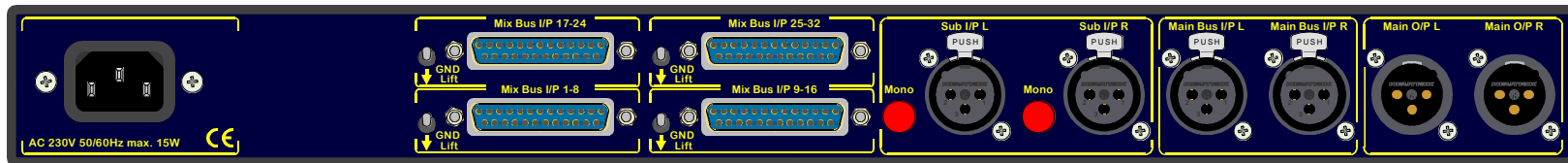
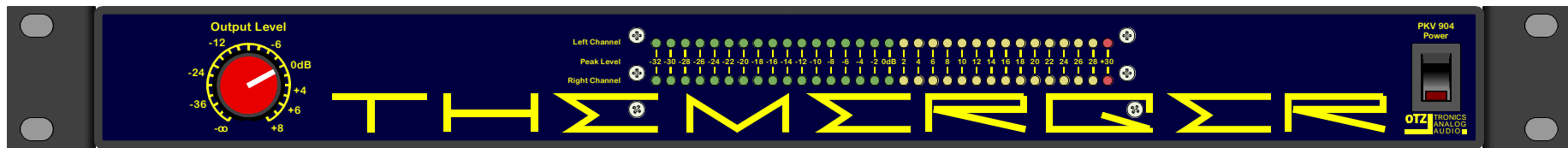


**THE MERGER** PROFESSIONAL SUMMING AMPLIFIER



## **THE MERGER** PROFESSIONAL SUMMING AMPLIFIER

Classical balanced mixing technology based on a current transformer:  
Superior mixing quality is assured by wide frequency response, perfect  
noise performance and lots of headroom.  
A total of 36 mixing inputs will handle most of the common summing  
configurations.

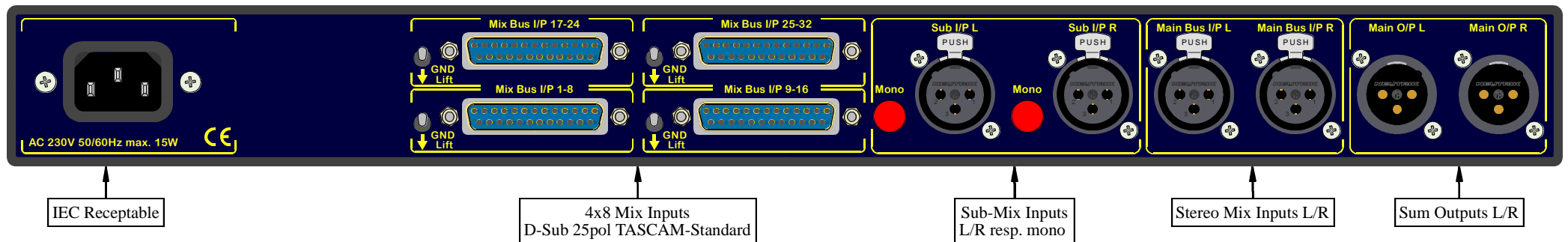
The stereo mix inputs are set to unity gain ref. to the output, while  
all other mix inputs are set to 6dB down.

Each of the four D-Sub connectors feature a ground lift switch to  
avoid ground loops.

The outputs are transformer balanced for easy interfacing.

The level pot is selected for a tracking of better than +/- 0.1db  
in the upper level range. The unit can be equipped to order  
with a TKD CP-2500 conductive plastic potentiometer.

## REAR VIEW



**THE MERGER SPECIFICATIONS:**

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

- S/N Ratio :** 100dbu @ 0dB Gain typ.
- Max. Input Level:** +30dBu
- Max. Output Level:** +30dBu
- Max. Dynamic Range:** 130dB
- Frequency Response:** 20Hz - 20kHz +/- 0.1dB / 10Hz - 100kHz + 0.1/-1.5dB
- THD+N @ +4dBu:** 40Hz <0.03% 1kHz <0.002% 40kHz <0.002% BW 80kHz
- CMR Input:** >100dB @ 1kHz >80dB 10kHz
- Crosstalk:** < 95dB typ. 1kHz 75dB typ. 10kHz (w/ standard pot)
- Phase Response:** +5 / -20 Degrees 20Hz - 20kHz typ.

**Power Supply:** 230 VAC 50/60 Hz (115VAC to order)

**Dimensions (LxWxH):** 483 x 130 x 44 mm (19" 1 HU)

**Weight:** 2.4kg

**THE MERGER FRONT VIEW:**

