Technical Specifications:

Size: 102 x 121 x 52 mm / 4" x 4.75" x 2"
Weight (incl. battery): 402g / 0.9lbs
Gain (@1kHz): 8-30dB, inverting.
Current draw: 3.2mA (700µA 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 or write to info@tortenmann.de.

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ROCK'N'ROLL GEAR
BERLIN, GERMANY

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-24 Kompressor 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-24, do not hesitate to contact us via 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-24 Treble Booster Operating Instructions

- Effective from serial #126 -

Overview:

The TA-24 Treble Booster is a versatile electrical instrument preamplifier that allows a level boost of up to 30dB, with the option to define the lower limit of the boosted frequency range. With this, the user can select from half a dozen grades of treble boost, from full range to very high frequency boost.

Being completely based on germanium semiconductor circuitry, the TA-24 is a rich and colourful sounding device by design, it yet retains a tonal sweetness even at the highest gain settings.

Extreme dependability has been stressed in the design of the TA-24 Treble Booster. 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-24 will provide you with many years of satisfying and trouble-free use.

Controls:

The treble boost is implemented as a simple passive high pass filter whose cut-off frequency can be adjusted by means of the “Cut” rotary switch. Six about octave-spaced frequencies are selectable for the filter. The lowest (counterclockwise) position effectively turns the unit into a full-range booster. Turning the switch clockwise selects high-pass filters with rising corner frequencies.

The gain of the unit may be adjusted by means of the “Gain” control. Note, that with increasing gain of the amplification stage, non-linearity rises. At very high gain settings, distortion may be severe, depending on the input signal level.

Please note that the filter frequency also slightly depends on the “Gain” control, with higher gains raising the frequency and thus exaggerating the filter response.

The tone control circuitry reduces gain at high frequencies, giving an opposite effect to that of the treble boost and thus offering an additional means of sound shaping. It is implemented as a high cut filter whose corner frequency can be set with the “Tone” control knob (lower frequency at counterclockwise rotation and vice-versa). Being a cut-only control, it has its default or “zero” position fully clockwise.

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).

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 9-18V.