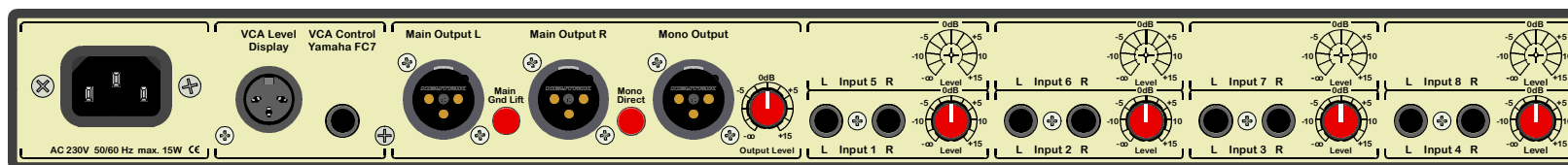
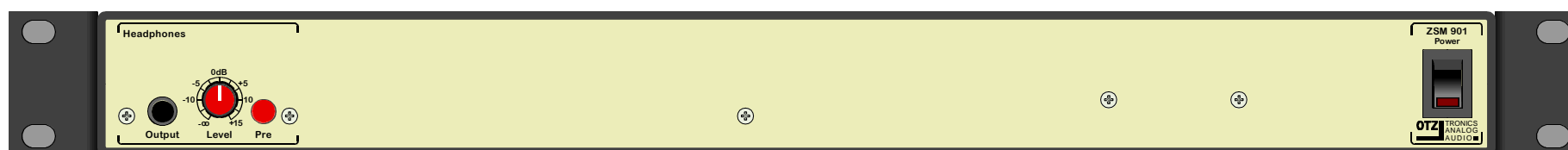


ZSM 901 KEYBOARD MIXER



ZSM 901 KEYBOARD MIXER

This mixing unit has been designed as a reaction to the suggestions of professional keyboard players:

A simple stereo mixer for summing the pre-programmed sounds and neutral leveling with foot controller.

4 balanced stereo inputs (extendable up to 8 inputs) with level control are mixed into a VCA controlled summing amplifier. Local level control pot is provided, which can also set a reference level to the additional foot controller. Main L/R outputs do have a ground lift switch. The Mono output features the summed L/R signal and can be switched to pre VCA. All outputs are electronically balanced. Lundahl transformers can be retrofitted if necessary.

The front side shows the headphones output with level pot. Default signal source is the output signal, but it can be switched to pre VCA.

The VCA Control jack connects the additional foot controller. Internal slope and gain range trimming is provided. Factory settings cover a gain range of -80 to +10dB with a FC-7 and the local level pot set to 0dB.

The level display ZSM901DP, connected to the VCA Level Display socket, allows the signalisation of the VCA level setting in the range of ca. -40 to +10dB.

OPTIONS:

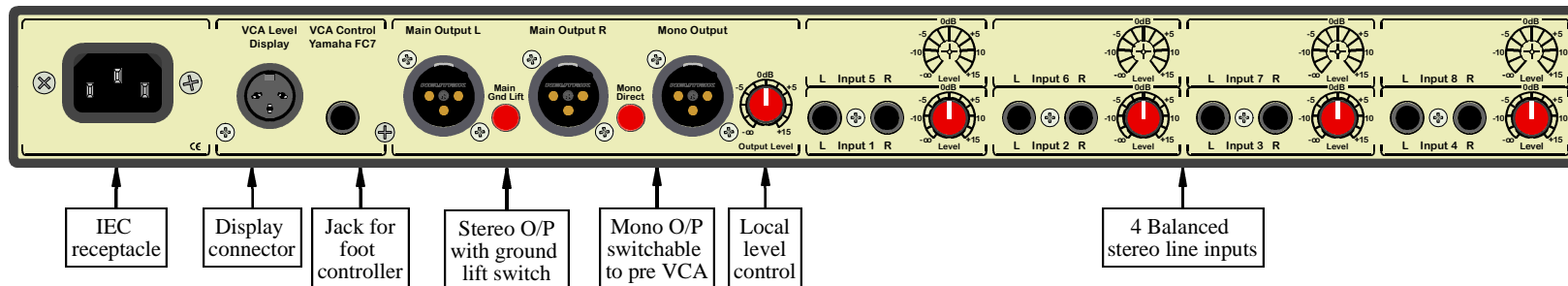
Opt.01: shipped incl. Foot Controller FC-7

Opt.02: shipped incl. Level Display ZSM901DP (standard cable length 3m)

Opt.03: shipping with additional input moduls (Opt.03/1 bis /4)

Opt.04: shipping with additional Lundahl output transformers

REAR VIEW



ZSM 901 SPECIFICATIONS:

Circuitry optimized for high headroom and wide frequency response with excellent signal-to-noise ratio:

S/N Ratio: (0dB gain) -93dBu

THD+N (ref. +6dBu) <0.005% 10Hz-40kHz

Crosstalk: > 80db/1kHz

CMR I/P: > 70dB

CMR O/P: > 40dB

Max. In/Output Level: +28 dBu @ 10 kOhm +27dBu @ 600 Ohm

Frequency Response: +0.2 /-0.5 dB 10 Hz to 100 kHz

Phase Response:

+10 to -30 degrees

Power Supply:

AC 230 V 50/60 Hz (115VAC to order)

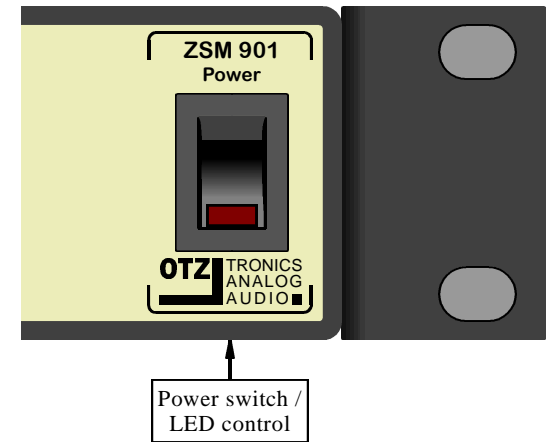
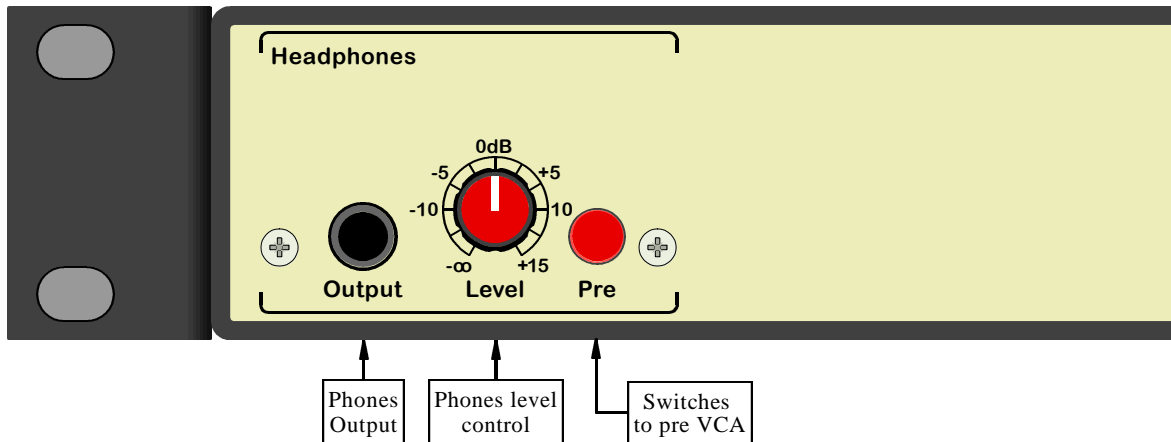
Dimensions (LxWxH):

483 x 260 x 44 mm (19" 1 U)

Weight:

2.4 kg

FRONT VIEW:



BLOCK DIAGRAM:

