

## Technical Specifications:

Size: 102 x 121 x 52 mm / 4" x 4.75" x 2"

Weight (incl. battery): 412g / 0.91lbs

Current draw: ca. 9.0mA (6.3mA in Bypass mode) at 9V

Made in Germany.

## Contact:

If you have any questions or comments about our products and services, or suggestions for improvements or additions, please let us know. We appreciate any feedback, suggestions, and concerns. Please use the contact form on our website [www.tortenmann.de](http://www.tortenmann.de) or write to [info@tortenmann.de](mailto:info@tortenmann.de).



## Battery Replacement:

1. Remove the four screws holding the bottom panel.
2. Lift the bottom panel.
3. Carefully disconnect the old battery from the clip and connect a new one of the same type. Be sure not to apply too much force to the connector clip and to the leads.
4. Put the battery back into the unit. Make sure that it fits tightly and no leads are being bent or squeezed when reattaching the bottom panel.
5. Tighten the mounting screws with moderate tension.

The TA-200 Grand Fuzz is designed and manufactured with high quality materials and components, which can be recycled and reused. Please act according to your local rules and do not dispose old products with your normal household waste. All packaging consists of recycled paper and can be disposed via regular paper recycling. Batteries must be collected and disposed of separately from household waste.



## Warranty information:

Tortenmann products carry a 2 year warranty to the original owner with proof of purchase. The warranty covers damage by our errors only, and not any modification or repair done by anyone other than Tortenmann. Batteries are not covered.

Every unit is thoroughly tested and inspected prior to shipment. Still, if you experience any problems with your TA-200, do not hesitate to contact us via [service@tortenmann.de](mailto:service@tortenmann.de). Alternatively, contact the nearest Tortenmann dealer, who will probably be able to repair the unit or, in case of a defect covered by the warranty, will take charge of the shipping procedure.

# TA-200 Grand Fuzz Operating Instructions

- Effective from serial #059 -



## Overview:

The TA-200 Grand Fuzz is a versatile electrical instrument effects unit that produces the classic fuzz sound of a heavily overdriven transistor preamplifier. It's a unique design that is capable of producing a wide variety of fuzz sounds while retaining the instruments and amplifiers tonal characteristics.

Being completely based on germanium semiconductor circuitry, the TA-200 is a rich and colourful sounding device by design, it yet retains a well-balanced sound even at the highest gain settings.

Extreme dependability has been stressed in the design of the TA-200 Grand Fuzz. Like all Tortenmann products, it is hand wired and assembled with only the highest quality components and with the greatest care. We are confident that the TA-200 will provide you with many years of satisfying and trouble-free use.

## Controls:

The TA-200 features a most unique, carefully designed 3-transistor fuzz core that is surrounded by simple level and filter controls.

To ensure sufficient level for the fuzz subcircuit, the signal is amplified at the very input of the unit. The "Input" knob sets the signal level at the output of this preamplifier stage and hence, the level that is fed into the fuzz core. By this, it controls the amount of distortion generated. The "Output" knob sets the signal level at the output of the unit.

The "Tone" knob is a five-position rotary switch that allows various bass cut filters to be inserted into the signal path. The lower four positions of the switch ("•") control the amount of bass that is fed into the fuzz subcircuit and, by this, the tonal quality of distortion. Use higher settings to get a treble-boosting type of sound. Turn the switch counterclockwise for a

progressively fatter sound. The actual filter frequency also slightly depends on the setting of the "Input" control knob.

The clockwise position ("◦") inserts a bass cut filter at the output of the fuzz core.

The footswitch puts the unit into and out of the signal path, the status being indicated by the front panel lamp (off when in bypass mode).

## Precautions:

The electrical parameters of germanium semiconductors are inherently dependent on temperature. Although the TA-200 has included means to stabilize bias conditions over a wide ambient temperature range, it is impossible to completely avoid tonal changes with changing temperatures. It is therefore advisable to protect the unit from heat and excessive exposure to sunlight.

## Connectors:

◀ Input: a mono TRS jack must be plugged in order to turn on the unit. To save battery power, always disconnect the "IN" jack when not in use.

The output connector is located on the opposite side of the unit and is not marked.

⚡ External power supply: accepts a standard 2.1mm barrel jack connector with a negative center pin. It may be used to connect a DC power supply of 9-12V.

