PREAMP SUPERNOVA USER MANUAL

The only pedal I'd need alone in an Oasis

TAMPCO Pedals and Amplifiers © 2026

Congratulations on your purchase ! You're now the proud owner of a super compact vacuum-tube boost pedal ! Read this user manual for all safety precautions and tips about properly using your new pedal.

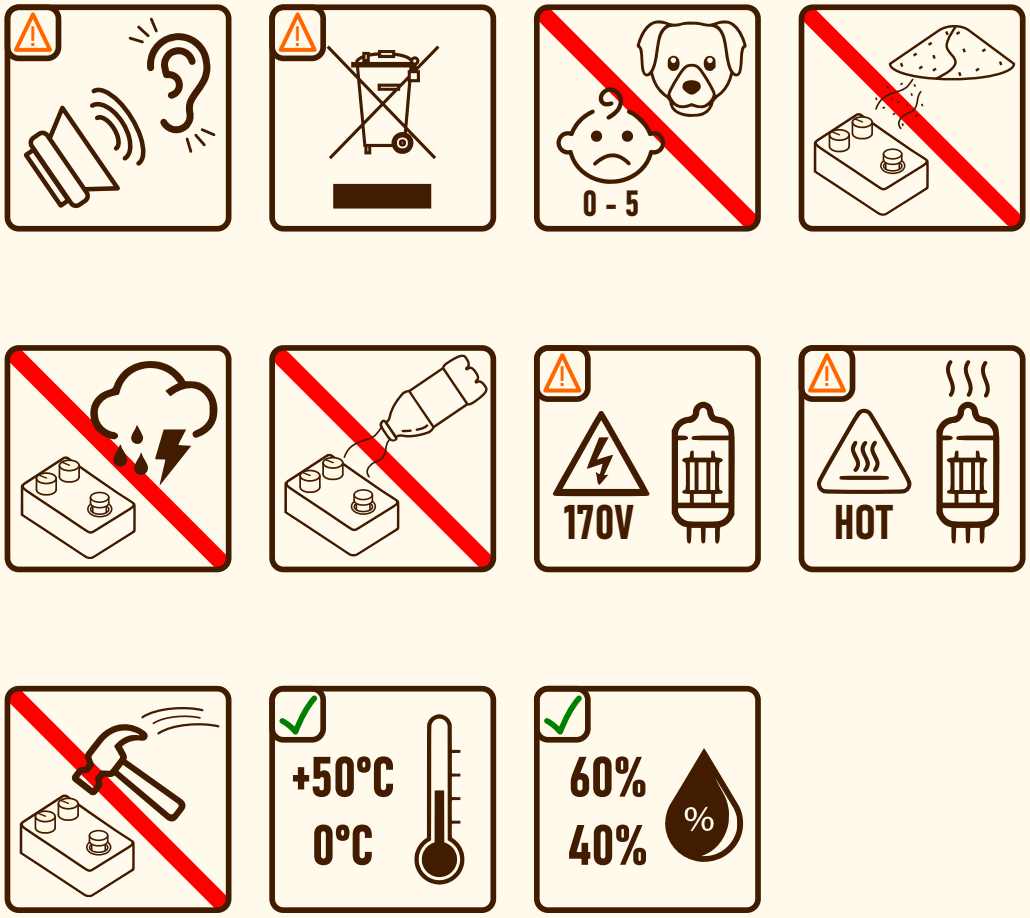
Usage and precautions : stay safe !

⚠ If users ignore this section and handle the device the wrong way, serious injury, bodily injure, damage to the equipment or death could result.

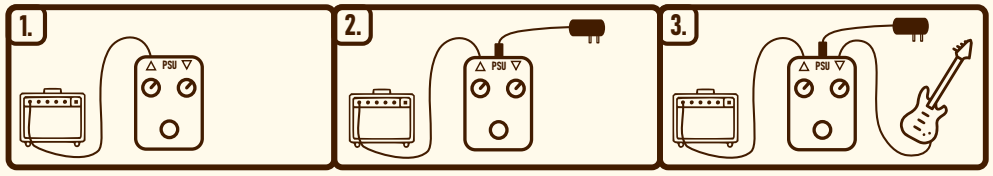
- Be sure to disconnect the power cable before moving the unit or connecting other cables.
- Only use with a 9VDC, center-negative, 500mA or more power supply. The use of an adapter other than the specified type may damage the unit and pose a safety hazard.
- If the unit is not to be used for a long time, disconnect the power cable from the unit.
- Avoid exposing the unit to environments with extreme temperature, high humidity or moisture, excessive dust or sand, excessive vibration or shock.
- Except for the footswitches, do not push other parts with your feet or subject them to strong force.
- Take care that no foreign object or liquid can enter the unit.
- The unit is designed to be immune to electromagnetic interference. However, equipments that emit powerful electromagnetic waves should not be placed near the unit, as the possibility of interference cannot be ruled out entirely.
- The unit contains no user serviceable parts. Contact TAMPCO regarding warranty or servicing issues.
- The unit is not suitable for children age 0 to 5 or animals, and use must be supervised by an adult for children aged 5 to 13.
- The unit contains internal settings that must only be adjusted using a non-conductive precision screwdriver.

This device should be disposed of in the appropriate electronic waste bin.

Safety pictograms :



Order of connection :



Specifications :

- Input impedance : 1.4MΩ
- Output impedance : <125kΩ
- Relay Bypass
- Dual-mode preamp/boost pedal
- 12AX7 vacuum tube running at 170VDC
- Power supply : 9VDC, 500mA (can peak to 800mA at startup), center-negative 2.1mm plug
- Construction : solid die-cast aluminium alloy, powder coated

Introduction :

Many artists used tape echoes on stage only for their embedded preamp. Be it the JFET-based Maestro Echoplex or the tube preamp of a Binson Echorec, many choices were available ! As an example, Oasis' guitarist Noel Gallagher uses an old boutique delay pedal from the 2000, completely disabling its delay effect, and only keeping the 12AX7 tube preamplifier to add an unmistakable dynamics and warmth to his playing.

This long lost circuit is now recreated in the form of our Preamp Supernova, adding a second boost mode for a crunchy, raw preamp and an option to darken the overall sound of the instrument. This preamp is a true secret ingredient to your pedalboard and can be left "always-on" to act as an additional gain stage to your tube amplifier and let you scream like the greatest britpop artists from the 90s at last !

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Settings :

- **Footswitch** : the footswitch can be pushed with your feet to change the tone of the pedal while playing.
- **VOLUME** : the main potentiometer adjusts the output level of the pedal.
- **BRIGHT/DARK** : controls the overall tone of the pedal. When set to BRIGHT, the sound is more dynamic and brighter. When set to DARK, the sound is muffled and darker.
- **BOOST/DRIVE** : controls the overall character of the pedal. When set to BOOST, the pedal acts like an ultra clean boost with no discernable saturation. When set to DRIVE, the pedal uses a second gain stage to get a a small overdrive that still sounds warm and dynamic.

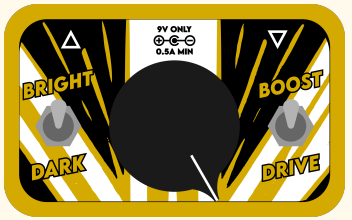
Internal settings :

The pedal has one internal trimmer :

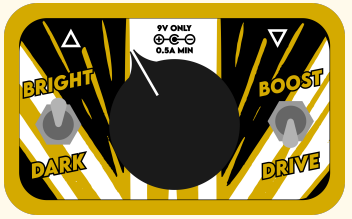
- **DRIVE VOLUME** : adjust the DRIVE mode output volume. WARNING, always adjust this setting with the pedal unplugged from its power supply ! No red light should be seen inside the pedal when adjusting the trimmer.

Suggested settings :

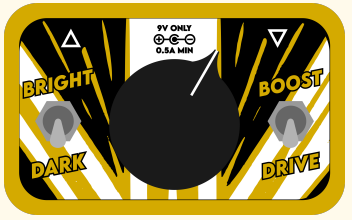
Push it back in anger



Broken preamp



Bluesy drive



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