DAP AUDIO

ENGLISH

IR-100 V1

Ordercode: D1249

Table of contents

DAP AUDIO

Warning

⚠️ **For your own safety, please read this user manual carefully before your initial start-up!** ⚠️

Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a device must be returned to the factory, it is important that the device is returned in the original factory box and packing.

Your shipment includes:

- DAP Audio IR-100
- Remote control (batteries not included)
- Wi-Fi antenna
- IEC power cable (1,5 m)
- User manual

⚠️ **CAUTION!**
Keep this device away from rain and moisture!
Unplug mains lead before opening the housing! ⚠️

Safety Instructions

Every person involved with the installation, operation and maintenance of this system has to:
- be qualified
- follow the instructions of this manual

⚠️ **CAUTION! Be careful with your operations.**
With a dangerous voltage you can suffer
a dangerous electric shock when touching the wires! ⚠️

Before you initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the system.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the system are not subject to warranty.

This system contains no user-serviceable parts. Refer servicing to qualified technicians only.

IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the system.

- Never let the power cord come into contact with other cables! Handle the power cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Never use anything to cover the ground contact.

- Never leave any cables lying around.
- Do not connect this system to a dimmerpack.
- Do not switch the system on and off in short intervals, as this would reduce the system's life.
- Do not open the device and do not modify the device.
- Only use system indoors, avoid contact with water or other liquids.
- Avoid flames and do not put close to flammable liquids or gases.
- Always disconnect power from the mains, when system is not used. Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.
- Always operate the unit with the AC ground wire connected to the electrical system ground.
- Make sure that you do not use the wrong kind of cables or defective cables.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power cord is never crimped or damaged. Check the system and the power cord from time to time.
- Please turn off the power switch, when changing the power cord or signal cable, or select the input mode switch.
- Avoid ground loops! Always be sure to connect the power amps and the mixing console to the same electrical circuit to ensure the same phase!
- If system is dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the system has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your system. Leave the system switched off until it has reached room temperature.
- If your Dap Audio device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Dap Audio dealer for service.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- For replacement use fuses of same type and rating only.
- WARRANTY: Till one year after date of purchase.

Operating Determinations

This system is not designed for permanent operation. Consistent operation breaks will ensure that the system will serve you for a long time without defects.

If this system is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.
Any other operation may lead to dangers like short-circuit, burns, electric shock, etc.

You endanger your own safety and the safety of others!

Improper installation can cause serious damage to people and property !

Connection with the mains

Connect the device to the mains with the power-plug.
Always pay attention, that the right color cable is connected to the right place.

International	EU Cable	UK Cable	US Cable	Pin
L	BROWN	RED	YELLOW/COPPER	PHASE
N	BLUE	BLACK	SILVER	NEUTRAL
⏚	YELLOW/GREEN	GREEN	GREEN	PROTECTIVE GROUND

Make sure that the device is always connected properly to the earth!

Improper installation can cause serious damage to people and property!

DAP AUDIO

⚠ Return Procedure ⚠

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail aftersales@highlite.nl and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:
01) Your name
02) Your address
03) Your phone number
04) A brief description of the symptoms

Claims

The client has the obligation to check the delivered goods immediately upon delivery for any short-comings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.

Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

Description of the device

Features

The DAP IR-100 is a professional 1U internet radio with Wi-Fi and RJ45 connectors. It is also equipped with a conventional FM tuner and a USB media player, which can be used in case of network-related problems. The multilingual menu is very user-friendly, with its full color display and multifunctional selector. The device is equipped with such advanced features as playlists, EQ presets, sleep timer, clock and DNLA. You can also select your desired display background and decide whether it displays the radio stations, clock, weather forecast or financial information. It is easy to make presets or search for your favorite stations, by keyword, genre or region. The mini jack on the front side allows to connect an MP3 player or a mobile device, which makes it possible to listen to your own music. The DAP IR-100 remembers its last active function, even if the device is switched off.

- Built-in Wi-Fi
- USB media player & tuner
- Full color display
- DNLA

General
- Input voltage: 230V AC, 60/50 Hz
- Power consumption: 50W
- Fuse: T630mAL/250V
- Dimensions: 482 x 200 x 44 mm (LxWxH)
                  19″ x 1HE (LxH)
- Weight: 2,3 kg

Internet radio
- Features: Favorites, Genre, Local, Search, DNLA tuner
- FM band: 87,5-108 MHz
- Presets: 5

Media player
- Source: USB type A
- Supported files: MP3, WMA
- Format: FAT32, 32GB
- Playback: Program, Repeat, Continuous

Output
- Output level: 1,2 V +/- 2 dB
- THD: < 0,1% at 1 kHz
- S/N Ratio: > 70dB at 1 kHz

Connections
- AUX IN: 3,5 mm jack & RCA
- Output: RCA
- Antenna: 75 Ohm antenna terminal socket
- Network: Wi-Fi & RJ45

Overview
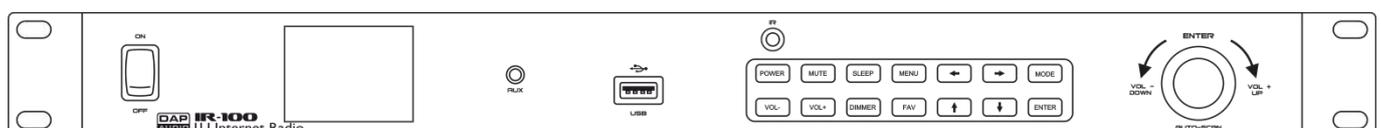
Fig. 01

Frontside
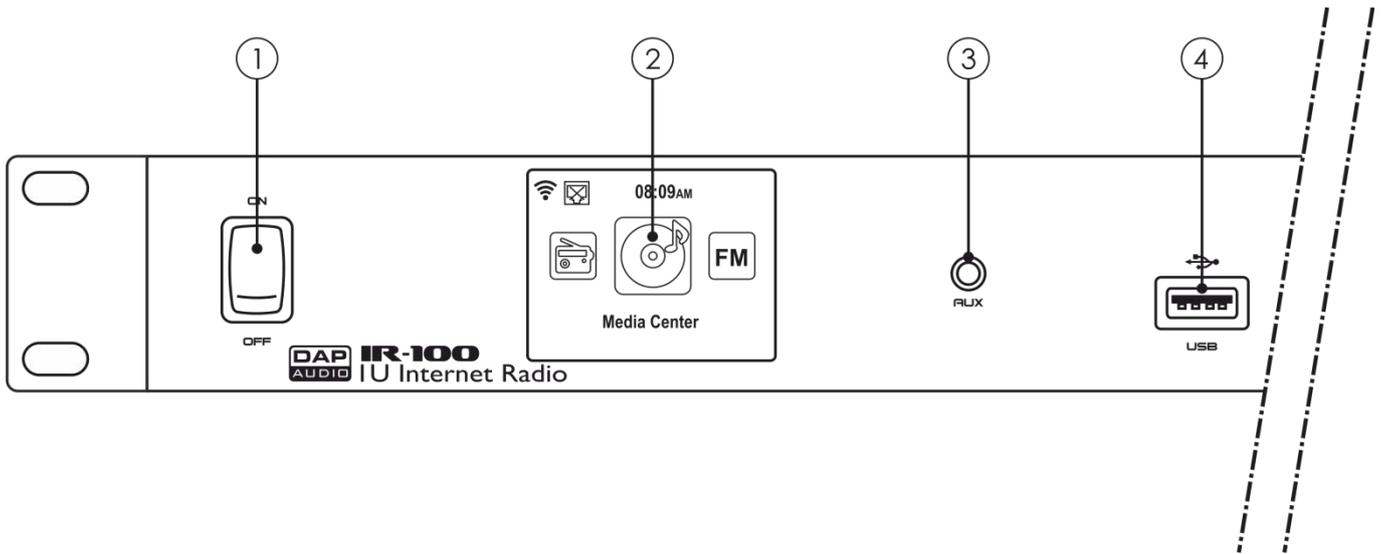
Fig. 02

① **Power switch ON/OFF**
Press the button to switch the device ON/OFF.

② **LCD display**

③ **AUX IN – 3,5 mm jack**
Connect an external music source, for example an MP3 player or a mobile device. Please note, that it is not possible to connect your external devices to both **inputs (3/25)** at the same time. Always use only one input at a time.

④ **USB – A connector**
Insert a USB flash drive, containing music files.
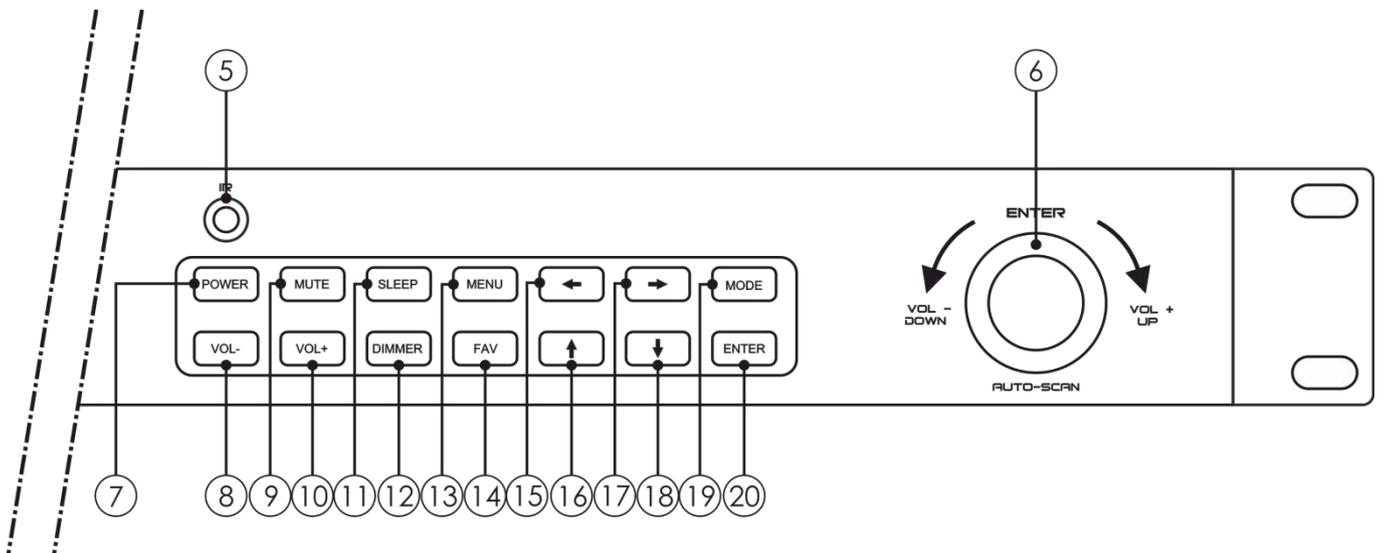
Fig. 03

⑤ **IR receiver**

⑥ **Function control**
Turn the control to the left/right to toggle through the menu or to set the volume. Press the control to enter the menus/confirm settings.
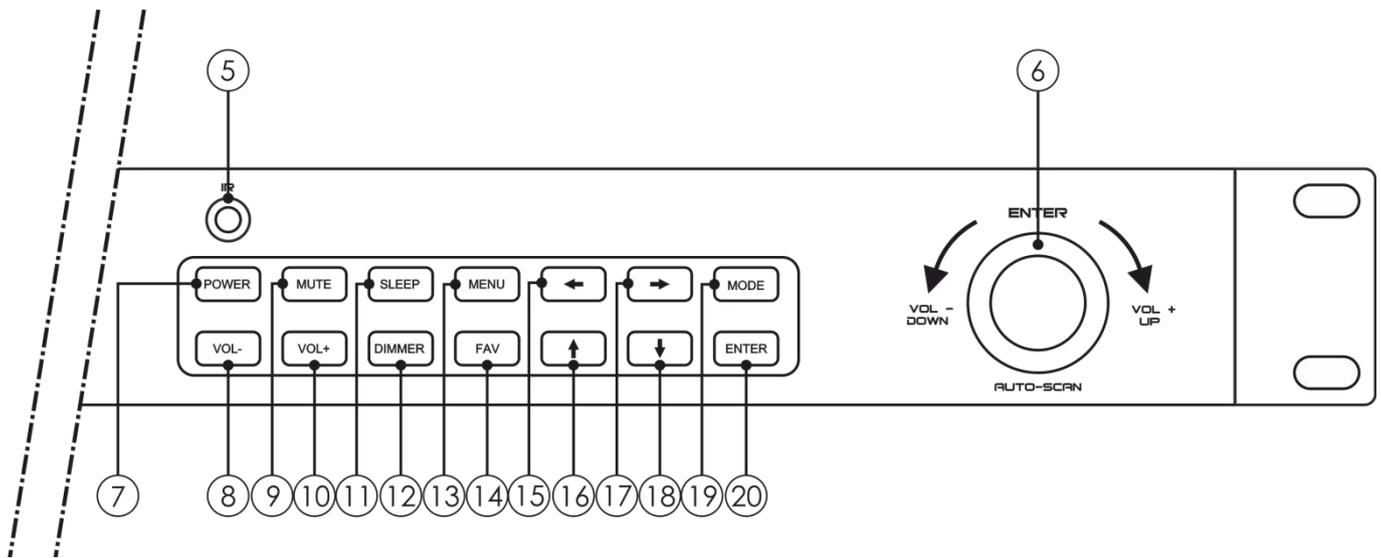
⑦ **POWER button**
Press the button to activate/deactivate the stand-by mode.

⑧ **VOL (-) button**
Press this button to lower the volume.

⑨ **MUTE button**
Press the button to mute the output.

⑩ **VOL (+) button**
Press the button to turn up the volume.

⑪ **SLEEP button**
Repeatedly press the button to set the amount of time after which the device will turn off. The available settings are: OFF, 15, 30, 60, 90, 120, 150 and 180 minutes.

⑫ **DIMMER button**
Press the button to darken/brighten the LCD display.

⑬ **MENU button**
Press the button to return to the main menu.

⑭ **FAV button**
Press the button to recall your radio presets or press and hold down to save a newly found radio station.

⑮ **⬅ button**
Press this button to return to the previous menu/toggle through the options/search backward for radio stations.

⑯ **⬆ button**
Press the button to toggle through the options/fine-tune a radio station.

⑰ **➡ button**
Press this button to proceed to the next menu/toggle through the options/search forward for radio stations.

18 ⬇ **button**
Press the button to toggle through the options/fine-tune a radio station.

19 **MODE button**
Press the button to toggle through the available signal sources (FM, AUX, UPnP and USB). Press and hold down the button for 3 seconds to switch between stand-by and active.

20 **ENTER button**
Press the button to open the desired menu/confirm settings.

Backside
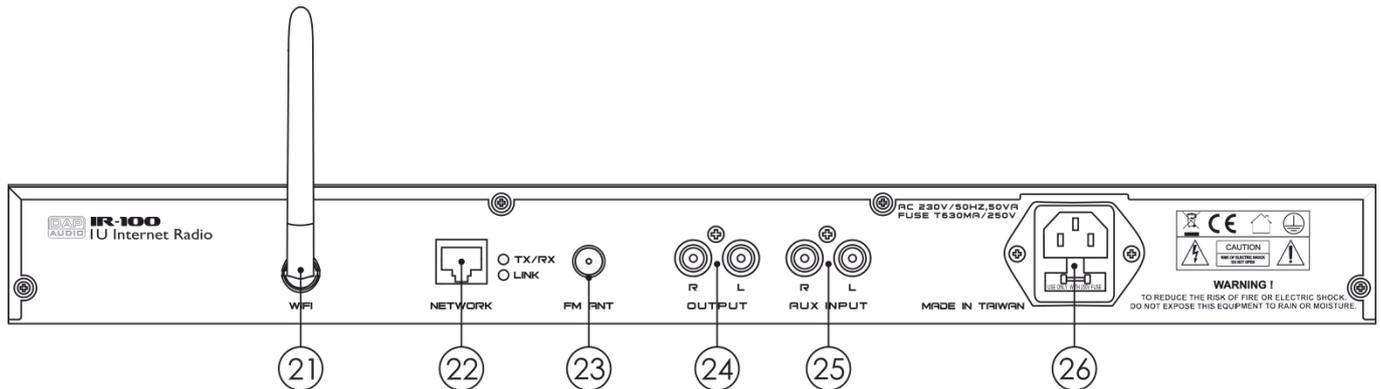
Fig. 05

21 **Wi-Fi antenna connector**
Connect the included Wi-Fi antenna.

22 **RJ45 connector - IN**
Connect the IR-100 to your wired network.

23 **FM antenna connector**
Connect the included FM antenna.

24 **RCA OUT**
Connect the device to the line input on your mixer.

25 **Recording device – RCA IN**
Connect an external music source, for example an MP3 player or a mobile device. Please note, that it is not possible to connect your external devices to both **inputs (3/25)** at the same time. Always use only one input at a time.

26 **IEC power connector 240V + Fuse T630mAL/250V**
Connect the device to the appropriate power supply.

Remote Control
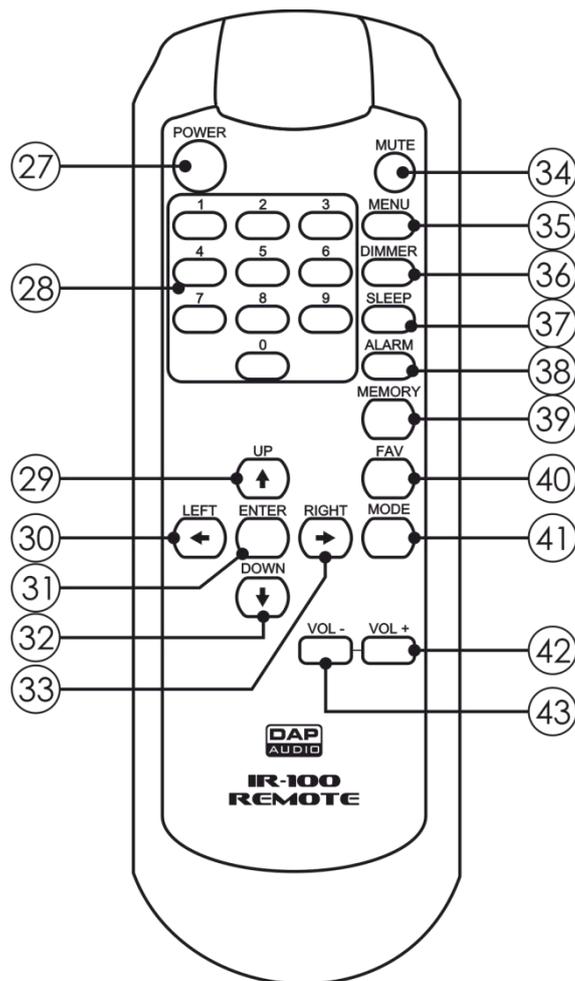
㉗ **POWER button**
Press the button to activate/deactivate the stand-by mode.

㉘ **Preset buttons**
Press the button(s) to recall the desired radio preset.

㉙ ↑ **button**
Press the button to toggle through the options/fine-tune a radio station.

㉚ ← **button**
Press this button to return to the previous menu/toggle through the options/search backward for radio stations.

㉛ **ENTER button**
Press the button to open the desired menu/confirm settings.

㉜ ↓ **button**
Press the button to toggle through the options/fine-tune a radio station.

㉝ → **button**
Press this button to proceed to the next menu/toggle through the options/search forward for radio stations.

㉞ **MUTE button**
Press the button to mute the output.

㉟ **MENU button**
Press the button to return to the main menu.

㊱ **DIMMER button**
Press the button to darken/brighten the LCD display.

㊲ **SLEEP button**
Repeatedly press the button to set the amount of time after which the device will turn off. The available settings are: OFF, 15, 30, 60, 90, 120, 150 and 180 minutes.

㊳ **ALARM button**
Press the button to open Alarm menu.

㊴ **MEMORY button**
Press the button to open radio preset storing menu.

㊵ **FAV button**
Press the button to open the list of radio presets.

㊶ **MODE button**
Press the button to toggle through the available modes. Press and hold down the button for 3 seconds to switch between analog/digital clock modes.

㊷ **VOL (+) button**
Press the button to turn up the volume.

㊸ **VOL (-) button**
Press this button to lower the volume.

Installation

Remove all packing materials from the IR-100. Check if all foam and plastic padding is removed. Secure the equipment into a 19" rack, if preferred. Connect all cables.

Always disconnect from electric mains power supply before cleaning or servicing.
Damages caused by non-observance are not subject to warranty.

Set Up and Operation

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 115V specification product on 230V power, or vice versa.

01) Upon start-up, the device will search for the available Wi-Fi networks.

02) Once the search is finished, press the ⬆⬇ buttons **(16/18/29/32)** to select the desired network and press the **ENTER button (20/31)** to confirm.

03) Enter the Wi-Fi password to gain access to the network.
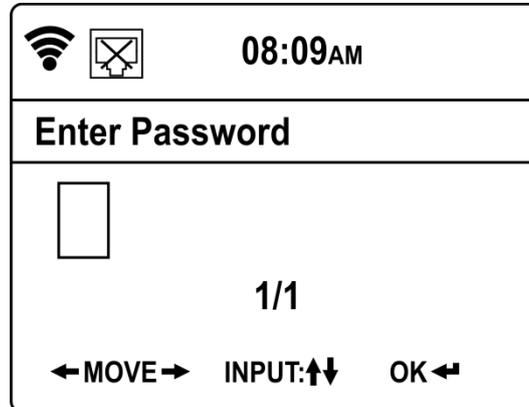
04) Press the ⬅➡ buttons **(15/17/30/33)** to select the desired character.

05) Press the ⬆⬇ buttons **(16/18/29/32)** to assign the desired symbol to the previously chosen character.

06) Press the **ENTER button (20/31)** to confirm.

07) The device is now connected to your network and ready for use.

Main Menu Options

There are 7 menus:
- 1. Local Radio
- 2. Internet Radio
- 3. Media Center
- 4. FM
- 5. Information Center
- 6. AUX
- 7. Configuration

01) Press the ⬅➡ buttons **(15/17/30/33)** or turn the **control (06)** to choose the desired menu.

02) Press the **ENTER button (20/31)** or press the **control (06)** to open the selected menu.
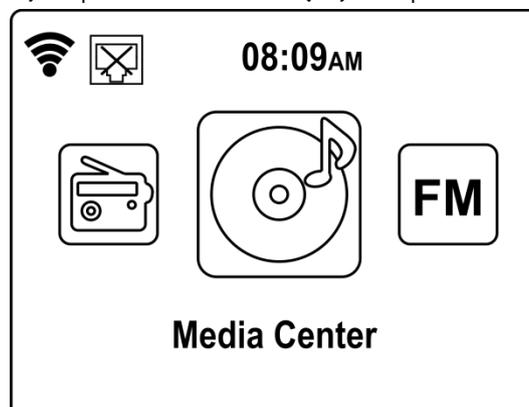
1. Local Radio

With this menu you can choose your desired local radio station.

01) Press the ⬆⬇ buttons (16/18/29/32) to choose your country/region and press the **ENTER button (20/31)** to confirm.

02) Press the ⬆⬇ buttons (16/18/29/32) to choose your desired genre (Alternative, Ambient, Blues, etc.) and press the **ENTER button (20/31)** to confirm.

03) Press the ⬆⬇ buttons (16/18/29/32) to choose your desired radio station.

04) Once you have made your choice, press the ➡ **button (17/33)** to open the submenu. Now you have 3 options to choose from:
- **Add to My Favorite**
- **Auto Scan**
- **Play**

1.1. Add to My Favorite

With this menu it is possible to save your radio stations.

01) Press the **ENTER button (20/31)** to open the menu.

02) Press the ⬆⬇ buttons (16/18/29/32) to select one of the 6 slots, in which you can save your radio station.

03) Press the **ENTER button (20/31)** to store your radio station.

1.2. Auto Scan

With this menu it is possible to search for radio stations.

01) Press the **ENTER button (20/31)** to open the menu.

02) Press the ⬆⬇ buttons (16/18/29/32) to select the desired radio station.

03) The currently selected radio station will be activated automatically.

1.3. Play

With this menu it is possible to activate desired radio stations.

01) Press the **ENTER button (20/31)** to activate the selected radio station.

02) When your radio station is active, press the ➡ **button (17/33)** to view the information, such as the name of the radio station and the title of the currently played music.

2. Internet Radio

With this menu you can view and adjust the settings of your internet radio.

01) Press the ⬆⬇ buttons (16/18/29/32) to choose one of the following submenus:
- **My Favorite**
- **Radio Station/Music**
- **Local Radio**
- **History**
- **Service**

02) Press the **ENTER button (20/31)** to open the desired menu.

2.1. My Favorite

With this menu it is possible to toggle through the favorite radio stations.

01) Press the ⬆⬇ buttons (16/18/29/32) to toggle through the previously saved radio stations.

02) Once you have made your choice, press the **ENTER button (20/31)** to activate the selected radio station.

2.2. Radio Station/Music
With this menu it is possible to search for radio stations from all over the world.
01) Press the ⬆⬇ buttons (16/18/29/32) to select the options in this menu.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) It is possible to search for radio stations by genre, continent and country.
04) Once you have made your choice, press the **ENTER button (20/31)** to activate the selected radio station.

2.3. Local Radio
See 1. Local Radio, page 13.

2.4. History
With this menu it is possible to select the recently selected radio stations.
01) Press the **ENTER button (20/31)** to open the menu.
02) Press the ⬆⬇ buttons (16/18/29/32) to select one of the recently used radio stations.
03) Press the **ENTER button (20/31)** to activate the desired radio station.

2.5. Service
With this menu it is possible to search for/add radio stations.
01) Press the **ENTER button (20/31)** to open the menu.
02) Press the ⬆⬇ buttons (16/18/29/32) to select one of the 2 options:
- **Search Radio Station**
- **Add New Radio Station**

Search Radio Station
01) Press the ⬅➡ buttons (15/17/30/33) to select the desired character.
02) Press the ⬆⬇ buttons (16/18/29/32) to assign the desired symbol to the previously chosen character, in order to insert the name of the desired radio station.
03) Press the **ENTER button (20/31)** to start searching.
04) When the device shows the name of the radio station, press the **ENTER button (20/31)** to activate it.

Add New Radio Station
01) Press the ⬅➡ buttons (15/17/30/33) to select the desired character.
02) Press the ⬆⬇ buttons (16/18/29/32) to assign the desired symbol to the previously chosen character, in order to insert the URL of the desired internet radio station.
03) Press the **ENTER button (20/31)** to proceed.
04) Press the ⬆⬇ buttons (16/18/29/32) to select one of the 7 slots, in which you want to save your internet radio station.
05) Press the **ENTER button (20/31)** to confirm.

3. Media Center
With this menu it is possible to connect various external devices to your IR-100.

01) Press the ⬆⬇ buttons (16/18/29/32) to choose one of the following submenus:
- USB
- UPnP
- My Playlist
- Clear My Playlist

02) Press the **ENTER button (20/31)** to open the desired menu.

3.1. USB
With this menu you can play your own music, stored on a USB flash drive.
01) Insert a USB flash drive, containing MP3 files, into the **USB slot (04)**.
02) The IR-100 will display the content of the USB flash drive.
03) Press the ⬆⬇ buttons (16/18/29/32) to browse through the folders/files.
04) Once you have chosen the desired music file, press the ➡ **button (17/33)** to proceed to the submenu.
05) Press the ⬆⬇ buttons (16/18/29/32) to choose between Delete and Play.
06) Press the **ENTER button (20/31)** to confirm your choice.

3.2. UPnP
With this menu it is possible to play media files, stored in an external device, by means of the UPnP (Universal Plug and Play) functionality.
01) The display will show the name of the currently active UPnP devices.
02) Press the ⬆⬇ buttons (16/18/29/32) to browse through the devices.
03) Press the **ENTER button (20/31)** to access the desired device.

3.3. My Playlist
The playlist can be filled via UPnP connection (via UPnP server). Apart from a UPnP server, you can also use a NAS server (configured as UPnP), which you can use for streaming your mp3 files.

3.4. Clear My Playlist
With this menu you can clear your playlist.
01) Press the ⬅➡ buttons (15/17/30/33) to choose YES (clear the playlist) or NO (return to the menu).
02) Press the **ENTER button (20/31)** to confirm your choice.

4. FM

With this menu it is possible to search for and store local radio stations.

01) Press the ← → buttons (15/17/30/33) to start auto search. The search will stop as soon as the device has found a radio signal which is strong enough. Press the buttons again, to manually stop the search.
02) Press the ↑ ↓ buttons (16/18/29/32) to fine-tune the newly found radio station.
03) Press and hold down the **FAV button (14/40)** for 3 seconds or press the **MEMORY button (39)** to proceed to saving.
04) Press the ↑ ↓ buttons (16/18/29/32) to choose the preset which you want to save your radio station in.
05) Press the **ENTER button (20/31)** to save the radio station.
06) Press the **FAV button (14/40)** to enter the list of presets.
07) Press the ↑ ↓ buttons (16/18/29/32) to choose the desired preset.
08) Press the **ENTER button (20/31)** to activate the preset.

5. Information Center

With this menu it is possible to view weather, financial and system information.

01) Press the ↑ ↓ buttons (16/18/29/32) to choose one of the 3 menus:
- **Weather Information**
- **Financial Information**
- **System Information**

02) Press the **ENTER button (20/31)** to enter the desired menu.

5.1. Weather Information

With this menu it is possible to view the weather information from all over the world.

01) Press the ↑ ↓ buttons (16/18/29/32) to choose the continent, the weather of which you would like to check.
02) Press the **ENTER button (20/31)** to confirm.
03) Repeat steps 1-2, to choose the desired countries and cities, in order to check the current weather information.

5.2. Financial Information

With this menu it is possible to view the current situation on the stock exchange markets from all over the world.

01) Press the ↑ ↓ buttons (16/18/29/32) to browse through the most important stock echange markets.

5.3. System Information

With this menu it is possible to view information concerning the software version and the wireless/wired network parameters.

01) Press the ↑ ↓ buttons (16/18/29/32) to browse through the following 3 menus:
- **Version**
- **Wireless Info**
- **Wired Info**

Version

Here, you can view the current software version.

Wired/Wireless Info

01) Press the ↑ ↓ buttons (16/18/29/32) to choose either Wireless Info or Wired Info and press the **ENTER button (20/31)** to open the menu.
02) Now, you can view such pieces of information as your network status, MAC address, SSID, IP address, subnet, gateway, DNS1 and DNS2.

6. AUX

With this menu it is possible to connect an external music source, for example an MP3 player or other mobile devices, to the IR-100.

7. Configuration

With this menu it is possible to adjust many important settings.

01) Press the ⬆⬇ buttons (16/18/29/32) to browse through the following 21 menus:
- **Mode**
- **Manage My MediaU**
- **Network**
- **Date & Time**
- **Alarm**
- **Timer**
- **Language**
- **Dimmer**
- **Display**
- **Power Management**
- **Sleep Timer**
- **Buffer**
- **Weather**
- **FM Setup**
- **Local Radio Setup**
- **Playback Setup**
- **DLNA Setup**
- **Equaliser**
- **Resume When Power On**
- **Software Update**
- **Reset to Default**

02) Press the **ENTER button (20/31)** to enter the desired menu.

7.1. Mode

With this menu you can choose whether you want to use the IR-100 as an internet radio or switch it to stand-by mode.

01) Press the ⬆⬇ buttons (16/18/29/32) to choose either Internet Radio or Clock Radio.
02) If you have chosen Clock Radio, the device will enter stand-by mode and the display will show the current time.
03) Press and hold down the **MODE button (19/41)** for 3 seconds. The device will return to the main menu.

7.2. Manage My MediaU

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between Enable and Disable.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) In order to be able to use this function, it is necessary to create an account at www.mediayou.net.
04) On the website, add your favorite radio stations and insert your IR-100's device number. The device's serial number usually stands for the device's MAC address. In order to find your MAC address, see **5.3. System Information**, page 16.
05) Having inserted your IR-100's device name and the MAC address, click on the SAVE/STORE button on the website.
06) Remain logged in.
07) Restart your IR-100. Wait for 3-5 minutes.
08) When you now enter Manage My MediaU, you will see all the settings which you have previously set on the website (favorite station/favorite location-genre/my local station/manually add).
09) It is possible to pair multiple accounts with the IR-100.

7.3. Network

With this menu it is possible to adjust the network settings of the IR-100.

01) Press the ⬆⬇ buttons (16/18/29/32) to browse through the following menus:
- **Wired Network Configuration**
- **Wireless Network Configuration**
- **Wireless Network (WPS PBC)**
- **Manual Configuration**
- **Check Network when Power On**

02) Press the **ENTER button (20/31)** to enter the desired menu.

Wired Network Configuration

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between Enable and Disable.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) If you have chosen Enable, the device will attempt to connect to your wired network.

Wireless Network Configuration

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between Enable and Disable.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) If you have chosen Enable, the device will attempt to connect to your wireless network.
04) Enter the Wi-Fi password to gain access to your network (see page 12).

Wireless Network (WPS PBC)

01) Press the WPS button on your router within 120 seconds after switching this option ON.
02) The device will now attempt to establish an internet connection.

Manual Configuration

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between Wired and Wireless.
02) If you have chosen Wired, press the **ENTER button (20/31)** to open the menu.
03) Press the ⬆⬇ buttons (16/18/29/32) to choose between DHCP ON and DHCP OFF.
04) Press the **ENTER button (20/31)** to confirm your choice.
05) If you have chosen DHCP ON, the device will attempt to connect to your wired network.
06) If you have chosen DHCP OFF, you will need to enter all the data manually (IP address, subnet mask, gateway, preferred and alternate DNS servers).
07) Press the ⬅➡ buttons (15/17/30/33) to select the desired section of a given parameter.
08) Press the ⬆⬇ buttons (16/18/29/32) to set the value of a given parameter.
09) Press the **ENTER button (20/31)** to toggle through the parameters.
10) Once you have edited all the parameters, the device will attempt to connect to the network.
11) Return to step 1, choose Wireless and press the **ENTER button (20/31)** to open the menu.
12) Press the ⬆⬇ buttons (16/18/29/32) to toggle between the following menus:
- **DHCP**
- **Enter SSID**
- **Manage**

13) If you have chosen DHCP, press the **ENTER button (20/31)** to open the menu.
14) Repeat steps 5-10.
15) Return to step 12 and choose Enter SSID. Press the **ENTER button (20/31)** to open the menu.
16) Enter your SSID password, in order to give your wireless network a unique SSID name.
17) Press the ⬅➡ buttons (15/17/30/33) to select the character.
18) Press the ⬆⬇ buttons (16/18/29/32) to assign the desired symbol to the chosen character.
19) Press the **ENTER button (20/31)** to confirm.
20) Return to step 12 and choose Manage. Press the **ENTER button (20/31)** to open the menu.
21) Press the ⬅➡ buttons (15/17/30/33) to choose Yes or No. Press the **ENTER button (20/31)** to confirm your choice.
22) If you have chosen Yes, your current wireless network will be deleted.

Check Network when Power On

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between Enable and Disable.

02) Press the **ENTER button (20/31)** to confirm your choice.

03) If you have chosen Enable, the device will try to connect to your network, immediately upon start-up.

7.4. Date & Time

With this menu it is possible to adjust the time settings of the IR-100.

01) Press the ⬆⬇ buttons (16/18/29/32) to choose one of the 4 menus:

- **Set Date and Time**
- **Set Time Format**
- **Set Date Format**
- **Daylight Saving Time (DST)**

02) Press the **ENTER button (20/31)** to open the desired menu.

Set Date and Time

01) Press the ⬆⬇ buttons (16/18/29/32) to choose Manual Setup or Auto Detect.

02) Press the **ENTER button (20/31)** to open the menu.

03) If you have chosen Manual Setup, press the ⬅➡ buttons (15/17/30/33) (to toggle between day, month, year, hour and minutes) and the ⬆⬇ buttons (16/18/29/32) (to edit the values).

04) Press the **ENTER button (20/31)** to store changes.

05) If you have chosen Auto Detect, the device will automatically set the correct time and date.

Set Time Format

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between 12-hour and 24-hour time display mode.

02) Press the **ENTER button (20/31)** to confirm your choice.

Set Date Format

01) Press the ⬆⬇ buttons (16/18/29/32) to choose one of the 3 time display modes:

- **YYYY/MM/DD**
- **DD/MM/YYYY**
- **MM/DD/YYYY**

02) Press the **ENTER button (20/31)** to confirm your choice.

Daylight Saving Time (DST)

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between ON and OFF

02) Press the **ENTER button (20/31)** to confirm your choice.

03) If you have chosen ON, the device, will set the clock forward in the summer and backward in the winter.

7.5. Alarm

01) Press the ⬆⬇ buttons (16/18/29/32) to toggle between the following options:
- **Alarm 1**
- **Alarm 2**
- **NAP Alarm**
- **Alarm Volume**

02) Press the **ENTER button (20/31)** to open the desired menu.

Alarm 1 and Alarm 2

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between Turn On and Turn Off.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) If you have chosen Turn On, the display will show the following 3 options:
- **Repeat**
- **Time**
- **Sound**

04) Press the ⬆⬇ buttons (16/18/29/32) to select the desired menu. Press the the **ENTER button (20/31)** to open.
05) If you have chosen Repeat, while in step 4, press the ⬆⬇ buttons (16/18/29/32) to select how often the alarm should go off: once, every day or on particular days of the week (Monday-Sunday).
06) Press the **ENTER button (20/31)** to confirm your choice.
07) If you have chosen Time, while in step 4, press the ⬅➡ buttons (15/17/30/33) to toggle between hours and minutes. Press the ⬆⬇ buttons (16/18/29/32) to set time.
08) Press the **ENTER button (20/31)** to confirm your choice.
09) If you have chosen Sound, while in step 4, press the ⬆⬇ buttons (16/18/29/32) to select the alarm source. The are 4 available options: Beep, Melody, Internet Radio and FM radio.
10) Press the **ENTER button (20/31)** to confirm your choice.
11) The alarm will go off at the preset time.

NAP Alarm

01) Press the ⬆⬇ buttons (16/18/29/32) to set the amount of time which needs to pass before the device enters stand-by mode. The available options are: 5, 10, 20, 30, 60, 90 and 120 minutes.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) The NAP alarm will activate after the preset time.

Alarm Volume

01) Press the ⬅➡ buttons (15/17/30/33) or turn the **control (06)** to the left or right, in order to decrease/increase the alarm volume.

7.6. Timer

01) Press the ⬆⬇ buttons (16/18/29/32) and the ⬅➡ buttons (15/17/30/33) to set the timer.
02) Once the timer has been set, press the **ENTER button (20/31)** to start countdown.

7.7. Language

01) Press the ⬆⬇ buttons (16/18/29/32) to select the desired language version. The available languages are: English, German, Spanish, French, Portuguese, Dutch, Italian, Russian, Swedish, Norwegian, Danish, Hungarian, Czech, Slovak, Polish, Turkish and Finnish.
02) Press the **ENTER button (20/31)** to confirm your choice.

7.8. Dimmer

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between Power Saving and Turn On.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) If you have chosen Power Saving, the display will darken.
04) If you have chosen Turn On, the display will remain bright.

DAP AUDIO

7.9. Display
01) Press the ⬆⬇ **buttons (16/18/29/32)** to choose between Color and Monochrome.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) If you have chosen Color, the display will use multiple colors.
04) If you have chosen Monochrome, the display will use greyscale.

7.10. Power Management
01) Press the ⬆⬇ **buttons (16/18/29/32)** to choose between Turn Off, 5, 15 and 30 minutes.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) The device will enter stand-by mode, if no button is pressed within the preset amount of time.

7.11. Sleep Timer
01) Press the ⬆⬇ **buttons (16/18/29/32)** to choose between Turn Off, 15, 30, 60, 90, 120, 150 and 180 minutes.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) The device will enter stand-by mode, once the preset amount of time has passed.

7.12. Buffer
01) Press the ⬆⬇ **buttons (16/18/29/32)** to choose one of the buffers: 2, 4 and 8 seconds.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) In case of a Wi-Fi connection error, the IR-100 will keep on working as it saves the Internet data in advance, in order to ensure undisrupted performance.

7.13. Weather
01) Press the ⬆⬇ **buttons (16/18/29/32)** to choose one of the following 3 options:
- **Set Location**
- **Temperature Unit**
- **Show on Standby**

02) Press the **ENTER button (20/31)** to confirm your choice.

Set Location
01) Press the ⬆⬇ **buttons (16/18/29/32)** to choose the continent and press the **ENTER button (20/31)** to confirm your choice.
02) Repeat step 1 in order to choose the desired countries and cities.

Temperature Unit
01) Press the ⬆⬇ **buttons (16/18/29/32)** to choose between the two units of temperature: Celsius or Fahrenheit.
02) Press the **ENTER button (20/31)** to confirm your choice.

Show on Standby
01) Press the ⬆⬇ **buttons (16/18/29/32)** to choose between Off and On.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) If you have chosen On, the device will display the weather information, while in stand-by mode.

7.14. FM Setup

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between Mode and Threshold.

02) Press the **ENTER button (20/31)** to confirm your choice.

Mode

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between Mono and Stereo.

02) Press the **ENTER button (20/31)** to confirm your choice.

Threshold

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between Seek Threshold and Stereo Threshold.

02) Press the **ENTER button (20/31)** to confirm your choice.

03) Both options have the same menu. Press the ⬆⬇ buttons (16/18/29/32) to choose Strong, Default or Weak.

7.15. Local Radio Setup

01) Press the ⬆⬇ buttons (16/18/29/32) to choose one of the following 3 options:
- **Manual Setup (Country)**
- **Manual Setup (City)**
- **Auto Detect**

Manual Setup (Country)

01) Press the ⬆⬇ buttons (16/18/29/32) to choose the continent and press the **ENTER button (20/31)** to confirm your choice.

02) Repeat step 1 in order to choose the desired country.

03) Press the **ENTER button (20/31)** again, to save as local radio.

04) Press the ⬆⬇ buttons (16/18/29/32) to choose the desired genre and press the **ENTER button (20/31)** to confirm your choice.

05) Press the ⬆⬇ buttons (16/18/29/32) to choose the desired radio station and press the **ENTER button (20/31)** to confirm your choice.

Manual Setup (City)

01) Press the ⬆⬇ buttons (16/18/29/32) to choose the continent and press the **ENTER button (20/31)** to confirm your choice.

02) Repeat step 1 in order to choose the desired country.

03) Press the ⬆⬇ buttons (16/18/29/32) to choose the desired city and press the **ENTER button (20/31)** to confirm your choice.

04) Press the **ENTER button (20/31)** again, to save as local radio.

05) Press the ⬆⬇ buttons (16/18/29/32) to choose the desired radio station and press the **ENTER button (20/31)** to confirm your choice.

Auto Detect

01) The device will automatically search for the closest radio stations.

02) Press the ⬆⬇ buttons (16/18/29/32) to choose the desired genre and press the **ENTER button (20/31)** to confirm your choice.

03) Press the ⬆⬇ buttons (16/18/29/32) to choose the desired radio station and press the **ENTER button (20/31)** to confirm your choice.

7.16. Playback Setup

01) Press the ⬆⬇ buttons (16/18/29/32) to choose one of the following 4 options:
- **Off** (normal playback)
- **Repeat all** (repeat all media files)
- **Repeat one** (repeat one media file)
- **Shuffle** (play random media files)

02) Press the **ENTER button (20/31)** to confirm your choice.

7.17. DLNA Setup

01) Press the **ENTER button (20/31)** to give your device a new DLNA name.
02) Press the ⬅➡ buttons (15/17/30/33) to select the desired character.
03) Press the ⬆⬇ buttons (16/18/29/32) to assign the desired symbol to the selected character.
04) Press the **ENTER button (20/31)** to store changes.

7.18. Equaliser

01) Press the ⬆⬇ buttons (16/18/29/32) to choose one of the available equaliser presets: Normal, Flat, Jazz, Rock, Soundtracks, Classical, Pop, News.
02) Press the **ENTER button (20/31)** to confirm your choice.

7.19. Resume When Power On

01) Press the ⬆⬇ buttons (16/18/29/32) to choose between On and Off.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) If you have chosen On, the device will automatically resume its last operation upon the next start-up.

7.20. Software Update

Do not perform software updates by yourself. Always refer to a qualified technician.

7.21. Reset to Default

01) Press the ⬅➡ buttons (15/17/30/33) to choose between YES and NO.
02) Press the **ENTER button (20/31)** to confirm your choice.
03) If you have chosen YES, the device willl restore the default settings.
04) If you have chosen NO, the device will return to the menu.

Maintenance

The DAP Audio IR-100 requires almost no maintenance. However, you should keep the unit clean. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Do not use alcohol or solvents.
Keep connections clean. Disconnect electric power, and then wipe the audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

Replacing the Fuse

Power surges, short-circuit or inappropriate electrical power supply may cause a fuse to burn out. If the fuse burns out, the product will not function whatsoever. If this happens, follow the directions below.
01) Unplug the unit from electric power source.
02) Insert a screwdriver into the slot in the fuse cover. Gently pry up the fuse cover. The fuse will come out.
03) Remove the used fuse. If brown or unclear, it is burned out.
04) Insert the replacement fuse into the holder where the old fuse was. Reinsert the fuse cover. Be sure to use a fuse of the same type and specification. See the product specification label for details.

Troubleshooting

DAP Audio IR-100
This troubleshooting guide is meant to help solve simple problems. If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.
01) If the device does not operate properly, unplug the device.
02) Check power from the wall, all cables, connections, etc.
03) Replace the fuse. See page 24 for replacing the fuse.
04) If all of the above appears to be O.K., plug the unit in again.
05) If nothing happens after 30 seconds, unplug the device.
06) Return the device to your DAP Audio dealer.

DAP
AUDIO

Product Specifications

General
- Input voltage: 230V AC, 60/50 Hz
- Power consumption: 50W
- Fuse: T630mAL/250V
- Dimensions: 482 x 200 x 44 mm (LxWxH)
                  19" x 1HE (LxH)
- Weight: 2,3 kg

Internet radio
- Features: Favorites, Genre, Local, Search, DNLA tuner
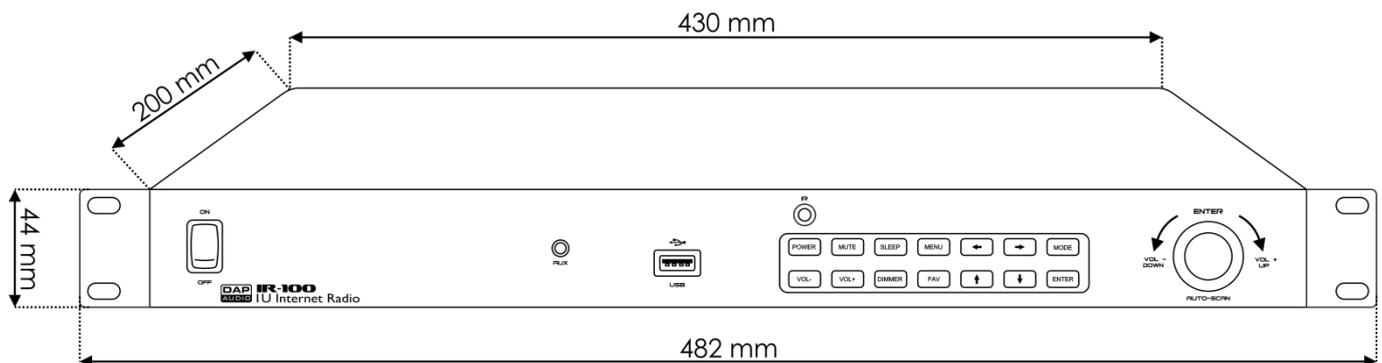- FM band: 87,5-108 MHz
- Presets: 5

Media player
- Source: USB type A
- Supported files: MP3, WMA
- Format: FAT32, 32GB
- Playback: Program, Repeat, Continuous

Output
- Output level: 1,2 V +/- 2 dB
- THD: < 0,1% at 1 kHz
- S/N Ratio: > 70dB at 1 kHz

Connections
- AUX IN: 3,5 mm jack & RCA
- Output: RCA
- Antenna: 75 Ohm antenna terminal socket
- Network: Wi-Fi & RJ45

Design and product specifications are subject to change without prior notice.

CE

Website: www.Dap-audio.info
Email: service@highlite.nl

26