BOX•DESIGN

BY PRO-JECT AUDIO SYSTEMS

INSTRUCTIONS FOR USE
Pro-Ject Tuner Box S

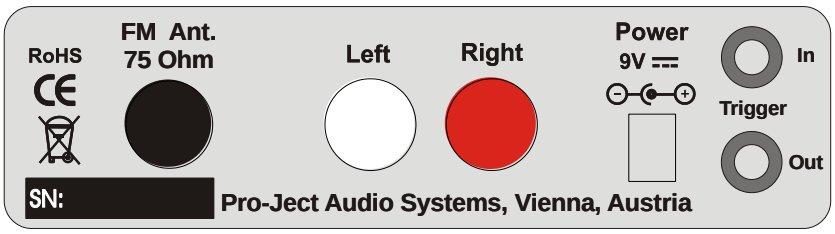
Dear music lover,
thank you for purchasing a Pro-Ject Audio Systems FM-tuner.

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

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.

Never use any other power supply than the one supplied with the unit.

Connection to an amplifier

When the Tuner Box S is used with a Pro-Ject amplifier connect the line level output to input 1(**In 1**) on the amp. When used with another manufacturers amplifier connect the line level output to the input marked **Tuner** on the amp.

Antenna input

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

Remote switch-on

The pre amplifier Pro-Ject Pre Box S provides a trigger signal to switch on and off the Tuner Box S remotely and for operating the input expander Pro-Ject Switch Box S.
The switching lead should be connected to the **Trigger Switch** socket on Pre Box S and the **Trigger In** socket on the Tuner Box S. In order to ensure correct remote switching, the Tuner Box S must be connected to the line level input socket (**In 1**) on the Pro-Ject Pre Box S.

The trigger signal is passed through the **Trigger In** socket to the **Trigger Out** socket of the Tuner Box S, through which it can be relayed to the input expander Pro-Ject Switch Box S.

Two approx. 45cm long trigger leads are supplied with the Pro-Ject Tuner Box S. Longer leads may be purchased from your Pro-Ject dealer.

Do not use this trigger output for any other connections for which it is not designed.

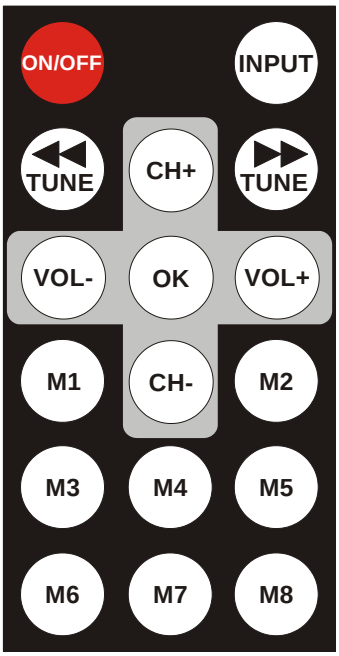
If any other input is used to connect the Pro-Ject Tuner Box S to a Pro-Ject Pre Box S, the trigger lead should not be used.

Switch off all units and disconnect them from the mains before connecting or disconnecting the trigger lead. Failing to do so could result in damage to the units.

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 9V ⎓** 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 presets 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.

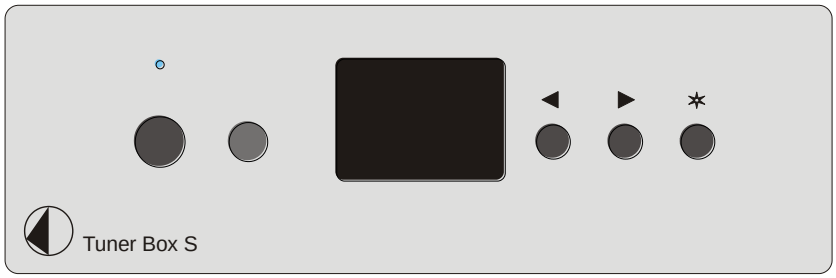
Press once again OK to store the program at that position. The display shows STORED.

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 S 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

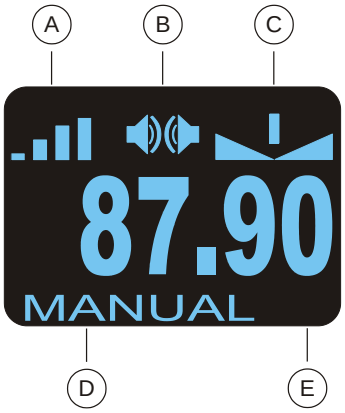
M5 decreases M8 increases blue

The changes will be shown in the first line of the display. After leaving the set-op 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 S 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), a antenna has to be conneced.

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 round !
- 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 S

Tuning range FM-band:	87,5 - 108MHz (50kHz steps)
Programmable presets:	99
Frequency response:	20Hz - 20kHz (±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:	digital switching signal
Trigger in and out:	2-pole co-axial ∅ 2,5mm co-axial jack
Output voltage:	0,775Vrms
Outboard power supply:	9V/300mA 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 36 x 104 (115)mm
Weight:	565g 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.

Safety instructions

AC outlet voltages vary from country to country. Before connecting to the mains, make sure that the voltage in your area meets the voltage requirements printed on the power supply.
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.

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