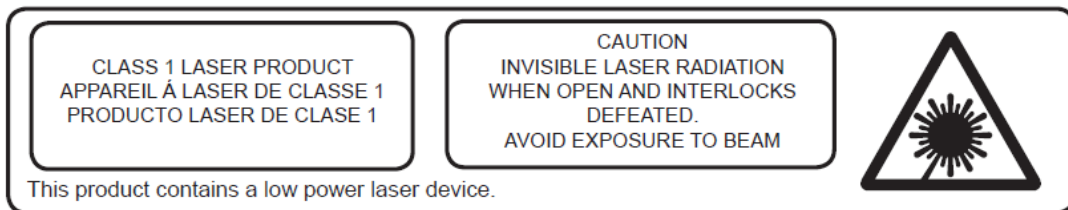# Model: MIR-270

denver.eu

01/2022

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. Never use old and new batteries or different types of batteries together. Remove the batteries when you are not using the system for a longer period of time. Check the polarity (+/-) of the batteries when inserting them in the product. Wrong positioning can cause an explosion. Batteries are not included.
4. Product operating and storage temperature is from 0 degree Celsius to 40 degree Celsius. Under and over this temperature might affect the function.
5. Never open the product. Touching the inside electrics can cause electric shock. Repairs or service should only be performed by qualified personnel.
6. Do not expose to heat, water, moisture, direct sunlight!
7. Please protect your ears against loud volume. Loud volume can damage your ears and risk in hearing loss.
8. 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.
9. Only charge 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.
10. Do not use non original accessories together with the product as this can make the product functionality abnormal.

Class 1 Laser Product : Warning: Do not touch the lens.

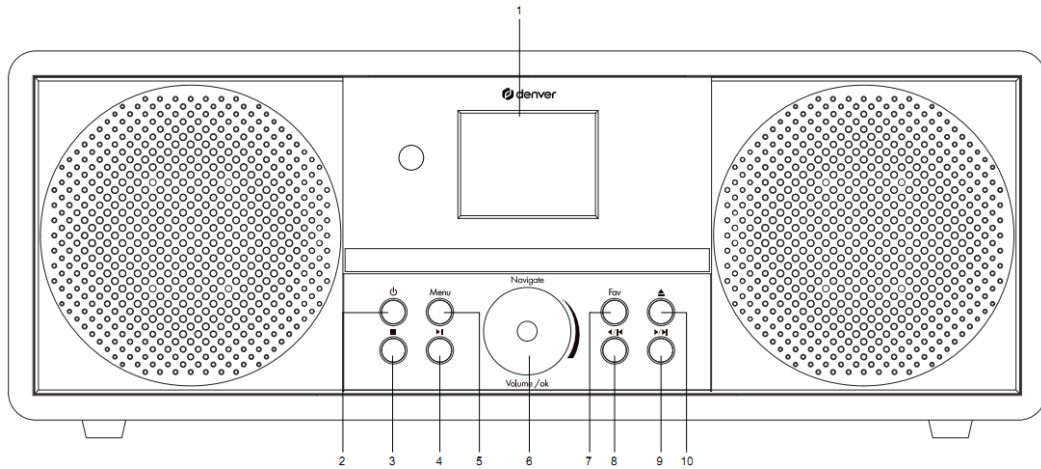| CLASS 1 LASER PRODUCT	CAUTION
APPAREIL Á LASER DE CLASSE 1	INVISIBLE LASER RADIATION
PRODUCTO LASER DE CLASE 1	WHEN OPEN AND INTERLOCKS DEFEATED. AVOID EXPOSURE TO BEAM

This product contains a low power laser device.

DAB Radio Signal

Please notice that DAB signal can be weaken MUCH depending on the type of building you are living in. For example, it can be hard to catch proper signal when being in a concrete building.
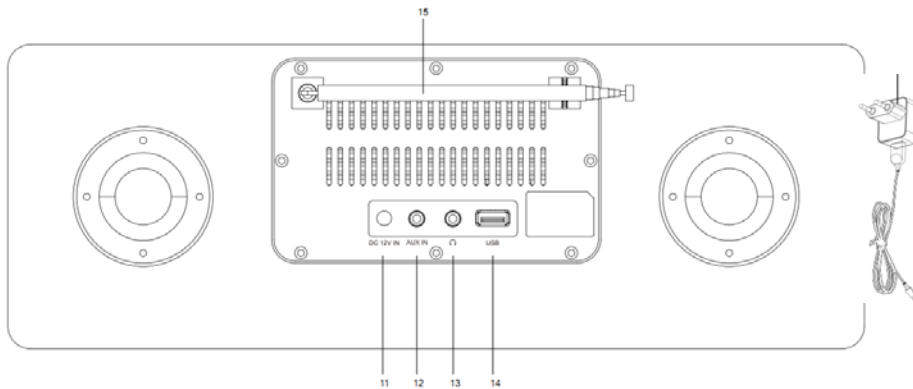
Signal can also be different in different areas of the country. Please check your local transmitter to get the best signal in your area.
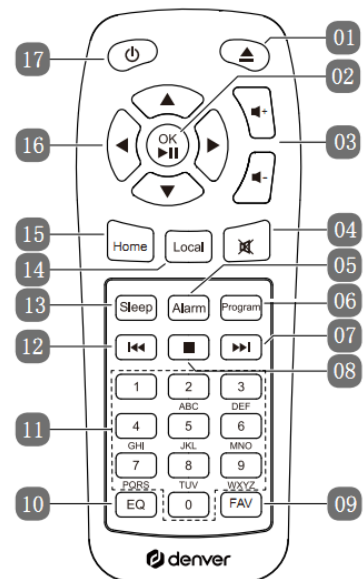
PRODUCT OVERVIEW

Front view

Rear view

1.	Display screen	9.	Forward button
2.	Standby button	10.	Eject disc
3.	Stop in CD / USB modes	11.	DC 12V IN
4.	Play & Pause in CD/ BT/ USB modes	12.	Aux In jack
5.	Menu button	13.	Headphone jack
6.	Volume/ Navigation **CONTROL DIAL**/Select/ OK button	14.	USB port
7.	FAV button	15.	Antenna
8.	Rewind button	16.	AC/ DC adaptor

Remote Control

1.	Eject disc	10.	EQ button
2.	OK / Play & Pause buttons	11.	Numeric buttons
3.	Volume +/-	12.	Rewind button
4.	Mute button	13.	Sleep button
5.	Alarm button	14.	Local button
6.	Program button	15.	Home button
7.	Forward button	16.	Navigatiom up / down / right / left
8.	Stop button	17.	Standby
9.	FAV button		/

INITIAL SETUP

Before operation, please make sure that the VOLTAGE mentioned on the power supply is same as the voltage of your local area.
Use the supplied mains adaptor to connect the device to a household mains socket.
To set Language and Network Configurations at first time running, setup the network connection or set it later. Use **CONTROL DIAL** to select the desired option. Press **CONTROL DIAL** to confirm.

Network configuration

1. <u>Normal network configration</u> : Select "Yes" for the normal Wireless Network Configuration: Then select the required AP by turning CONTROL DIAL and confirm it by pressing **CONTROL DIAL**.

Enter WEP or WPA code to connect WiFi network by select the correct character turning **CONTROL DIAL**.
Press **Forward** to select the next character or press **Rewind** to turn left and delete the left chracters..
When the password is completed please press **CONTROL DIAL** to confirm.
Note: Below characters are available for the radio: Numbers(from 0-9),
English letters(from A to Z and from a to z); Other charcters(DEL,@,Blank,!,",#,$,%,&,*,',+ and (,)
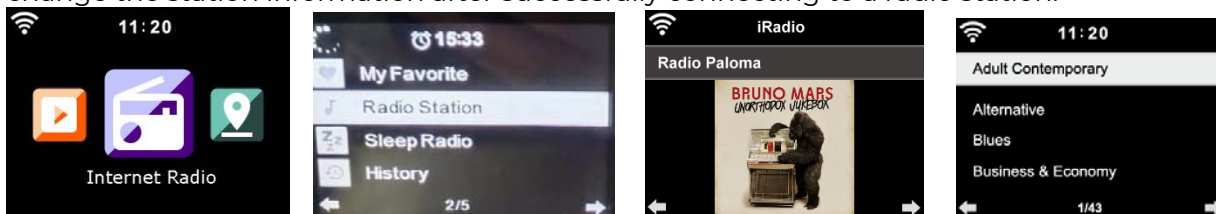
2. <u>WPS PBC network configuration</u> : Pressing WPS button on router and selecting YES(WPS) on **MIR-270** within 120 seconds. The connection between the router and **MIR-270** will be configured automatically.

3. <u>No network configuration:</u> Select "No" when you do not want to install .

Press **Standby** into Standby. When the actual date and time is shown the network means configuration is well done. Date and time, as well as alarms-if activated-will still be shown on the display when in standby mode.

INTERNET RADIO

Use **CONTROL DIAL** to select **INTERNET RADIO** from Menu and scroll through the different menu options and select the desired option by pressing **CONTROL DIAL**. Pressing **Forward** or **Rewind** to change the station information after successfully connecting to a radio station.

Internet Radio menu options:

<u>My Favorite:</u> Total 250 favorite entries including stations and folder. During the station playing screen, press and hold **FAV** to save the station as my favorite. Replace saved favorites with a new favorite station, and Favorite radio stations cannot be stored twice.
Press **FAV** to enter the saved station list, move to the station; press **CONTROL DIAL** to listen.

<u>Radio Station:</u> Stations are categorized into Global Top 20, Genre and Country/Location (Africa, Asia, Europe, Middle East, North America, Oceania/Pacific, and South America) /Highlight. Enter to continue the subcategories and choose the station to listen .

<u>Sleep Radio:</u> Choose Birds, Lullaby, Piano, Rain, Spa, Space, Wave and White Noise as sleep radio.
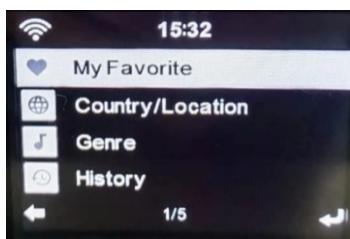
<u>History:</u> List of ten recently listened stations.

<u>Service:</u> **Search Radio Station:** Enter a stationsname/keyword to search through the list of all radio stations.

Add New RadioStation: by using an IP address/web address, the added station will be stored in the 'My Favorite' list. **Note :** the maximum character of the station name is 250.

APP: scan the QR code.

PODCAST

My Favorite: Same as Internet radio.

Country / Location: Enter to continue the subcategories and choose the station to listen .

Genre: Enter to continue the subcategories and choose the station to listen .

History: List of the ten recently listened stations.

Search: Scan QR code.

MEDIA CENTER

Select Podcast, USB or UPnP mode with **CONTROL DIAL**.

USB: Insert an USB memory stick into the USB socket and select USB from the MEDIA CENTER. Browse folders/files with **CONTROL DIAL** and press **CONTROL DIAL** to select to play.

Note: The USB port does not support charging or data transfer with a computer.

UpnP : Connect PC and Radio to the same network, Open the UPnP platform Windows Media Player (11 or later), or other platforms, allow to share the media to MIR-270. Add the audio files and folders to share with MIR-270 to the media library. Then select the shared media at UPNP. If more than one computer sharing media, the alternatives are listed.

Note: file names less than 40characters in European Language. If a track generates an error , try to rename the track. If it still can't play, convert the track to a different format.

My mediaU

Scan QR code to mediaU. Display and playback your own mediaU station list on the mediaU server. MAC info: menu -> configuration > Device > System information > Wireless Info;

CONFIGURATION

Time Display : Analog/Digital (Blue/ Green / Orange / Red / White)

Manage my mediaU: my mediaU will show on the main menu if enabled. If various mediaU accounts exist in the Radio, Select the default login account in here.

NETWORK

Wireless Network Configuration: Enable/disable WiFi network. Automatically select the required AP if enabled. Enter WEP or WPA code to connect the WiFi.

Wireless Network (WPS PBC): If a router with WPS/QSS button, set up the network connection easily via WPS function. Enter it and press the WPS/QSS button on router within 120 seconds, then connect router and device.

Manual Configuration: Choose DHCP (which assignes the ip address automatically) or manually input the IP address for wireless network connection.The following information has to be entered: SSID (nameof access point),IP Address,subnet mask,default gateway,preferred DNS server,alternate DNS server.

Check Network When Power On: Enable/disable WiFi network. The system will automatically search for available AP if enable WIFI network.

<u>Date & Time:</u>   Set Date and Time (Manual Setup / Auto Detect)
Set Time Format: 12 Hour or 24 Hour
Set Date Format: YYYY/MM/DD, DD/MM/YYYY, MM/DD/YYYY

<u>Alarm:</u>   Alarm 1,Alarm 2 and NAP alarm.

Setting the alarm   -Select Alarm 1 or Alarm 2, turn on,
Press **CONTROL DIAL** on "Repeat", select Everyday, once or select the required days.
Press **CONTROL DIAL** on "Time:00:00" , turn **CONTROL DIAL** to change the highlighted Hours and press **Forward** once to switch to the Minutes, press **CONTROL DIAL** to confirm.
Select the "Sound:" Beep, Melody, Internet Radio, FM,DAB/DAB+,USB,CD mode.
Note: when no internet connection is available within 1 minute after the alarm is activated MIR-270 will automatically switch to Melody.

Setting the NAP alarm :   NAP alarm, Choose 5/10/20/30/60/90 or 120 mins and press **CONTROL DIAL** to confirm
When the NAP alarm is activated , a clock icon on the lower right corner with the remaining time.
Alarm Volume: Choose Alarm Volume to configure the volume of the alarms.

<u>Timer:</u>   Countdown timer (max. 100min)

<u>Scheduled playing:</u>   *Select Repeat:* Everyday, Once or Mon to Sun
Select Time: HH:MM   *Select Sound:* Internet Radio,FM,DAB/DAB+

<u>Language:</u>
English/Deutsch/Espanol/Francais/Portugese/Nederlands/Italiano/Pyccknn/Svenska/Norsk bokmal/Dansk/magyar/Cesky/Slovensky/Polski/Turkce/Suomi/Ελληνικά

<u>Dimmer:</u>   Power Saving/Turn On

<u>Display:</u>   Color/Monochrome

<u>Power Management:</u> This option configures when MIR-270 should go into standby mode.
Select Turn off/5 minutes/15 minutes/30 minutes. Use Turn off setting to ignore the standby function.

<u>Sleep Timer:</u> Turn off or set sleep timer of 15/30/60/90/120/150/180 minutes. Once the time is set, a bed icon with the remaining minutes at the top right corner of the display and the device will turn to standby after the configured time.

<u>Sound Quality:</u> High or Low

<u>Weather:</u>   Activate/deactivate the weather forecast on standby display. Choose your preferred temperature unit (°F or °C) and proceed by entering the location. When activated, the weather forecast is shown in turns with the clock display on the standby screen (it changes every 10 secs).

<u>DAB/FM Setup:</u>   FM Mode: Set Mono or Set Stereo **/** FM Sensitivity : Strong , default or Weak **/** DAB Sensitivity : Strong , default or Weak   **/** Service following(FM-IR): Enable or Disable **/** Service following(DAB-IR): Enable or Disable

<u>Local Radio Setup :</u>   Press Local Station to enter the local radio station list directly.

<u>Playback Setup:</u> Play mode Off (no repeat or shuffle),Repeat all, Repeat one,or Shuffle.

<u>Menu:</u>   Add or cancel the functions on the main menu.

<u>Device</u> : Check the system information, Rename, scan QR code to download APP, and Privacy.

<u>Equalizer:</u> Normal, Flat, Jazz, Rock, Soundtracks, Classical, Pop, News or my "EQ".
Press the "EQ" button on the remote control to quickly change the equalizer mode.

<u>Resume When Power On:</u>   Select on or Off

<u>Software Update:</u>   **Disconnecting the power during a software update may permanently damage the unit.**

<u>Reset to Default:</u>   Restore to default settings.

AUX (Line input)

Select **AUX in** mode from Main menu , plays audio from an external source with line out.

Adjust the volume on Radio or audio source device if required.

BLUETOOTH

Select **Bluetooth** mode from Main menu. Activate Bluetooth pairing mode of phone/tablet , search **Denver MIR-270** and click to pair. Adjust volume at **MIR-270** or the connected device.

FM (RADIO)

Select **FM** mode from the main menu , FM mode will start on 87.5MHz.
Press **CONTROL DIAL**, "auto scan?"choose YES to start auto scan and save all the staions with strong signal. Once completed, stations will be saved in your favorites. Holding down **Forward** or **Rewind** to skip between saved stations.
Press **Forward** or **Rewind** to go through the frequency wave by manually scroll.
Pre-setting your favourite FM stations
Select and listen to the station frequency number for the station to save. Press and hold **"FAV"** and the number '01' will display on the screen. Use **CONTROL DIAL** to browse through preset numbers(up to 99) and select the number to save it as by pressing **CONTROL DIAL**.
Recalling preset FM stations
Press **FAV** to view favourite FM stations and begin scrolling through saved stations.

DAB (DIGITAL RADIO)

Select **'DAB/DAB+'** from the main menu. On first use of DAB, DAB mode begin scanning for DAB stations and 'Scanning' on the display screen. It will display how many stations have been found as the search continues. Scroll through with **CONTROL DIAL** to select the station and press **CONTROL DIAL** to play. Press **Rewind** to go back the main list page to rescan the DAB stations and there will be reminder 'Delete station list?'.Choose 'YES' to do rescan.
Pre-setting your favorite DAB/DAB+ stations
Press and hold **FAV** to go to the 'Add to my Favorite' screen. Turn **CONTROL DIAL** to choose the preset number(up to 99) and select it by pressing **CONTROL DIAL**.
Or hightlight the chosen station on the list screen of DAB stations and press and hold **FAV** to go to the
the "Add to my Favorite" screen.
Recalling preset DAB/DAB+ stations
Press **FAV** to view the favourite and begin scrolling through the saved stations.

CD PLAYER

Select 'CD' on main menu. The display screen for CD function will show "Reading..." followed by "No Disc".
Press **Eject Disc**, Insert CD slightly and the drive will take the CD into the system to play. Album artwork will display on the screen. Not all CDs will display album artwork.
CD Functions
Press **Rewind** / **Forward** to skip between songs. To skip rewind/forward through a song playing, press and hold **Rewind** / **Forward** and release to stop skipping.
To eject the CD, press **Eject Disc**. Press **Stop** to stop the album. Press **Play/Pause** to begin listening again.
Arrange a CD song program
1. Program CD player to play songs in a particular order, When the CD is on, press **Stop**. Simply pressing **Program** on the remote to step into the state of programming.
2. The display will show P1 001 to display the first song on the CD as 001. Choose one of songs as program number 001 b**y pressing Rewind and Forward** to scroll through to choose and, press **Program** to select
3. Tthe display will show P2 002 to show the program 2. Choose one of songs as program2, press **Program** to select. Song number show 001 for CD song number 1, 010 for CD song number 10 etc.

4. After finished program song selection, press **Play/Pause** to play the songs which have been programmed.
Press **Stop** to exit the "Program" when programming.
When the Program playback is activated, press **Eject Disc** or **Stop** twice, then exit the program playback mode.

Technical Specifications

Manufacturer name	Shenzhen Adition Audio Science & Technology Co.,Ltd
Brand	ADITION
Business Registration no.	914403007604818396
Address	No.2 Building , Huidebao Industrial Park, No.11, 2nd Industrial Zone, Baihua Community, Guangming District, Shenzhen , 518107, China
Model no.	AD2401202000EU
Input	100-240V~50/60 Hz, 1A max
Output:	12.0 V === 2.0A 24.0W
Average active efficiency	88.39%
10% active efficiency	84.64%
No-load power consumption	0.06W
Network	802.11b/g/n (WLAN) Encryption: WEP, WPA, WPA 2(PSK), WPS
Streaming	UPnP
Supported filetypes	WMA,MP3,WAV,FLAC,AAC,AAC+
Connections	DC, USB, 3.5mm AUX-IN, 3.5mm Line-Out
AUDIO Power output	2 x 10W RMS
Bluetooth version	5.0
RADIO	FM 87.5 – 108MHz / DAB 170 – 240MHz
Operating conditions	Temperature: 0-35℃ Humidity 5% to 90%
Unit dimension	380(L) X 210 (W) x 140 (H) mm
Weight	~3.2KGS

SPECIFICATION SUBJECT TO CHANGE WITHOUT FURTHER NOTICE

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

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 MIR-270 is in compliance with Directive 2014/53/EU. The full text of the EU 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: MIR-270. Now enter product page, and RED directive is found under downloads/other downloads.

Operating Frequency Range:
DAB 174-240MHz ; FM 87.5-108MHz ; WIFI: 802.11 b/g/n; BT: 2402-2480MHz
Max Output Power: 30W

DENVER A/S

Omega 5A, Soeften

DK-8382 Hinnerup

Denmark

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