NOXON
NOVA II

User Manual

Thank you very much for buying the NOXON NOVA II. 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.

Table of Contents

1. Network Requirement

- A broadband connection in combination with a wired/wireless access point, router or similar network device.
- The network device needs to support Ethernet (LAN) wired connection or WiFi (802.11 b/g/n) wireless connection.
- PC, tablet or smartphone with network connected. This network has to be the same one as the NOXON NOVA II equipped with.

2. Safety Precaution

General

- Do not drop the NOXON NOVA II and do not expose it to liquid, moisture or humidity. These might lead to damage to the device.
- If the NOXON NOVA II 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 NOXON NOVA II in the dust environment as dust can damage the interior electronic components and lead to malfunctions in the device.
- Protect the NOXON NOVA II from strong vibrations and place it on stable surfaces.
- Do not attempt to disassembly the NOXON NOVA II.
- If the NOXON NOVA II 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 NOXON NOVA II.
- The socket outlet should be installed near the NOXON NOVA II 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 NOXON NOVA II and its power plug is corresponding to the voltage of the power socket. Incorrect voltage will destroy the device.

Risks associated with high volumes

- While listening the NOXON NOVA II with headphones, always reduce the volume before put on the headphones. After the headphones are positioned properly, increase the volume to

the desired level.
- To prevent possible hearing damage, do not listen at high volume for long periods.

Maintenance / cleaning
- Always power off the NOXON NOVA II when cleaning it.
- Never use any harsh or strong solvents to clean the NOXON NOVA II since these may damage the surface of the device. Dry, soft cloth is appropriate, however, if the NOXON NOVA II 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 NOXON NOVA II, store it in its original package. Save the package for this purpose.

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,contrace 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 be taken to your public .collection points for disposal.Respect the environment.Old batteries must bot 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.

3. Appearance and Key Descriptions
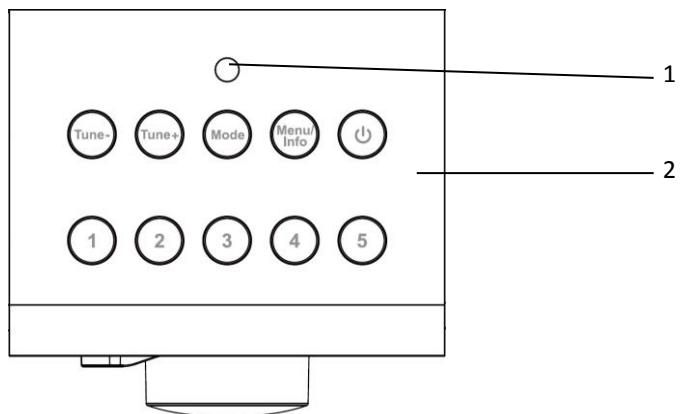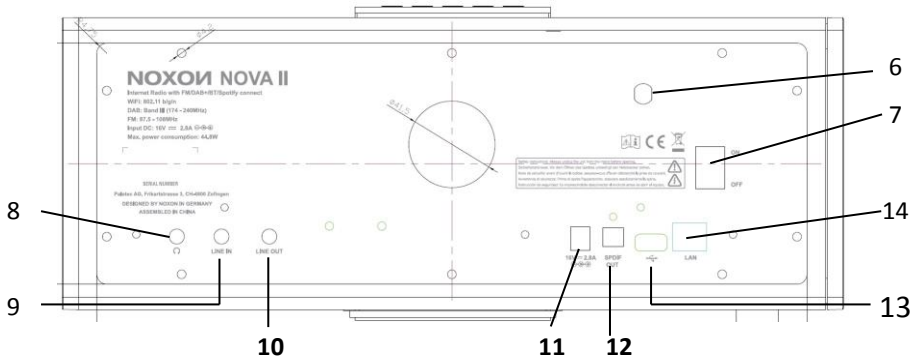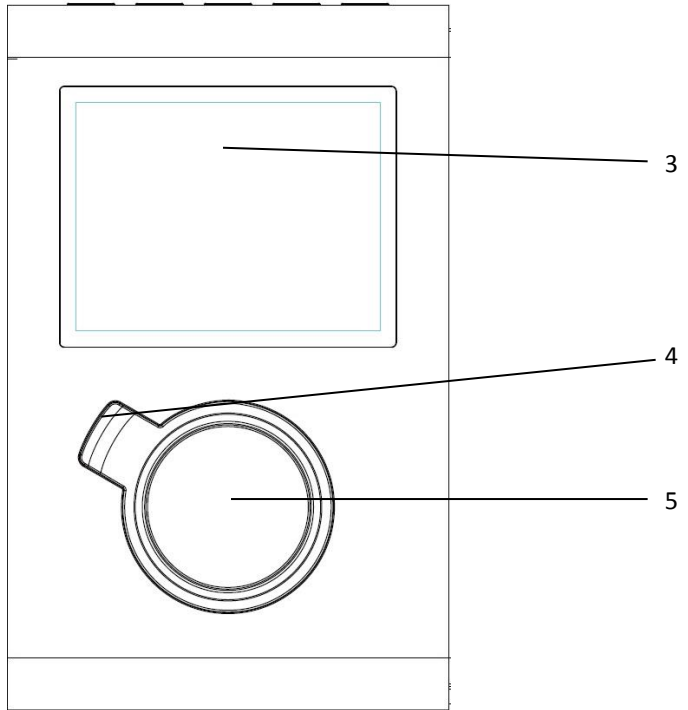
No.	Description	Functions
1	Ambient light senor	Receives ambient light from the environment
2	Buttons	Standby, Menu/Info, Mode, Tune-, Tune + and 5 preset buttons
3	3.2" TFT Screen	Color display
4	Back button	Back function
5	Reel	Volume / Navigate / Press to OK

6	Antenna socket	F-connector antenna
7	On/Off switch	Power On/off
8	Earphone socket	3.5mm socket for earphone connection
9	Line In	3.5mm socket for speaker connection
10	Line Out	3.5mm socket for speaker connection
11	DC IN	Power supply
12	SPDIF OUT	SPDIF socket for audio in connection to Hi-Fi system
13	USB port	Plug the USB drive, portable hard disk or MP3 player for music playback (no charging function)
14	LAN socket	Ethernet connection

Remote Controller

Use your thumb to press the lid of the battery compartment and pull it out. Install a CR2025 type 3V battery into the battery compartment, taking care to insert it with the positive (+) side up.

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

Warning
Do not ingest the battery, Chemical Burn Hazard
(The remote control supplied with) This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
Keep new and used batteries away from children.
If the battery compartment does not close securely, stop using the product and keep it away from children.
If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Suggestion:

- Never attempt to recharge or open the battery. Explosion hazard.
- Never damage or warp the battery.
- Never throw batteries into an open fire or expose them to high temperatures.
- Failure to observe these guidelines may cause fluid to escape from the battery, which can cause skin irritation.
  In case of contact:

- Wash off the fluid with plenty of clear water
- Do to rub your eyes. Instead, rise eyes with plenty of water for 10minutes and seek immediate medical attention.
- Only use batteries of the same or an equivalent type. Explosion hazard.
- Remote the batteries from the battery compartment as soon as they are empty, or if you do not intend to use the device for a long period of time.
- If the battery compartment does not close securely, stop using the product and attention should be drawn to the environmental aspects of battery disposal.

4.   Getting Started

The items enclosed in the packaging box are as follows:
- NOXON NOVA II unit
- Power adaptor
- Remote Control
- FM/DAB telescopic antenna
- Audio cable with 3.5mm jack at both ends
- User manual

Connect the power adaptor to the back of NOXON NOVA II and plug it into power socket.

Get the network environment ready
- *For wireless WiFi*
  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 NOXON NOVA II. Check if the light indicators on the network device are in appropriate status.

Switch it on from NOXON NOVA II.

At the first time operation, system asks if you want to start the Setup Wizard. Select **YES** to continue the setup. Details of the Setup Wizard can be referred to Section 5.2.1 below. After choosing **NO**, the next screen asks if you would like to run the wizard next time NOXON NOVA II is started.

NOXON NOVA II will automatically connect to the network that was set before when power on to Internet Radio again. In case you desire to change the network, enter *System Setting* to configure the corresponding connection. Refer to Section 5.2.1 and 5.2.3.

Press   ⏻   on the device/remote control to enter operation mode, press again to enter standby mode.   Time, date and any active alarm times will be displayed on the screen.
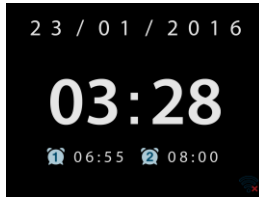
Press +/- on the remote control or rotate the volume control on the device to adjust the volume. If you wish to switch the sound off, press MUTE, press again to resume audio listening.

Music Sharing from PC
- To share the music files from PC, follow the steps below:
    - Connect the PC to the network.
    - Ensure the device is powered on and connected to the same network.
    - Open the UPnP platform *Windows Media Player* (version 11 or later). Alternatively, other platforms or server such as *Windows Media Connection* may be used.
    - Allow to share your media to **NOXON NOVA II XXXXXXXXXXXX**, which is the device name for music streaming.
    - Add the audio files and folders you want to share with NOXON NOVA II to the media library.

5. NOXON NOVA II Functions
## 5.1   Main Menu
Under the main menu, you can select the following modes: Internet Radio, Spotify Connect, Media Player, DAB, FM, Bluetooth, AUX IN, Sleep and Alarm. Alternatively, press **MODE** to enter main page, move to the mode by rotating the reel or press ↑ or ↓ on the remote control.
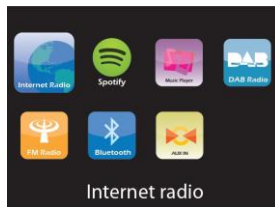
5.2 System Settings
Under the operation mode, press and hold **Menu/Info** on the device or press **MENU** on the remote control to go to the main menu, choose System Settings to go to the below setting.

5.2.1 Setup Wizard

Setup wizard

Start now?

YES   NO
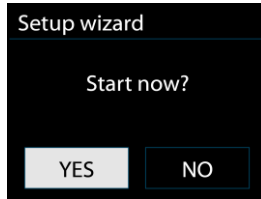
- Time/date

Display format

Select 12 or 24 as the time format.

Auto-update

The time and date can be updated manually or automatically from DAB, FM or network.

Auto-update works with data sent over DAB, FM or the Internet. The clock is only updated when in a corresponding mode, so it is best to select a mode you use regularly.

DAB and FM use time signals broadcast with radio transmissions. Network uses a time signal sent from the Internet radio portal when in any network-connected mode.

Time zone, daylight

Set your time zone. If you country uses daylight saving and it is in effect, turn on the Daylight savings option.

Manual update

If you set No update, the wizard prompts you to set the time and date manually. The date and time are displayed as dd-mm-yyyy and hh:mm.

The active value appears as flashing. Adjust each value with the navigate reel or $\uparrow$ / $\downarrow$ on the remote control. Once the value is set, press the reel or OK on the remote control to continue setting with next value.

- Network

Wlan region

Select the Wlan region to obtain the optimal Wlan connectivity: Europe, Canada, Spain, France, Japan, Singapore, Australia, and Republic of Korea.

Scanning for the network

NOXON NOVA II is compatible with all common network protocols and encryption methods. It searches for the available networks and list them out for you choose.

There will be hints for the type of network – if your network device supports WPS function, it will be **[WPS]** before the SSID (the name of network device). Select the one you want to connect.

For the wireless connection, you will be asked for input encryption in the next step.

Standard encrypted network
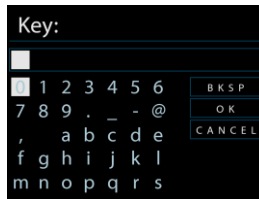
To enter the network's key, use the navigate reel or direction keys on the remote control to move the cursor through the characters and press the reel or ENTER (SCAN) on the remote control to confirm. As each character is selected, the key is built up near the top of the display.

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

WPS encrypted network

WPS encrypted networks are identified by **WPS** at the start of the network name when the NOXON NOVA II searches the available AP. Use one of the following methods of connection:
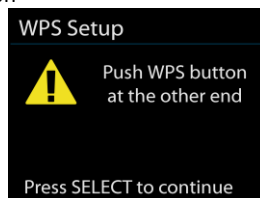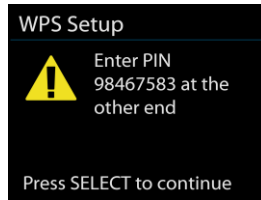
　　o　　Push button

NOXON NOVA II prompts you to press the connect button on the router. It then scans for a ready Push Button Connect network and connects.

o   Pin

NOXON NOVA II generates an 8-digit code number which you enter into the wireless router, access point, or an external registrar.

WPS Setup

⚠️ Enter PIN
98467583 at the
other end

Press SELECT to continue

o   Skip WPS

Enter key as for a standard encrypted network.

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

- Completion

NOXON NOVA II attempts to connect to the selected network.

It will show connected if the setup is successful. If connecting fails, NOXON NOVA II returns to a previous screen to try again.

Setup wizard

✓ Setup wizard
completed

Press SELECT to exit

Press the reel or **OK** on the remote control to quit the setup wizard.

5.2.2 Equaliser

:≡ Equaliser

Normal   *
Flat
Jazz
Rock
Move
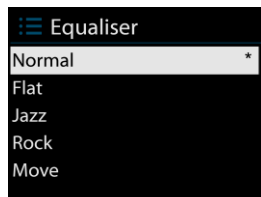
Several preset EQ modes are available: Normal, Flat, Jazz, Rock, Movie, Classic, Pop and News.
Also a user-defined setting is available; create your own EQ with custom bass, treble settings.
Press **EQ** on the remote control to quick enter equalizer menu.

5.2.3 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.

- **Wlan region**

  Select the Wlan region to obtain the optimal Wlan connectivity: Europe, Canada, Spain, France, Japan, Singapore, Australia, and Republic of Korea.

- **Manual settings**

  Choose wired or wireless network connection and enable or disable DHCP (Dynamic Host Configuration Protocol).

- **Network profile**

  NOXON NOVA II 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 by turning and pressing the reel or **OK** on the remote control then choosing YES to confirm delete.

- **Keep network connected**
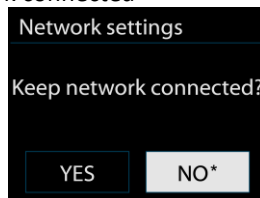
If you choose to keep network connected, the WiFi will not disconnect even you are in standby mode. Otherwise, the connection will only available. This option allows NOXON NOVA II to be ready for DLNA streaming in any operating modes. Details for DLNA streaming, refer to Section 5.6.

5.2.4 Time/Date

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

5.2.5 Language

The default language is Germen. Change it as your preference.

5.2.6 Factory reset

A factory reset resets all user settings to default values, so that time and date, network configuration and presets are lost. However, the NOXON NOVA II's current software version is maintained, as is registration with the Internet radio portal. Internet radio favourites therefore remain unless you re-register your NOXON NOVA II with another account on the portal website.

5.2.7 Software update

From time to time, software upgrades may be created with bug fixes and/or additional features. You can either check manually or set NOXON NOVA II to check periodically automatically (this is the default). If newer available software is detected, you will be asked if you want to go ahead with an update. If you agree, the new software is then downloaded and installed. After a software upgrade, all user settings are maintained.

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

5.2.8 Info

View the firmware version and the radio ID.

5.2.9 Backlight

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

5.2.10 Ambient light

Allow you to turn on or off the ambient light around the front panel.
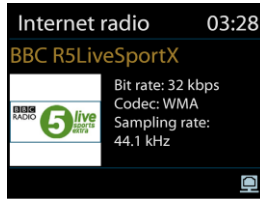
5.2.11 Standby Clock Format

You may change the Standby Clock format to Analog or Digital.

5.3 Internet Radio

NOXON NOVA II can play thousands of radio stations and podcasts from around the world though a broadband Internet connection.

When you select Internet radio, NOXON NOVA II directly contacts the Frontier Silicon Internet radio portal (which is supported by v-tuner) to get a list of stations.

The portal also enables multiple lists of favourite stations that you can personalize.

```
Internet radio        03:28
BBC R5LiveSportX
                   Bit rate: 32 kbps
                   Codec: WMA
                   Sampling rate:
                   44.1 kHz
```
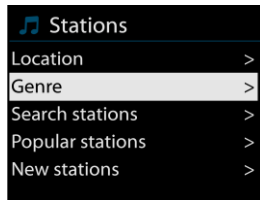
If you are already listening to an Internet radio station, you can press **Back** to quickly return to the last visited branch of the menu tree, rather than press and hold **Menu/Info** on the device or press **MENU** on the remote control to go to the first menu of Internet radio mode.


```
♫ Internet radio
Last listened          >
Station list           >
System settings        >
Main menu              >
```
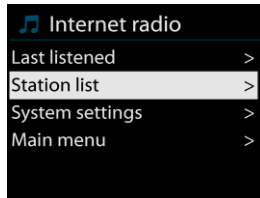
5.3.1   Last listened

When Internet radio mode restarts, the last-listened station is selected. To select another recently used station, enter here to select the listed station. Most recent stations appear at the top of the list.

5.3.2   Station list


```
♫ Stations
Location               >
Genre                  >
Search stations        >
Popular stations       >
New stations           >
```

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

5.3.3   Favourites

Favourites are stored with the Internet radio portal, and are available through all Internet radios registered on the same account. Before favourites can be used, the radio has to be registered with the Internet radio portal.

To register your NOXON NOVA II, choose Station list > Help > Get access code to get your radio's unique portal access code first. (Do not confuse the portal access code with the Radio ID from System settings.
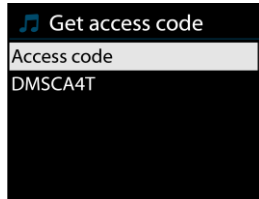
Visit the portal website at www.wifiradio-frontier.com

If this is your first visit to the portal, register for a new account, entering the following information:

- o   access code,
- o   your e-mail address,
- o   password,
- o   radio model.
- o

If you already have an account and wish to add an additional radio, log in to your account and select My preferences > Add another Wi-Fi radio.

Once your radio is registered with the portal, you can immediately use the Internet radio favourites and added stations features.

To store a playing station as a favourite, press and hold the reel or OK on the remote control until the display shows 'Favourite added'. The station appears in the default favourites list Stations.

5.3.4   My added stations

Even though the Internet radio portal contains thousands of stations, you may want to listen to stations not listed. You can add your own via the portal.

5.3.5   Presets

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

To store an Internet radio preset, press and hold ⭐ on the remote control until the display shows the Save preset screen. Select one of the 10 presets to save the currently playing station.

To select a preset, press ⭐ 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.

1 to 5 on the device are for the use of preset station 1-5.

5.3.6   Now playing information

While the stream is playing, the screen shows its name and description. To view further information, press **Menu/Info** on the device or **INFO** on the remote control.

Each time you press **Menu/Info** on the device or **INFO** on the remote control, another set of information is displayed, cycle through name/description, genre/location, reliability, codec/sampling rate, playback buffer and today's date.

5.4 Spotify Connect

Using This Device With Spotify Connect

A better way to listen at home
Spotify Connect lets you play Spotify through your home speakers or TV, using the Spotify app as remote.

You'll need Spotify Premium to use Connect – see details overleaf.

Step 1. Add your device to your wifi network (see product user instructions for details).
Step 2. Fire up the Spotify app on your phone, tablet or PC using the same wifi network as above.
Step 3. Play a song on Spotify and hit 'DEVICES AVAILABLE'.
Step 4. Choose your device and your music will start playing out loud.

For more information on how to set up and use Spotify Connect please visit
www.spotify.com/connect

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

5.5 Music Player

Music player mode plays audio files in MP3, WMA, WAV, AAC or FLAC format from a computer on the local network.

```
≡ Music player
Shared media              >
My playlist               >
Repeat play: Off
Shuffle play: Off
Clear My playlist
```
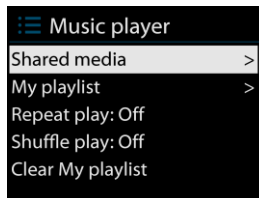
If you are already playing a music file, you can press **BACK** rather than press and hold **Menu/Info** on the device or press **MENU** on the remote control to quickly return to the last

visited branch of the menu tree.

You can use **Tune-** or **Tune+** on the device or ↑ or ↓ on the remote control to play the previous or next track, press and hold to rewind or fast forward. Press **OK** to play or pause.

5.5.1 Shared media

It you have set up shared media, you should see an entry consisting of <*computer name*>: <*Shared media name*>. If you have more than one computer sharing media, the alternatives are listed. Select the shared media you want to play.

From this point on, the menus are generated from the shared media server. The first menu shows a list of media types, for example Music, Video, Pictures and Playlists. NOXON NOVA II can only play music and playlists.
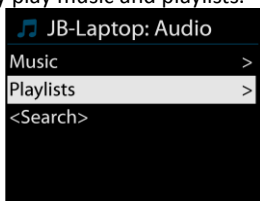
There is also a search function which finds tracks in a similar way to Internet radio search.

From Music, there are numerous ways of selecting tracks including Genre, Artist, Album, Composer and Rating.
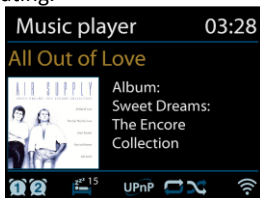
Once you have found a track you want to play, press the reel or **OK** on the remote control. A short press plays the track immediately.

5.5.2 USB playback

From this point on, menus are generated from the folders on the USB device. Browse folders with the navigate reel and **BACK** button, 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 the reel or **OK**. A short press plays the track immediately.

You can use **Tune-** or **Tune+** on the device or ↑ or ↓ on the remote control to play the previous or next track, press and hold to rewind or fast forward. Press **OK** to play or pause.

The USB port is just for music playback, no charging function.

5.5.3 Repeat/shuffle

Allow you to repeat tracks or play them in random order.

5.5.4 Now playing information

While a track is playing, the screen shows its track and artist. There is also a progress bar with figures for elapsed and total track time. At the bottom of the screen, an icon indicates UPnP or USB depending on the source. To view further information, press **Menu/Info** on the device or **INFO** on the remote control.

Each time you press **Menu/Info** on the device or **INFO** on the remote control, another set of information is displayed, cycling through the information: track/artist/progress bar/track times, album, codec/sampling rate, playback buffer and today's date.
Album cover of the track from music server is supported, while album cover from USB is unsupported.

5.6   DMR (DLNA Streaming)
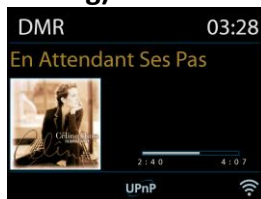
Shared music in Section 5.5.1 is a way of music streaming which you look for the music list and control playback from NOXON NOVA II. This topic will introduce another way to do the music streaming which is not necessary to control playback on NOXON NOVA II.
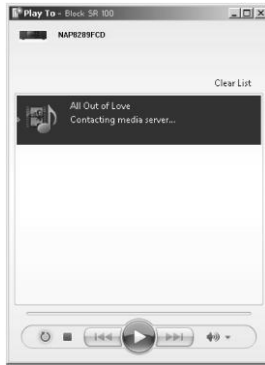
You can share the music files from PC, Android mobile or tablet, and directly use your PC, Android mobile, tablet or iPhone / iPad to control music playback on the NOXON NOVA II. It is simple called DLNA streaming.

5.6.1 Control on PC

The PC system requirements for DLNA are *Windows 7* and *Windows Media Player 12*. Setup as below:

Firstly, share the media on your PC to NOXON NOVA II.
Control Panel > Network and Internet > Network and Sharing Center > Media streaming options

Open *Windows Media Player* to enable *Allow remote control of my Player*.

Right click any music in the library and choose Play to **NOXON NOVA II**

XXXXXXXXXXXX.

A box of music playback pops up for the streaming.

5.6.2 Control on Smartphone / Tablet

You may search and install any free or commercial DLNA Apps from **Google Play** or **Apple Store** if you are using Android mobile, tablet or iPhone / iPad.

It is suggested to use *BubbleUPnP* on Android mobile, tablet or iPhone/iPad.

Procedures for playing shared music on the app are as follows:
1. Select **NOXON NOVA II XXXXXXXXXXXX** as the player.
2. Select music server and choose the music.

NOTE: Some Apps may not support streaming music from iPhone/iPod but iPhone/iPod could still be used to control streaming music from other servers.

Some Apps may allow to play the music to multi players at the same time.

Some Apps can create a playlist if you choose several music.

Study the own instruction of the software or Apps you use to enjoy DLNA streaming if necessary.

5.7 DAB

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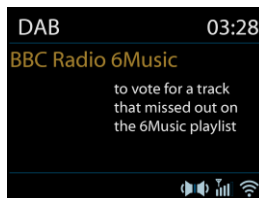
5.7.1 Scanning for stations

The first time you select DAB radio mode, or if the station list is empty, NOXON NOVA II 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 for one of the following reasons:

- o Available stations change from time to time.
- o If reception was not good for the original scan, this may result in an empty or incomplete list of available stations.
- o If you have poor reception of some stations (burbling), you may wish to list only stations with good signal strength.

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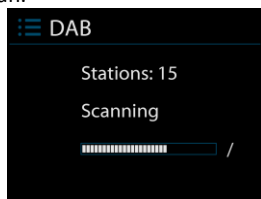
Once the scan is complete, the radio shows a list of available stations.

To remove stations that are listed but not unavailable, 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.

5.7.2 Presets

To store a DAB preset, press and hold ⭐ on the remote control until the display shows the Save preset screen. Select one of the 10 presets to save the currently playing station.

To select a preset, press ⭐ on the remote control briefly, then select one of the listed preset stations. When a preset station is playing, it shows ⭐n (⭐1, ⭐2 etc) at the bottom right of the screen.

1 to 5 on the device are for the use of preset station 1-5.

5.7.3 Now playing information

While the stream is playing, the screen shows its name and DLS (Dynamic Label Segment) information broadcast by the station giving real-time information such as programme name, track title and contact details. Stereo broadcasts are indicated with an icon at the top of the screen. To view further information, press Menu/Info on the device or INFO on the RC.

Each time you press Menu/Info on the device or INFO on the RC, another set of information is displayed, cycling through DLS text, programme type, ensemble name/frequency, signal strength/error rate, bite rate/codec/channels and today's date.

5.7.4   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.

- Station order

  You can choose the order of the DAB station list to be either Alphanumeric, Ensemble or Valid.
  Ensemble lists groups of stations that are broadcast together on the same ensemble. Valid lists valid stations first, alphanumerically, then off-air stations.

5.8   FM

FM radio mode receives analogue radio from the FM band and displays RDS (Radio Data System) information about the station and where broadcast.
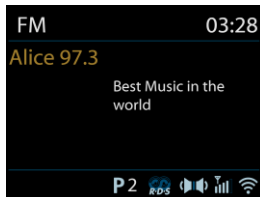
To find a station, press the reel or OK on the remote control. The frequency display starts to run up as NOXON NOVA II scans the FM band. Alternatively, you can scan up or down by pressing and holding the buttons ↑ or ↓ or tune manually with quick presses, or by turning the reel.

5.8.1   Preset

To store a FM preset, press and hold ⭐ on the RC until the display shows the Save preset screen. Select one of the 10 presets to save the currently playing station.

To select a preset, press ⭐ on the RC briefly, then select one of the listed preset stations. When a preset station is playing, it shows ⭐*n* (⭐1, ⭐2 etc) at the bottom right of the screen.

1 to 5 on the device are for the use of preset station 1-5.

5.8.2 Now playing information

While the stream is playing, the screen shows its frequency, or if RDS information is available, station name and any further RDS information such as programme name, track title and contact details. If no information is available, just the frequency is shown. Stereo broadcasts are indicated with an icon at the top of the screen, To view further information about the broadcast, press Menu/Info on the device or INFO on the RC.

Each time you press Menu/Info on the device or INFO on the RC, another set of information is displayed, cycling through RDS text, further RDS text (station/programme type), frequency and today's date.

5.8.3 Settings
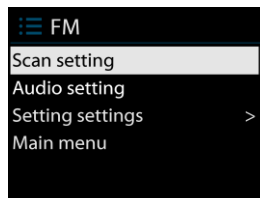
- Scan settings

  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.

5.9 Bluetooth

In Bluetooth mode, NOXON NOVA II enters the pairing mode automatically. You can turn on the Bluetooth of your Bluetooth device and search the radio NOXON NOVA II to pairing. When NOXON NOVA II is waiting for pairing, there is a blinking Bluetooth icon at the bottom.

Control the music playback from your Bluetooth device.
To unpair from NOXON NOVA II, press and hold **Menu/Info** on the device or press **MEUN** on

the RC and choose BT disconnect or press and hold ⭐ on the remote control to disconnect Bluetooth.

You can use **Tune-** or **Tune+** on the device or ↑ or ↓ on the remote control to play the previous or next track, press and hold to rewind or fast forward. Press **OK** to play or pause.

5.10   AUX IN

Aux in mode plays audio from an external source such as an MP3 player.
To play audio with Aux in mode:

- o   Turn the volume low on both NOXON NOVA II and, if adjustable, the audio source device.
- o   Connect the external audio source to the Aux in 3.5mm stereo socket.
- o   Press MODE on the device/remote control, then move to AUX and press the reel or OK on the remote control
- o   Adjust the volume of NOXON NOVA II (and, if necessary, the audio source device) as required.
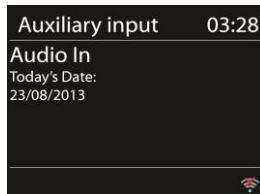

5.11   Sleep

To set the sleep timer, select Sleep under Main menu. Choose from Sleep OFF, 15 MINS, 30 MINS, 45 MINS or 60 MINS.

Once you select a sleep period, the system returns to the main menu. Press and hold Menu/Info on the device or MENU on the RC to return to the now playing screen.

5.12   Alarm

There are two versatile wake-up alarms with snooze facility, and a sleep function to turn the system off after a set period. Each alarm can be set to start in a particular mode.

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

```
≡ Alarm 1
Enable: Daily
Time: 07:30
Mode: Internet Radio
Preset: Last listened
Volume: 10
```
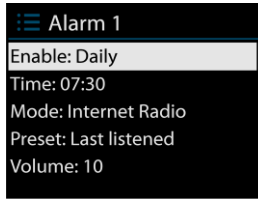
Select the alarm number (1 or 2) then configure the following parameters:
- o Enable: on/off,
- o Frequency: Daily, Once, Weekends or Weekdays,
- o Time,
- o Mode: Buzzer, Internet Radio, Spotify, DAB or FM,
- o Preset: Last listened 1-10, Preset
- o Volume: 0-20

To activate the new settings, scroll down and select Save.
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 on the unit or key

on the remote control excepted ⏻ . You can change the snooze period. The radio returns to
standby for the set period, with the silenced alarm icon flashing.

```
Set snooze time



    5  m i n u t e s
```
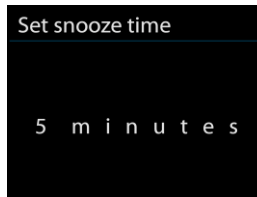
Press ⏻ on the device/remote control to turn off the alarm.

5.13   Extra Features
5.13.1   Headphone jack
NOXON NOVA II featured with headphone jack for you to continue enjoying the music in vary environments, such as noisy background, or the area that requires every one keeping silent.

It is recommended to reduce the volume before put on the headphones. After the headphones are positioned properly, increase the volume to the desired level.

5.13.2   Audio out socket
It allows you to connect an audio cable from the device to your own HiFi speaker system to enhance sound performance.

5.13.3   SPDIF out socket

It allows you to connect an Optical audio cable from the device to your own HiFi speaker system to enhance sound performance.

5.13.4   NetRemote (UNDOK)

The device gives a feature of NetRemote by smartphone or tablet in iOS or Android system. By downloading the assigned app named UNDOK, you can view all the modes of Internet Radio, Spotify Connect, Music Player, DAB, FM and AUX IN.
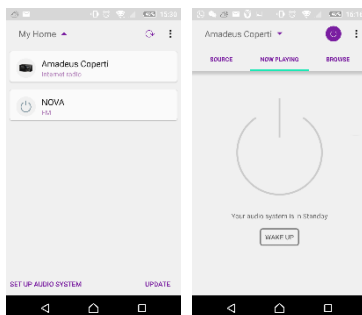
Search UNDOK from **Google Play** or **Apple Store**, and install it to your smartphone or tablet.

Before using the UNDOK 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 Internet Radio to make the connection of NetRemote.

Once the smartphone / tablet has accessed to the device, they will be automatically connected next time when you open the app again.
Select your desired mode in the main page. You may then control the selected mode on your smartphone / tablet and on the display of the device simultaneously.
Tap ⏻ to go to the standby mode.   Tap again ⏻ or "wake up" to go to operation mode.
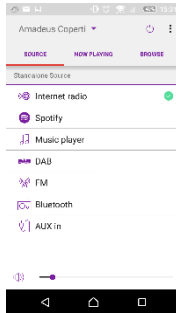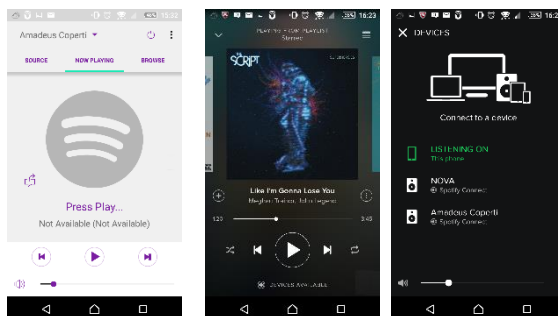
Tap "Browse" to view the details.   Tap ☰ to view the saved preset stations, and tap (+) to add the playing station to the desired preset station number.

- Internet Radio
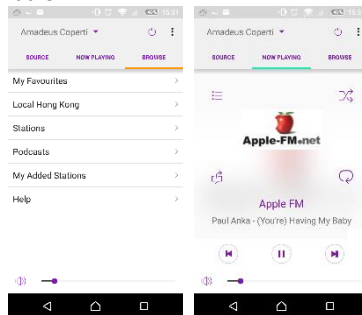
Browse the station list, choose station and view the station rolling text from the app.

- Spotify Connect (Refer to section 5.4)

Go to Spotify app to choose the music from your Spotify playlist.

Tap the Spotify icon on the Spotify app, then choose the preferred device (NOXON NOVA II). It should be displayed in the Spotify app. Once selected, music will be

streaming to the device.

- Music Player
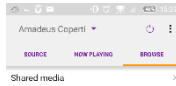
Browse the music files from shared media, choose music from the app.

- DAB

Browse the scanned DAB+ stations, choose the station and view the rolling text of station from the app.

- FM

Manual search or scan the stations from the app.

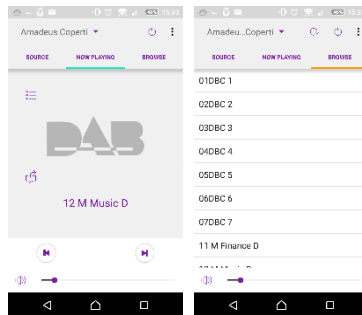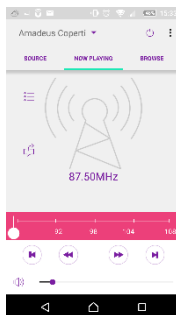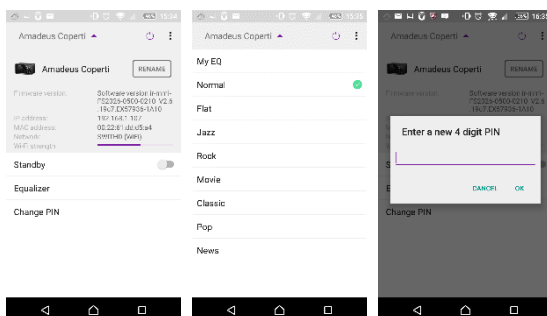From the app, you can also control to operate **STANDBY/ON, EQUALIZER, CHANGE PIN** and **RENAME** of the device under **SETTING** menu
For **CHANGE PIN** setting, please also refer to Section 5.2.3.

RadioVIS is a channel for broadcasters to deliver Slideshows over the Internet. RadioVIS Slideshows appear like the DAB+ slideshows, they are closely associated with the broadcasted audio service. However it is only available in some countries around the world. (Visit radioDNS.org for more details about their broadcasts.)

Once RadioVIS is enabled in the app, and the slideshows are available, the slideshows will be shown from Now Playing display in the DAB mode or FM mode on the NetRemote app.

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.

6. Troubleshooting

Error	Remedy
The device does not switch on.	Check it the power adaptor is connected properly.
No sound.	1. Turn on the sound as it may be muted 2. Increase the volume. 3. Pull any connected headphone or speaker from the connector jack.
No network connection can be established.	1. Check the LAN cable or 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.	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.
Wired connection cannot be established.	1. Check the availability of LAN network on the access point.
	2. Reconnect or even replace the LAN cable.
No station is found.	1. Check the network as well as the access point and firewall.
	2. The station may not be available currently, try it again later or select another station.
	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 is not correct, make sure it is correct and re-enter.
Hiss in FM mode	1. Check/move the FM antenna.
	2. Move the radio.
No stations available / burbling / intermittent in DAB mode.	1. Move the radio.
	2. Rescan local stations only (high-strength).
	3. Check the local DAB coverage.
Alarm does not work.	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.
USB driver or MP3 player is not detected.	1. Check if the USB driver or MP3 player is plugged properly.
	2. Some USB hard disks need external power supply, make sure it is connected to the power.
	3. Not all MP3 players can be read directly on the device – use an USB drive instead.
All other undetermined cases.	NOXON NOVA II 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 NOXON NOVA II 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.

7.   Specification

Model number	NOXON NOVA II
Description	Internet Radio with FM/DAB+/BT/Spotify Connect
Display	3.2", 320 x 240, TFT colour display
Network supported	IEEE 802.11b/g/n wireless (WiFi) Bluetooth (BT 4.0, Supports A2DP, AVRCP profiles)
Frequency band	WiFi : 2.400 - 2.4835 GHz Bluetooth: 2.4GHz - 2.48 GHz
Max. radio frequency power transmitted	WiFi: 17.432dBm Bluetooth: < 20dBm
Encrypted key	WEP, WPA, WPA2 (PSK), WPS
Streaming	UPnP, DLNA
Supported playback formats (streaming, USB)	MP3 (up to 320 kbit/s), WMA (up to 384 kbit/s), WAV (up to 1.536 mbit/s), AAC/AAC+ (up to 96kHz, 24bit), FLAC (up to 48kHz, 24bit)
DAB / DAB+	Band III (174.928 – 239.200 MHz)
FM	87.5 – 108.0 MHz, support RDS
Power supply	Power adaptor 16V 2800mA
Remote Control Power Supply	CR2025
Standby mode power consumption	<1.0W
Networked standby mode power consumption	<6.0W
Operating temperature	0 ºC - 35 ºC
Speaker power output	10W X 2 = 20W Subwoofer = 30W
Connections	3.5mm line in socket 3.5mm line out socket 3.5mm earphone socket SPDIF Out USB port LAN socket DC IN power supply socket
Dimensions	376 x 140 x 150mm
Weight	3.25 kg

Specifications subject to change without notice.

Power Adaptor	
Manufacturer	KUANTECHIN CORPORATED COMPANY
Type	KSA0451600280HE
Input	100 – 240V AC, 50/60 Hz
Output	16V 2800mA ⊖-◖-⊕
Safety Class	II

Use only original AC adaptor

Use only the power supply listed in the user instructions

This product operates under Wi-Fi mode at 2.412-2.472GHZ and is designated only to be used inside a normal household environment. This product is suited for this purpose within all EU counties.

Specifications subject to change without notice.

$$C\,E$$

For information about CE Conformity and WEEE please visit our website.

Warranty terms

The warranty period shall commence on the purchase date. Please keep your original receipt in a safe place. This is required as a proof of purchase.

If a material or production fault occurs in this product within 24 months of the purchase date, we shall – at our discretion – repair or replace the product free of charge.

This warranty requires that the defective device has to be sent to the service centre together with the original proof of purchase and a brief description of the fault within these 24 months.

If the fault is covered by our warranty, you will receive the repaired product or a replacement device.

The warranty period shall not begin again if the product is repaired or replaced.

Processing of warranty claims

Contact our support (see our website). Have the serial number and the proof of purchase ready. Our support may already be able to solve the problem.   If the problem cannot be solved, you will receive instructions on where to send the device to.

Manufacturer:

Palotec AG

Frikartstrasse 3

4800 Zofingen

Telefon: +41 62 508 26 26

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Web: www.palotec.ch

E-Mail: sales@palotec.ch

Made in China