




ALL-BENDER - USER MANUAL

A vintage-style fuzz to rule them all !

Congratulations on your purchase ! You're now the proud owner of a vintage-style tone bending multifuzz unit ! 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 injury, 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, 100mA 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 footswitch, 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.



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

Specifications :

- › Input impedance : 100-330k Ω
- › Output impedance : \approx 100k Ω
- › Relay Bypass
- › Tone bending pedal with four independant circuits
- › Highly recomanded first in the signal chain
- › Power requirements : 9VDC, 100mA, center-negative 2.1mm plug
- › Construction : solid die-cast aluminium alloy, powder coated

Introduction :

Quick history lesson ! In 1962, Maestro releases the first ever fuzz pedal for guitar, the famous FZ-1 - with not much success until 1965, when the Rolling Stones used it on "Satisfaction". The same year, Vic Flick asked Gary Hurst at Macaris Music Exchange to modify his pedal for more sustain : it's the birth of the Tonebender.

The circuit went through different version, now referred as the original Mark I, the rare in-between Mark I.V which inspired the Fuzz Face, the gainier Mark II and its variant with a tone control, the Mark III. At Macaris, the modern take from the original company is still being produced under the Mark IV name ! The Tonebender inspired many builders and pedals. While the first pedals used germanium transistors, the later used the much more stable silicon transistors.

Now it is your turn to leave your name in the great History of guitarists with the TAMPCO All-Bender, which combines the four main variants of the Tonebender pedals. Just select one of the four independant circuits ! The MKI circuit has been redesigned for a brighter sound with better clean-up, while the MKI.V is as fat and bassy as possible. The MKII has that mid-focused quality loved by Mr Page, and the MKIII lets you shape the tone of the pedal. Overall, the pedal is designed for fuzz addicts like we are, with maximum reliability in mind. No sensitive components, we want it robust and loud !

Controls :

- › **Input and output connectors** : connect your instrument to the input jack at the top-right corner of the pedal, and connect your amplifier to the output jack at the top-left corner of the pedal using shielded instruments cables. Connect the power supply to the DC jack on top of the pedal.
- › **Footswitch** : footswitch can be pushed with your feet to change the tone of the pedal while playing. The footswitch will engage the pedal.
- › **Selector switch** : switches between different adaptations of the original circuits, from MKI, MKI.V, MKII and MKIII. They all have different characters !
- › **LEVEL** : adjusts the overall output level of the pedal.
- › **I, I.V, II and III knobs** : each knob adjusts the gain of one of the four independant circuits.
- › **TONE** : affects the tone of the MKIII circuit only. Turn it anti-clockwise for maximum treble and clockwise for a bassier, fuller sound.

