
Media Center

UPnP (Universal Plug and Play)

You can stream music from the Networked device which supports UPnP function, allow sharing of the data and entertainment. For instance, most of the latest computer laptop supports UPnP, and you can stream the music from Windows Media Player application on the computer and listen on your radio.

- If your PC is running Microsoft Windows XP, then you can use Windows Media Player 11(WMP11) to act as your UPnP(Universal Plug and Play) media server. (For Windows 7 or above, please download the correspond version of Windows Media Player). Windows Media Player 11 may be downloaded from Microsoft's website and install by following the instructions detailed in its installation wizard.
- Once installed, Windows Media Player 11 will create a library from all the media files available to it on your PC. To add new media files to the library, ENTER 'File > Add to Library...> Advanced Options', Click 'Add' and choose the files you wish to add and click 'OK'.
- You will now need to connect your Internet radio to Windows Media Player 11 and configure it to allow the radio to access your media library. In order to this, you will need to do the following:
- Go to the main menu of the radio, ENTER <Media Player> -> <UPnP>.
- It will scan for all available UPnP servers . Note, this may take a few seconds for the radio to complete its scan and before the scan has completed, the radio will display '[Empty]'. The radio will continue to display '[Empty]' if no UPnP servers are found.
- After a successful scan. ENTER your UPnP server, by rotating the dial if there is more than one UPnP server, and then press ENTER (note, your radio will display 'Access Denied' at this stage)
- Your PC will now prompt you that a device has attempted to connect to your UPnP server. In order to allow the radio to have access to the media files, you will need to click the 'Library' tab from Windows Media Player 11 and ENTER the <Media Sharing> item to open the 'Media Sharing' window. ENTERing 'Media Sharing' for Windows Media Player 11:
- From the 'Media Sharing' windows , the radio will be listed as an unknown device. Click on the unknown device listed, then click the 'Allow' button and then click 'OK'. Allowing the Radio to Connect:

Note: When you are playing the music under UPnP, you are able to change the mode of playback via ENTERing Media Player/Playback Mode.



SPECIFICATIONS

Power supply	DC Input: 5V  1.2A (Type-C port)
Battery type	6V  4 x 1.5V "AA" size batteries (not included)
Frequency	DAB 174.9-239.2 MHz/ FM 87.5-108 MHz/ Bluetooth 2402-2480 MHz/ Wifi:802.11 b/g/n, 2.4G Band (2412-2472 MHz)
Pairing name	DIR-200
Manufacturer's name or trade mark, commercial registration number and address	Shenzhen Keyu Power Supply Technology Co.,Ltd. 91440300591889293H 2~3F,No.13, Lane3,Yuquan East Road, the 2 nd , Industrial Park,Yulu, Guangming District,518000 Shenzhen, PEOPLE'S REPUBLIC OF CHINA
Adaptor Model identifier	KA0601A-0501200EUS, KA0601A-0501200BSS
Input voltage	100-240V~
Input AC frequency	50/60Hz
Output voltage	5.0V 
Output current	1.2A
Output power	6.0W
Average active efficiency	75.92%
Efficiency at low load (10%)	70.32%
No-load power consumption	0.091W

Please notice - All products are subject to change without any notice. We take reservations for errors and omissions in the manual.

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Electric and electronic equipment contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment) is not handled correctly.

Electric and electronic equipment is marked with the crossed out trash can symbol, seen above. This symbol signifies that electric and electronic equipment should not be disposed of with other household waste but should be disposed of separately.

All cities have established collection points, where electric and electronic equipment can either be submitted free of charge at recycling stations and other collection sites or be collected from the households. Additional information is available at the technical department of your city.

Hereby, Denver A/S declares that the radio equipment type DIR-200 is in compliance with Directive 2014/53/EU. The full text of the RED declaration of conformity is available at the following internet address: denver.eu and then click the search ICON on topline of website. Write model number: DIR-200. Now enter product page, and RED directive is found under downloads/other downloads.

Information on standby/off mode power consumption and power management for products compliant with Commission Regulation (EU) 2023/826 can be found at the following internet address: denver.eu and then click the search ICON on topline of website. Write model number: DIR-200 and enter the page.

Operating Frequency Range: DAB 174.9-239.2 MHz/ FM 87.5-108 MHz/Wifi:802.11 b/g/n, 2.4G Band(2412-2472 MHz)

Max Output Power: 20W/2W RMS

Bluetooth Frequency Range:2402-2480 MHz

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(Push "1" for support)

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support.de@denver.eu

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Friday 09:00 - 14:00

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E-Mail: **denver@lurfservice.at**

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62-800 Kalisz

Phone: **62 75 38 092**
E-Mail: **denver-service@letmerepair.pl**

Godziny pracy: 8 – 18 (poniedziałek – piątek)

If your country is not listed above,
please write an email to
contact.hq@denver.eu



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