



UXA4406

The UXA Series of Greybox-enabled amplifiers is the perfect match for any externally-powered EAW loudspeaker. Engineered specifically to load EAW Greyboxes™, the UXA Series incorporates high performance amplification, DSP (including Focusing™ and DynO™) and Dante networking into a compact rackmount electronics package. Multiple power levels and channel counts are available depending on the product and application. The front panel offers access to quick setup functions, with advanced control via EAW Resolution™, integrating prediction, control and monitoring in one platform.

- 4-input, 4 channel amplifier
- 1500W/ch with 4Ω nominal load
- 3000W/bridged ch-pair with 4Ω nominal load
- AES3 and Dante™ input
- Universal Mains input (85-240VAC, 50-60Hz)

Physical Specifications

Dimensions (inches/millimeters)

Height: 3.46 / 88
Width: 19 / 488
Depth: 14 / 357

Weight (pounds/kilograms)

27.55 / 12.5

Performance Specifications

Amplifier Gain

32dB

Output Dynamic Range

113dB (A-weighted)

Frequency Response

7Hz - 24kHz, -2.5/+0dB with 4Ω load

Total Harmonic Distortion (THD)

<0.05% typical with 4Ω load

Inter-channel Crosstalk

>-85dB @ 1kHz (worst case combination)

Analog Input

- +20dBu max input
- 20kΩ, electronically balanced XLR

AES Input

- Transformer isolated with unique active cable equalization for extended range
- Active AES3 signal regeneration for AES link
- Automatic direct bypass to the AES3 input allowing audio signal to flow even when the amplifier is powered down
- 24-192kHz sampling rates supported

Dante™ Input

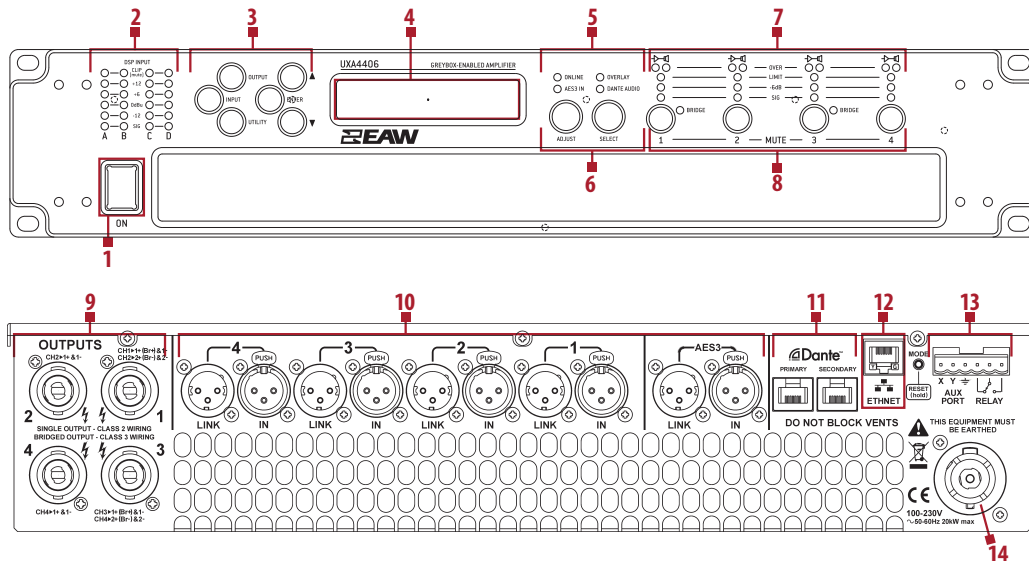
- Primary and Secondary RJ45 connectors
- 4 channel input

Mains Inrush Current (max for <10ms)

- 6A at 115V
- 12A at 230V

Power Consumption

- Idle - 130W
- 1/8th power - 600W
- 1/3rd power - 1000W
- Maximum draw - 1800W



- 1 Power
- 2 Input Meters
- 3 Menu Navigation
- 4 LCD Screen
- 5 Status LED's
- 6 Parameter Adjust
- 7 Output Meters
- 8 Output Mute Control
- 9 Outputs (Neutrik Speakon™ NL4)
- 10 Inputs
- 11 Dante Primary & Secondary
- 12 Ethernet Communications Port
- 13 Aux Port / External Monitor
- 14 AC Mains (Neutrik 32A Powecon™, mating connector supplied)