BOX•DESIGN

BY PRO-JECT AUDIO SYSTEMS

INSTRUCTIONS FOR USE
Pro-Ject Tuner Box S2

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

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*
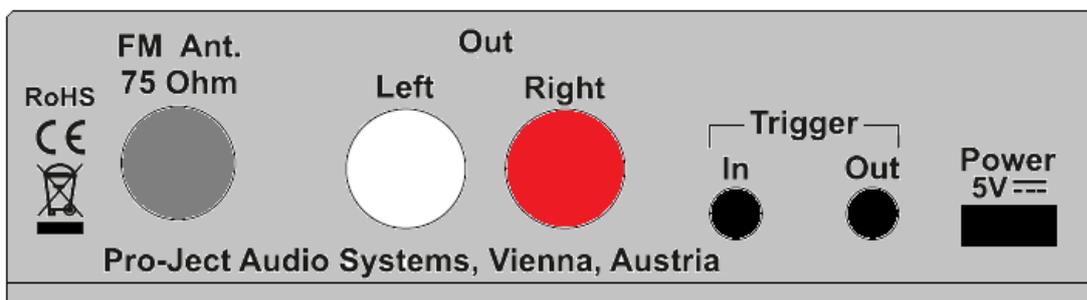
👉 *Important notice*

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 an amplifier

Connect the output (**Out**) to any line livel input on the (pre)amplifier.

Antenna input

Connects to any antenna cable with a co-axial DIN-plug / US-model F-plug.

Mains power connection and methods to switch the unit on and off

Connect the low voltage plug from the power supply to the **Power 5V** socket of the tuner **before** connecting the power supply to the mains. The unit can be switched on and off by using 2 different methods which are equal in priorities.

1. Using front pushbutton to switch on or into standby

The pushbutton on the front panel of the unit alternately turns the power on or returns it to standby mode. The blue LED on the front panel shows that the unit is powered on. If a trigger signal is present the unit can't be switched off by the pushbutton.

2. Remote power on - triggers

The unit can be switched on via other Box Design components when a 12V trigger voltage is present at the 2.5mm socket marked **Trigger Input.** Special power-on cables (polarity ⁻–◉–⁺) in diverse lengths are

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available as accessories. The remote power-on signal can be relayed to further units via the **Trigger Output** socket. When the 12V trigger signal is switched off, the unit will also switch off.
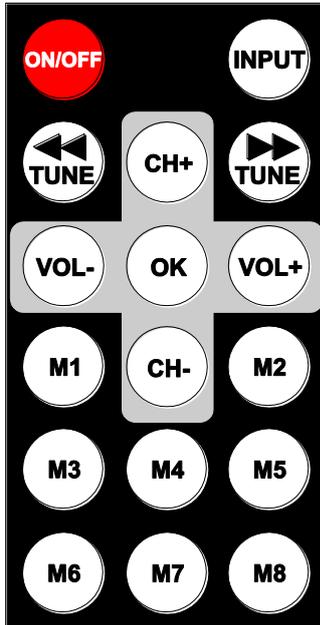
⚠ *Trigger cables may only be plugged into the sockets when the unit is disconnected from the power supply and from the mains. Failure to do so may result in damage of the unit.*

Mains power connection

The unit is supplied with a power supply suitable for your country's mains supply. Check the label before connecting to ensure compliance with the mains rating in your house. Connect the low voltage plug from the power supply to the **Power 5V DC** socket before connecting the power supply to the mains.

Remote control

Stand-By

ON/OFF short press turns the unit on, long press takes it back into standby. Powered on, a short press activates and deactivates mute

Volume

VOL− and **VOL+** adjust the sound volume

INPUT no function

Selecting the tuning mode

Pressing (min. 3 seconds) **OK** selects the tuning modes manual program search (**MANUAL**), automatic program search (**AUTO**) and program selection from memory (**MEMORY**) in turns.

Manual program search - the display shows MANUAL

◀◀ TUNE decreases, **▶▶ TUNE** increases the reception frequency in 50kHz steps.

Automatic program search - the display shows AUTO

CH- starts the automatic frequency scan downwards, **CH+** starts the scan upwards.

Program selection from memory - the display shows MEMORY

M1 - **M8** activate the memory function. Pressing **M1** - **M8** access the pre-sets 1 - 8 directly.

CH- and **CH+** select -memory function has to be activated- the memory positions 9 - 99.

Saving a program in the memory list

Tune to the frequency to be stored. Press (**OK**) twice in rapid succession. The display will show **STORE**. (**CH+**) will select the next memory position up the list, (**CH-**) selects the next memory position down the list. The memory positions 1 - 8 can be selected directly by pressing (**M1**) - (**M8**).

Press once again (**OK**) to store the program at that position. The display shows **STORED**.
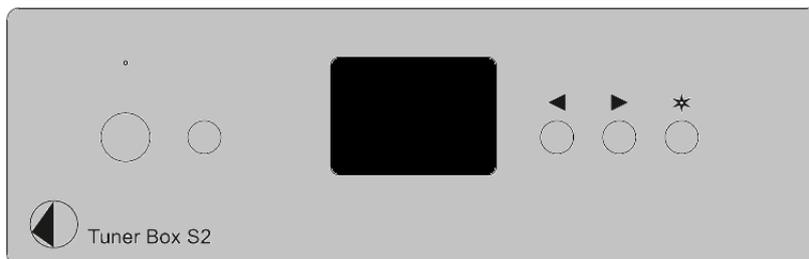
👉 *Saving a program to a particular memory position overwrites any program already stored at that position. The memory retains its contents through a power off/on cycle and a power failure.*

Auto store function

Long press (**M4**) starts, (**M1**) confirms the auto store function. (**M1**) clears the complete memory while storing. (**M2**) keeps stations with good signal strength in the memory and overwrites stations with insufficient signal level while storing.

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. The display shows **STANDBY** when the unit is in standby.

If the Tuner Box S2 is connected to the remote switch-on facility of a Pro-Ject pre-amplifier Pre Box S, then choosing input 1 at the pre-amplifier will switch the tuner on. Selecting a different input will switch the tuner off.

Dimming the display, setting the colour of the display

Press ✳ (approx. 5 seconds) on the front panel to enter the set-up menu of "DIM mode". Normal operation is not possible when the unit is in „DIM mode".

You can adjust the display brightness by pressing (**◀◀ TUNE**) and (**▶▶ TUNE**) on the remote control.

The following settings are available: „**display off**", **DIM 1** - **DIM 4** and **DIM MAX**. The chosen level will be displayed. Additionally, the colour ratio settings can be modified:

(**M3**) decreases (**M6**) increases red

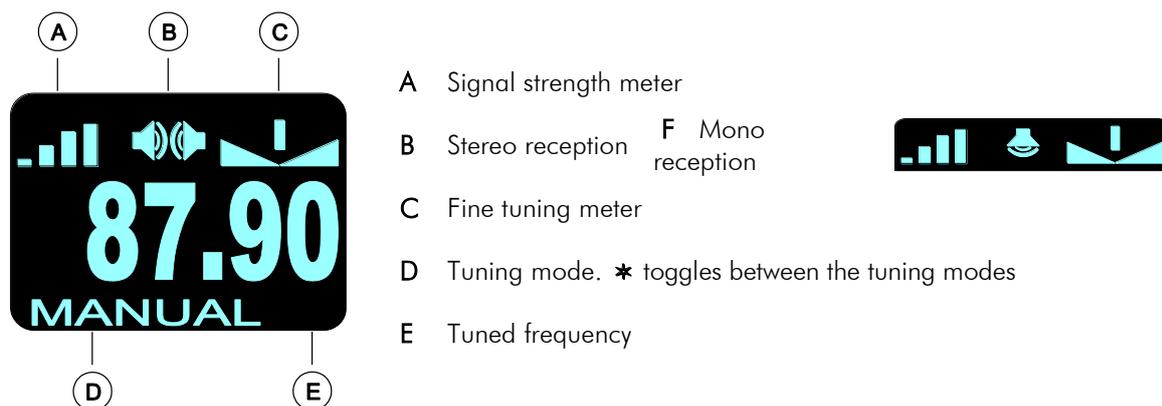(M4) decreases (M7) increases green

(M5) decreases (M8) increases blue

The changes will be shown in the first line of the display. After leaving the set-up menu, the changes will become valid for the complete display.

(M1) loads the factory settings for brightness and colour.

Confirm your settings by pressing (OK) on the remote control to exit the "DIM mode".

To re-enter the set-up menu of "DIM mode" press ✴ (approx. 5 seconds) on the front panel.

A   Signal strength meter

B   Stereo reception   F Mono reception

C   Fine tuning meter

D   Tuning mode. ✴ toggles between the tuning modes

E   Tuned frequency

Manual program search

Press (approx. 3 seconds) ✴ repeatedly until the display shows **MANUAL**. ▶ increases the reception frequency in 50kHz steps. ◀ decreases the reception frequency in 50kHz steps. The tuner is correctly adjusted for a stereo broadcast when
A the largest number of bars are shown (signal strength meter) and
B two loudspeaker symbols are shown (**F** one loudspeaker symbol shows mono reception)
C the vertical bar is centred in the fine tuning display

Automatic program search

Press (approx. 3 seconds) ✴ repeatedly until the display shows **AUTO**. ▶ starts the automatic frequency scan upwards, ◀ will start it downwards. The maximum signal strength will be adjusted automatically for each program found.

Program selection from memory

Press (approx. 3 seconds) ✴ repeatedly until the display shows **MEMORY**. ▶ will select the program with the next memory position up the list, ◀ selects the program with the next memory position down the list. The program's memory position is shown to the right of **MEMORY** in the display.

Saving a program in the memory list

The memory of the Pro-Ject Tuner Box S2 can store up to 99 programs. Tune to the frequency of the program to be stored. Press ✴ twice in rapid succession. The display will show **STORE**. ▶ selects the next memory position up the list, ◀ selects the next memory position down the list. Press once on ✴ to store the program at that position. The display shows **STORED**.

To be able to select a tuning mode (manual program search, automatic program search or program selection from memory), an antenna has to be connected.

Saving a program to a particular memory position overwrites any program already stored at that position. The memory retains its contents through a power off/on cycle.

Replacing batteries

Proceed as follows:

- Unlock and slide open the battery case cover
- Replace the battery.
  Make sure the battery is the right way around!
- Close the battery case cover

Battery type: 1 x CR2032 / 3V or 1 x CR2025 / 3V

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 S2

Tuning range FM-band:	87,5 - 108MHz (50kHz steps)
Programmable pre-sets:	99
Frequency response:	20Hz - 20kHz ($\pm$1dB)
S/N ratio:	50dB
THD:	0,05% / Δf 75kHz and f mod 1kHz
Stereo separation:	30dB / Δf 75kHz and f mod 1kHz
Sensitivity:	7dB/μV mono, 17dB/μV stereo /75 ohms
Antenna input:	1 x co-axial DIN-socket (75 ohms) / US-model F-socket
Line-level output:	1 pair RCA/phono sockets
Trigger in and out:	2-pole co-axial $\varnothing$ 2,5mm co-axial jack
Output voltage:	0,775Vrms
Outboard power supply:	5V/1A AC, suitable for your country's mains supply
Power consumption:	70mA DC, <1W in standby
Dimensions W x H x D (D with sockets):	103 x 37 x 112 (121) mm
Weight:	315g 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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