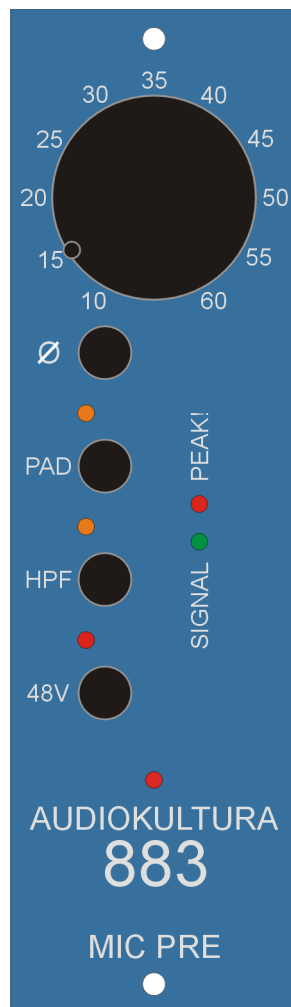


AUDIOKULTURA883

microphone preamplifier

USER'S MANUAL



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HELLO!

Thank You for purchasing Audiokultura 883 microphone preamplifier. You have just become the owner of one of the best sounding microphone preamplifiers available on the market. In this price category: best of all. Based on carefully designed circuitry that ensures uncoloured and detailed audio offering highly transparent audio gain. I hope the 883 serves as an indispensable creative tool for your sound processing and music production needs.

First of all, read this document carefully before you connect the device to the mains.

WARNINGS:

DO NOT try to repair the module on your own. Refer servicing to qualified personnel only.

MOISTURE: DO NOT expose the unit to rain or moisture. If the unit should become so exposed **TURN OFF** the device immediately.

INSTALLATION:

To install 883 into a 500 series box:

- Turn off the power to the 500 series chassis.
- Unpack the module and ensure the rear connector is free of debris.
- Align and slide the module into the 500 series chassis, ensuring the connectors on the back properly seat with the connectors in the chassis.
- Install the included screws to secure the 883 to the chassis.
- Power on the chassis.
- Ready? Have fun & go play!

The information in this document is subject to change without notice.

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Audiokultura 883 Mic Pre functions & technical specification:

- 500 series compatible,
- Transformerless design,
- Fast transient response,
- Minimal internal signal wiring,
- Excellent for loud snares and whispering voices too,
on all transient rich sources and all distant miking applications,
good at anything acoustic and works well with ribbons!
- Rotary gain control switch, 12 positions, 10 to 65dB, 5dB/step
- [-20dB] PAD can be engaged to attenuate the 883's input for accepting high
output signal levels from sources with high sound pressure levels (SPLs),
such as kick drums and miked electric guitar cabinets,
- Phase switch provides additional functionality for multi-miked applications,
such as when multi-miking a snare drum from the top and bottom,
- 48V Phantom power switch allows the 883 to be used with condenser
microphones
- 80Hz 12dB/octave active HPF
- Peak/Signal Indicator,
- Top quality components:
precision metal film resistors, selected caps and
sealed gold contact relays in audio path,
- three year transferable warranty

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Technical details:

Input impedance: 2k Ohm,

Output impedance: 50 Ohm,

Maximum input level: +15 dBu (+35 dBu with PAD)

Maximum output level: +22 dBu (into 600 ohm load),

Gain: 10dB – 60dB in 5dB Steps,

Gain Range: 80dB

Signal to noise ratio: >93 dBA,

Dynamic range: >93 dBA,

Total Harmonic Distortion: 0,009% (1 kHz),

Frequency response: 10 Hz to 22 kHz ($\pm 0,1$ dB),

Input Attenuator (PAD): -20dB

HPF: 80 Hz (-3dB, 6dB/oct),

Phantom power: +48V

Supply power min: +/-12V to (max.): +/- 19V

Power consumption: 2W

Power consumption: 2,9 W (180 mA per slot),

Dimensions: 132x37x158mm,

Shipping weight: 550g

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Operation:

Always turn off the power supply when you connect the microphone to the input or the Analog-Digital Converter (ADC) to the preamplifier output!

Make sure the main power is off and the +48V phantom power is off.
Connect your microphone,
Turn the Gain knob fully counter-clockwise,

Increase the gain until the red LED flashes occasionally.

The red led indicates that the signal is 3db below the overdrive level.

**TIP: If you are an enthusiast of clipping drums,
883 sounds perfect with sm57 on snare - overrated too!**

Troubleshooting:

1. Power LED does not light - no power supply:

- Check the power cable in the 500' lunchbox,
 - Put the device into a different slot,
- The device still does not work? Contact us.

2. Power LED ok, no sound

- Check microphone, check mic cable. If possible - check the sound with another cable and a microphone.
- If you are using a microphone that requires Phantom voltage - make sure that the **+ 48V button** is on.

WARRANTY STATEMENT:

1. Audiokultura warrants this product to be free from defect in materials and workmanship for three years from date of purchase.

2. A copy of the original purchase receipt must be provided for any warranty service.

3. This warranty is transferrable.

4. Any unit found defective within three years from the purchase date and returned to the factory will be repaired or replaced and sent to the customer with no charge.

The customer always pays the shipping cost to factory.

5. Module must be secured in ESD bag.

If it possible, the unit should be returned in its original package or packed in such a way that it is not damaged during the shipment.