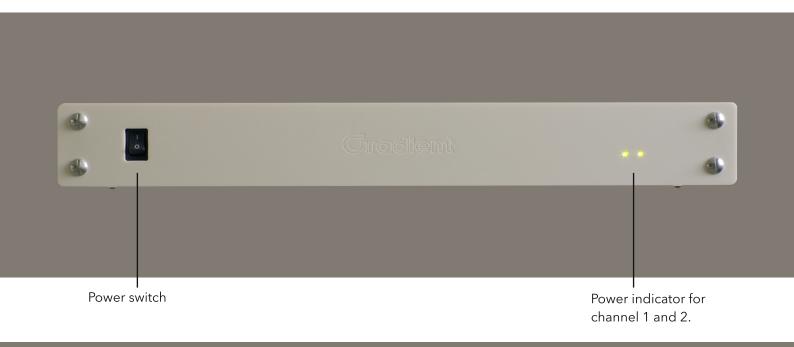
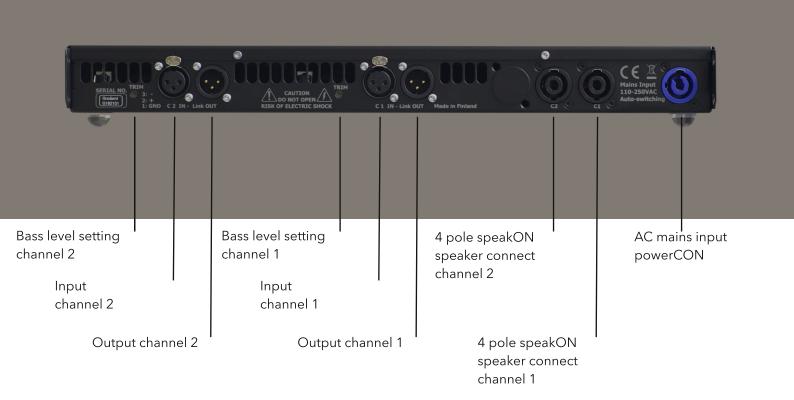
# GRADIENT XO-AMP USER GUIDE





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### CONNECTIONS

The Gradient XO-AMP shall be connected like an ordinary power amplifier, after the preamplifier. The XO-AMP is equipped with balanced Neutrik XLR - connectors. The speaker connectors are professional Neutrik speakON connectors. The speakers shall be connected in the following way:

Speakon 1+ -> Gradient SW + ; Speakon 1- -> Gradient SW - Speakon 2+ -> Main speaker - ; Speakon 2- -> Main speaker -

If one wish to use an external power amplifier, for example tube amplifier, for the midrange and treble, the XO-AMP has a line level high frequency output from the XLR-male connector.

The speakON speaker connectors feature a unique metal locking system, making contact only once fully locked. The speakON connectors are robust, versatile and easy to terminate.

Two 4-pole SpeakON cable connectors are included. They are extremely reliable and robust cable connectors with a locking system. They feature solid contacts with screw-type terminals including a stranded wire protection which offer also solder termination.

The AC-connector is professional Neutrik lockable powerCON-connector.

### **BASS LEVEL CONTROL**

The level of the signal, feeding the bass amplifier can be adjusted continuously by a trimmer adjustments at the back of the unit. The adjustment range is +/- 10dB for both channels separately. According to the personal taste and listening room acoustics the bass is easy to adjust. Once found the correct balance, there is a little need for further adjustments.

## **TECHINCAL SPECIFICATIONS**

Output power: 4 x 120W

Crossover frequency: 200Hz (Version A), 110Hz (Version B)

bass filter of band-pass type with dipole equalization.

Input impedance:  $40k\Omega$  Output impedance (line level):  $100\Omega$ 

Bass level adjustment ranges: +/-10dB both channels separately AC mains: 110-250VAC, automatic detection

Features: High-end analog signal path, Extremely low, frequency-

independent THD performance, true dual-mono design.

Dimensions (WHD): 465 x 60 x 412mm

Weight:

Finish: Chassis: black, Frontplate: Alpine white acrylic stone



