



INSTRUCTIONS FOR USE
Tuner Box S3 DAB+

Dear music lover,
thank you for purchasing a Pro-Ject Audio Systems FM/DAB-tuner and webradio.

In order to achieve maximum performance and reliability you should study these instructions for use carefully.



Warning of a hazard for the user, the unit or possible misuse



Important notice

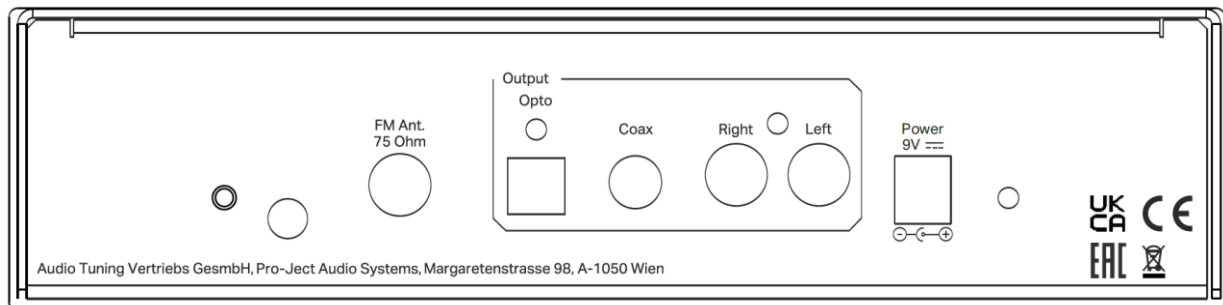
Safety instructions



The power supply is used to disconnect the unit from the mains. Make sure that the power supply is easily accessible at all times. Never handle the device, the power supply while your hands are wet or damp.

Avoid letting liquids enter the device or the power supply. Never place any item containing liquid, such as a flower vase on or near the device. Never spill any liquid on the device or the power supply. Never place any naked flame sources, such as lighted candles on or near the device. The product shall not be used in damp or wet locations, next to a bathtub, sink, swimming pool or any other similar conditions.

Connectors



Make all connections whilst the tuner is disconnected from the power supply.

Take care to connect the left and right channels correctly. The right channel is usually marked red, the left channel black or white.

Connection to a preamplifier/integrated amplifier

Connect the fixed RCA output (**left/right**) to any line level input on your preamplifier.



The RCA output level is always **FIXED** at full output. Only the headphone output can be volume adjusted.

Connection to an external DAC/digital preamp/integrated amp with digital inputs

Connect the digital optical or coax output to a digital optical or coax input on your DAC.

FM/DAB Antenna input

Connect the included FM/DAB antenna cable to the FM Ant. 75 Ohm input.

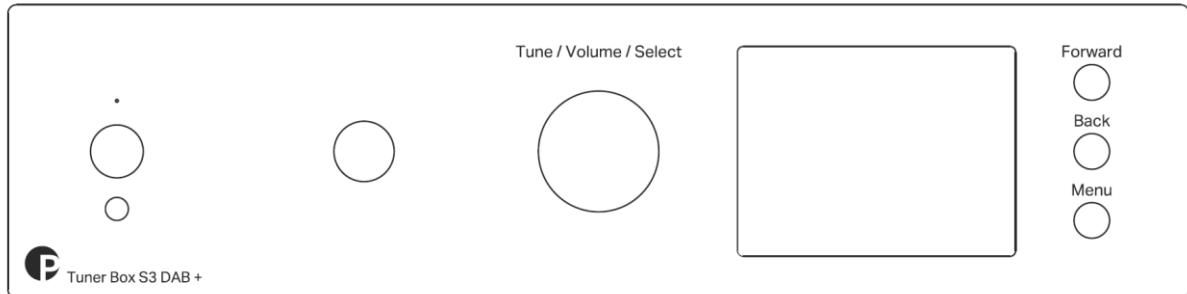
WiFi Antenna input

Connect the included WiFi antenna.

Mains power connection

Connect the included power supply to the **Power 9V** socket of the tuner **before** connecting the power supply to the mains.

Front panel controls



To switch on from standby or to standby

The push button on the left-hand side will toggle the tuner between its fully operational status and standby. The blue LED above the stand-by push button shows that the unit is switched on.

Headphone Output

Connect headphones to the 6,3mm headphone output.

Tune/Volume/Select

In main menu screen: turn left/right to scroll through the menu; push to go one menu-step forward/select

In now playing screen: change volume for headphone output; push to stop/start playback

In sub-menus: turn left/right to navigate through sub-menus; push to go one menu-step forward/select

Menu

Switch between menu screen and now playing screen.

















Back/Forward

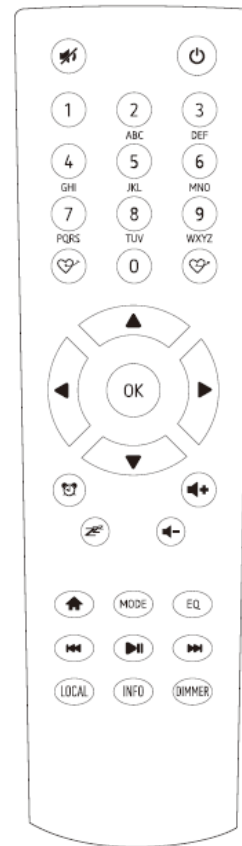
Back/Forward in main menu screen: scroll left and right


Forward in now playing screen: change now playing screen design

Back in now playing screen or sub-menus: go one menu-step back

Remote control

-  : Mute
-  : Press to toggle between standby and operation
- 0-9**: Input index number on the list / input characters for WiFi password
-  : Preset the current playing station to favourite
-  : Recall favourites list
-  : Cursor up
-  : Cursor left /back to previous menu
-  : Cursor down
-  : Cursor right
-  : Confirm button
-  : Sleep timer
-  : Volume up for headphone output
-  : Volume down for headphone output
-  : Main menu
- MODE**: Switch between internet radio/FM/DAB
- EQ**: Equalizer
-  : Previous station on the list
-  : Play/pause
-  : Next station on the list
- LOCAL**: Access local stations list (local area set in configuration menu)
- INFO**: Quick access to network and system information
- DIMMER**: Access dimmer menu to adjust display brightness



 Please note that remote control batteries are not included in the packaging due to air freight guidelines and resulting limitations.

Using remote control to input the security code for your wireless network

On the alpha-numerical keypad, press each button repeatedly to cycle through the letters, numbers and symbols as listed below.

To input a character, scroll to the correct one and when it is highlighted, press the **▶** button to input the next character. When it comes to the last character of the password and it is highlighted, press **OK** to confirm.

Button 1: 1 and different kind of symbols !@#\$%^&*()_+[]{};:"\|,./<>?

Button 2: 2ABCabc

Button 3: 3DEFdef

Button 4: 4GHIghi

Button 5: 5JKLjkl

Button 6: 6MNOmno

Button 7: 7PQRSpqrs

Button 8: 8TUVtuv

Button 9: 9WXYZwxyz

Button 0: 0

Before you start

Please ensure the following is ready:

You have a broadband internet connection.

A wireless broadband router is connected to the internet successfully. The Tuner Box S3 DAB+ supports Wireless B, G and N connection (Wireless N router can also be used with the setting on B or G).

You know the Wired Equivalent Privacy (WEP) or Wi-Fi Protected Access (WPA) data encryption code/password.

You need to key in the correct code when the radio is connected to the wireless router for network connection.

If you do not know the code/password, please contact the person/technician/manufacturer who set up the router/network for you.

Precautions

The radio should not be used in a high temperature or high humidity environment over prolonged periods of time as this may damage the unit.

Keep the radio away from liquids as it may get damaged. Please switch off the radio immediately if water or liquids is spilled into the radio. Consult with the shop you bought this radio for any question.

Avoid using or storing the unit in dusty or sandy environment.

Do not open and repair the radio by yourself.

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

Clean only with dry cloth.

Network Setup

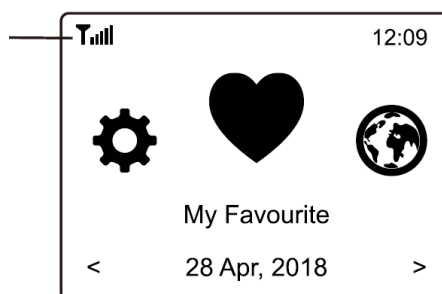
Internet connection can be setup via Wireless LAN (WiFi).

Select Add/Remove AP from the list, use the [Tune/Volume/Select] knob or the remote to scroll and press it to confirm, then choose Add AP (Scan):


It will start scanning the available Wi-Fi routers around. Scroll to your network and press [OK] to confirm. If your wifi network has a security code protected, it will ask you to enter the passphrase/password. Please refer to page 4 in this manual on how to enter the password.

Note: The password is case sensitive. Please consult with the one who setup your network if you don't know the password.

When the Wi-Fi connection is successful, the Association Complete will be shown briefly. The Wi-Fi signal bar will appear on the top left corner of the display:



Overview of Features and Functions

Press [Menu/ ] to enter the main menu or the on the remote control. Scroll by rotating the [Tune/Volume/Select] knob or the [◀ / ▶] button on remote:

My Favorite - To show the list of favorite stations which have been assigned to the presets. There are up to 99 presets available.

Internet Radio - Start exploring the worldwide radio stations and music here.

DAB+/DAB Radio - Pick up DAB+ and DAB radio signal if available in your local area (no internet connection required).

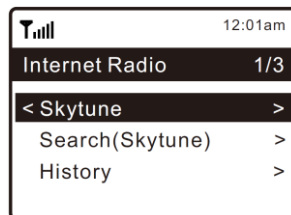
FM Radio - Receive ordinary FM radio stations in your local area (no internet connection required).

Sleep Timer - Enable the timer to turn the radio in standby after the selected time elapsed.

Configuration - More options/settings available to personalize as you desire.

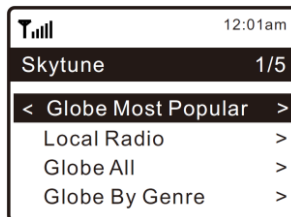
Internet Radio

On the main menu, choose Internet Radio and you will find the options below:



Skytune

Select Skytune to start enjoying thousands of radio stations over the world. You can filter your search by Region, Music genre and talks. The **Local Radio** let you access quickly the stations available in your local area through internet connection.



Note - You can change the Local Radio area under **Configuration > Local radio** setup. Please refer to section 11 for the details.

Note - When you scroll along the list of **Globe All** and want to quickly reach to a certain point of the long list, input the index number on the remote control to quickly jump to that point. For example, on the remote control, input 2 8 and press OK, it will highlight the station no. 28.

Search

Instead of browsing the radio station list, you can input a few characters of the desired station to filter out / short list the stations.

History

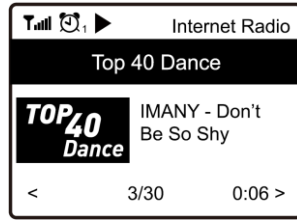
The radio memorizes the stations you have listened up to 99 stations.

If you have listened more than 99 stations, it will supersede the first station that you have listened.

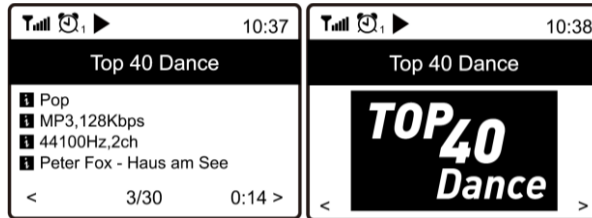
Start playing internet radio

When a radio station starts playing, more radio information can be displayed.

Press the ► button in the state of the playing screen below:



Every time you press the ► button, it will show various information at a time such as the streaming bit rate, name of the song, artist name (if available) and the radio's station logo (if available):



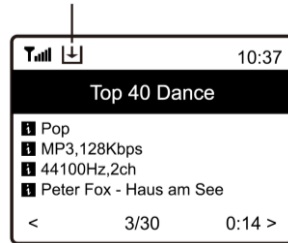
My Favorite

This is to show the list of your Favorite stations which have been assigned to the presets.

Preset a station

You need a remote control to preset the station.

When a radio station is playing, press the ♡ button on the remote control, you will see the 📌 icon appears as below. It means the station is added to the Favorite list.



The new added station will always show in the last item on the Favorite list. You can store up to 150 presets.

Recall a station

Press the ♡ button on the remote control to recall the list of presets, or navigate to **My Favourite** on the main menu and select it to confirm.

Edit your favorite list

On the Favorite list, choose the radio station you want to edit then press the [►] button on the remote control (or press [Forward/ ►] on the unit). It will enter the Edit menu with the following options:

Move down - To move down the ranking of a station

Move up - To move up the ranking of a station

Delete - To delete a particular station

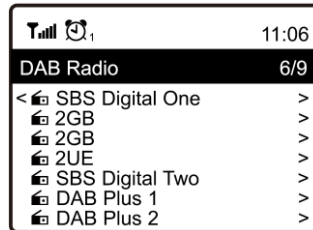
DAB+/DAB Radio (Digital Audio Broadcasting)

If there is Digital Audio Broadcasting (DAB) in your area, the Tuner can pick up the DAB stations as well (no internet connection is required). The Tuner supports both DAB and DAB+.

Connect the wire antenna (supplied in the box) to the antenna jack on the rear cabinet. Place the Tuner close to the window and extend the antenna as far as it can go to get the best reception.

On the main menu, scroll to DAB Radio or use the [Mode] button on remote to switch to DAB Radio. Press [OK] to start.

It will ask whether you want to **Scan DAB Station**. Press **OK** to start scanning and it will show the progress on the number of channels received. When it is done, a preset page will be displayed for your action.



You can select the channel and start listening to it. Whenever you want to add to a station to your favorites, press the button while listening and it will add the station to the favourite list.

Always press the [◀] button (or [Back/ ◀] on the unit) to return to the Preset list.

Note - When a DAB radio is playing, press the [▶] button to view more radio information, each time you press the [▶] button, it will display various information at a time such as radio frequency, rolling texts (if available) and big time clock.

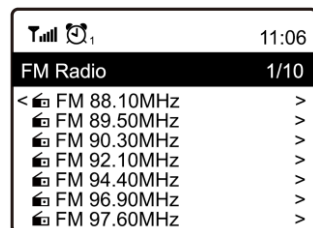
New digital radio stations should be picked up automatically by the Tuner if they are part of a multiplex you already received. Otherwise you need to do the Preset Scan again.

FM Radio

To receive the ordinary FM stations (no internet connection is required), connect the wire antenna (supplied in the box) to the antenna jack on the rear cabinet first. Place the Tuner close to the window and extend the antenna as far as it can go to get the best reception.

On the main menu, scroll to **FM Radio** or use the [Mode] button on remote to switch to FM Radio. Press [OK] to start.

It will ask whether you want to Scan FM Station. Press **OK** to start scanning and it will show the progress on the number of channels are found. When it is done, it will automatically save the found channels on presets and display the list for your action.



You can select the channel and start listening to it. Whenever you want to add to a station to your favorites, press the button while listening and it will add the station to the favourite list.

Always press the [◀] button (or [Back/ ◀] on the unit) to return to the Preset list.

Note - When it is playing FM radio, press the [**Forward/▶**] button to view more radio information, each time you press the [**Forward/▶**] button, it will display various information at a time such as radio frequency and big clock display.


Manual Tune

To manual tune to the frequency, long press the [**OK**] on remote or long press [**Tune/Volume/Select**] on the unit, until you see "Tuning" appear on the display in the bottom right corner.

Use the < ◀ / ▶ > button on remote to tune the frequency. When done, long press the [**OK**] button to exit manual tune.

Sleep Timer Setting

You can set a timer to let the radio go to standby in the range of 15 minutes to 180 minutes.

Press the  button on the remote control to set the timer.

You will see the icon appeared on the display if the timer is set.

Configuration

Here you will find the complete settings / options available to configure your Tuner Box S3 DAB+. On the main menu, navigate to Configuration setting. Press OK and you will see a list of options available.

Network

• Network Options

Always on: The WLAN function remains switched on (faster access when switching from DAB or FM mode to Internet radio).

Auto off in 30s: The WLAN function shuts down after 30 seconds when not in use (to save energy).

• Wi-Fi Channels

Not all of the Wi-Fi channels are available in every country. There may be variation between different countries. Therefore it is necessary to choose the Wi-Fi channels to ensure the Wi-Fi performs satisfactory.

We have already set the channels according to the requirement in different countries. Choose the country you are staying from the list to get the correct channel.

• Wi-Fi Network

• Add / Remove AP

Add AP - It will scan out a list of routers around.

Add AP (WPS button) - Choose this option to connect your Wi-Fi router via WPS if the router has a WPS button.

Remove AP - If you have already added a router and want to remove it, choose this option.

Note - Always bring the Tuner within 2 meters of the Wi-Fi router for setup.

• AP: []

If you have added more than one routers on the radio and want to switch to another one, select this option to change.

• Signal

This is to show the strength of the Wi-Fi Signal of the Wi-Fi router as received by the radio. Usually signal levels lower than -70dBm is at weaker level and if it affects the reception of your radio, you may need to optimize the router location or check any problem of the router itself.

• IP

The IP is set Dynamic by default. Select to change **Fixed** IP according to your network condition.

- **DNS**

The DNS is set **Dynamic** by default. Select to change **<Fixed>** DNS according to your network condition.

Language

You can choose other languages as preferred. Scroll with the ▲ ▼ buttons on remote or **[Tune/Volume/Select]** knob to the menu entry and press **OK**. Scroll to highlight and press **OK** to select your language of choice.

Local Radio

The radio is set by default to detect the radio stations in your local area automatically through internet connection and these stations can be accessed by a press of **[Local]** button on remote. You can also set Local in another region if you want. Highlight the **Local Radio** and press **OK**. Choose **Manual-set Local radio** to change the region setting.

DAB set up

- **DAB Preset Scan**

You can always carry out a new scanning of DAB channels by selecting this option. All current presets and channels will be erased.

- **DAB Radio Preset**

The scanned DAB stations will be listed here for management. You can move the position or even delete any station. Scroll to the station and press **[Right]** button. A pop up window will be presented: Move up, Move down and Delete.

FM Setup

- **FM Area**

Choose the Region according to your physical location to define the search range for the Tuner.

- **FM Preset Scan**

You can always carry out a new scanning of DAB channels by selecting this option.

All current presets and channels will be erased. The radio at the lowest frequency of the scanned values will be highlighted. The preset list will be saved unless a new preset scan is carried out.

- **FM Radio Presets**

You can adjust the preset ranking by Move down, Move up or Delete it. Highlight one of the preset, then press the **[▶]** button (or **[Forward/▶]** on the unit), it will enter into the Edit menu.

Always press the **[◀]** button (or **[Back/◀]** on the unit) to return to the Preset list.

Resume Play Options

- **Resume once ready**

This is set by default. The radio will resume playing the last played station when it is powered on the next time.

- **Stay at home**

Choose this option if you want the radio to stay on the Home screen without playing anything when it is powered on the next time.

Power-On Options

This is to select the state of the radio after a power reset or power cut, whether to return to the Standby mode or return to the state of the setting selected from the above "Resume play options".

Dimmer

You can set the backlight level for the display as you prefer.

There are two settings: Mode and Level

- **Mode - Normal or Power Saving**

Normal - the display will stay with the same level of brightness all the time without dim down.

Dim - the display will dim down after 20 seconds if no operation is made on the radio.

- **Level - Bright and Dim**

Bright - This is to adjust the level of brightness in Normal mode.

Dim - This is to adjust the level of brightness in Dim mode.

- **Dimmer in Standby**

The highest backlight level in standby is set by system default. To further reduce the backlight or turn it completely off, adjust it by turning **[Tune/Volume/Select]** knob anti-clockwise on the tuner or press the ▼ button on remote. Increasing the backlight beyond the system level will illuminate for 20 seconds and then dim to default setting automatically.

EQ(Equaliser)

Various music genres can be set (for Headphone out and Line out only).

Buffer Time

Sometimes you may experience uneven playback of the internet radio. This can happen if the internet connection is slow or network congestion occurs. To help improving the situation, you can choose longer buffer time to get a few seconds of radio stream before beginning to play.

The default value is 2 seconds. You can choose 5 seconds if you prefer to have a longer buffering time.

Information

View the Network and System Information of your radio.

To access quickly to this information, press the [Info] button on the remote control.

Software Update

There may be software release to upgrade features of the radio from time to time.

Check the update regularly to keep your radio up to date with the latest software.

Reset to Default

You can do the reset to clear all the settings and return to default settings.

****Please note all the Station presets, Settings and configuration will be erased after you have performed the Reset.**

Replacing batteries

Proceed as follows:

- Open the battery case cover
- Replace the battery.
Make sure the battery is the right way around!
- Close the battery case cover

Battery type: 2x AAA 1,5V



Do not dispose the batteries as ordinary domestic refuse. Please dispose your exhausted batteries at the appropriate collection sites - usually located at supermarkets and drugstores.

Technical specifications Pro-Ject Tuner Box S3 DAB+

Tuning range FM-band:	87,5 - 108MHz (50kHz steps)
Frequency response:	20Hz - 20kHz
S/N ratio:	50dB
THD:	0,05%
Stereo separation:	30dB / Δf 75kHz and f mod 1kHz
Sensitivity:	7dB/ μ V mono, 17dB/ μ V stereo /75 ohms
Antenna input:	1 x co-axial DIN-socket (75 ohms)
Digital output:	1 x coaxial SPDIF, 1 x optical SPDIF
Fixed Line-level output:	1 pair RCA sockets
WiFi Standards:	WiFi 802.11 b/g/n
Headphone output:	1 x 6,3mm / 2x 75mW at 32ohm (1%THD)
Remote control batteries:	2x AAA 1,5V (not included in packaging)
Outboard power supply:	9V/1A DC, 110 – 240V/50, 60Hz
Power consumption:	<1W in standby
Dimensions W x H x D (D with sockets):	206 x 55 x 153 (164) mm
Weight:	940g without power supply

Service

Should you encounter a problem which you are not able to alleviate or identify, please contact your dealer for further advice. Only when the problem cannot be resolved there should the unit be sent to the responsible distributor in your country.

Warranty



The manufacturer accepts no responsibility for damage caused by not adhering to these instructions for use. Modification or change to any part of the product by unauthorized persons, release the manufacturer from any liability over and above the lawful rights of the customer.

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The information was correct at the time of going to press. The manufacturer reserves the right to make changes to the technical specification without prior notice as deemed necessary to uphold the ongoing process of technical development.

Waste from Electrical and Electronic Equipment (WEEE): This directive mandates the collection and recycling of electronics and component materials in order to reduce the amount going to landfills. Outside North America, when the user decides to discard this product, it must be sent to a separate collection facility for recycling. Please contact your point of purchase for more details.

Federal Communication Commission (FCC) Interference Statement FCC Part 15: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected

- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

To maintain compliance with FCC's RF exposure guidelines, this equipment should be installed and operated with minimum distance 20cm between the radiator and your body. Use on the supplied antenna.

UK PSTI Statement of Conformity

Audio Tuning Vertriebs GmbH hereby declares that this Tuner Box S3 DAB+ complies with the applicable security requirements set out in Schedule 1 of The Product Security and Telecommunications Infrastructure (Security Requirements for Relevant Connectable Products) Regulations 2023 at the time of this Statement, required by the UK government in the Product Security & Telecommunications Infrastructure Act 2022.

Audio Tuning Vertriebs GmbH will provide software security updates for this product as described on this webpage: <https://www.project-audio.com/en/product-security-software-updates/>

If you detect a vulnerability with this product, please contact us following the guidance covered on this webpage: <https://www.project-audio.com/en/data-protection-declaration/>

This statement was last updated on 12.04.2024.

EC Declaration of Conformity

We, **Canor spol. s r.o.**
Družstevná 39
08006 Prešov
Slovakia
(manufacturer)

declare under our whole responsibility that the products:

Tuner Box S3 DAB+

which are regularly supplied to

Pro-Ject Audio Systems a division of Audio Tuning GmbH
Margaretenstrasse 98
1050 Vienna,
Austria

to which this declaration relates is in conformity with the following harmonized standards for:

LVD: STN EN 62368-1:2018
EMCD: EN 55032:2015
EMCD: EN 55035:2017
RED: ETSI EN 300 328 V2.2.2 (2019-07)

following the provisions of EC directives as follows:

LVD: 2014/35/EU
EMCD: 2014/30/EU
RED: 2014/53/EU

and the EC regulation 1275/2008 and its framework directive 2009/125/EC for energy related products (ErP) according to the test performed under the following technical standard

EN 50564:2011

Pro-Ject Audio Systems a division of Audio Tuning GmbH
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