

A860

8-CHANNEL POWER AMPLIFIER

BLUESOUND
PROFESSIONAL



The Bluesound Professional A860 is a high quality 8-channel power amplifier for use in commercial installations. This 2U amplifier provides 50W x 8 at 8 Ω , 60W x 8 at 4 Ω or 120W at 8 Ω per pair of channels in bridged mode. A standby mode can be triggered remotely or automatically for low power consumption when not in use. A global input can be assigned to multiple outputs and global and local output facilitate multiple amplifier installations. Thermostatically controlled fans ensure trouble-free operation in a wide range of conditions.

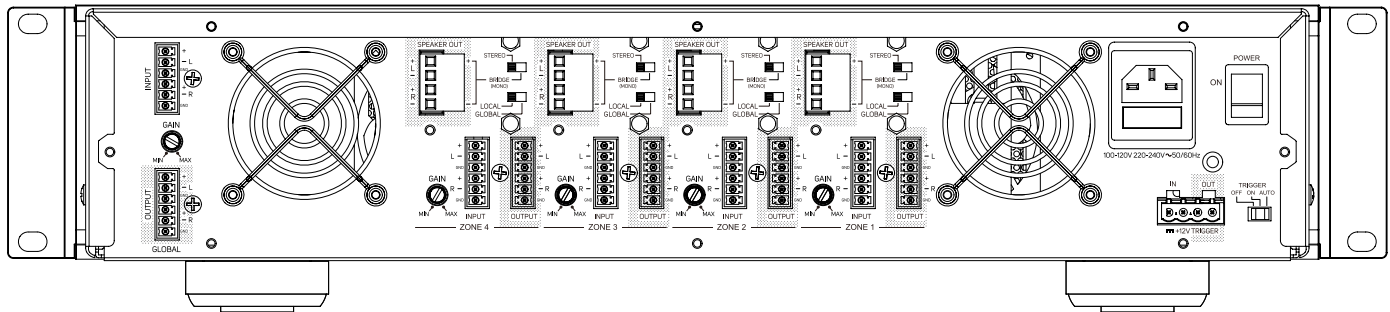
FEATURES

- 8 channels of high-quality amplification giving
 - 8 x 50W at 8 Ω
 - 8 x 60W at 4 Ω
 - 120W at 8 Ω in bridged mode
- Balanced line inputs for commercial use
- Automatic or remotely triggered standby mode for 0.5W low power consumption
- Thermostatically controlled low noise fans ensure reliable operation
- Global balanced input routable to multiple outputs
- Pass-through global and local balanced line level outputs for multi-amplifier installations
- Compact 2U rack-mount form factor
- Indicators for amplifier and channel status

ARCHITECTS & ENGINEERS SPECIFICATION

The commercial 8-channel amplifier shall provide 8 channels of amplification each with a power rating of 50W at 8Ω and 60W at 4Ω. Pairs of channels shall be bridgeable to provide 120W at 8Ω. It shall provide balanced analog line inputs per channel as well as a balance line global input which can be routed to any or all of the pairs of outputs. There shall be balanced line outputs of both the local and global inputs to allow for easy connection of multiple amplifiers to a system. The amplifier shall be capable of entering a low power mode either automatically or by remote trigger and in this mode, the amplifier shall draw 0.5W or less. The amplifier shall be cooled by thermostatically controlled fans. The amplifier shall be 2U and shall fit into a 19" rack.

The commercial 8-channel amplifier shall be the Bluesound Professional A860.



SPECIFICATIONS

CONTINUOUS OUTPUT POWER		SIGNAL/NOISE RATIO, A-WEIGHTED	>80dB (ref. 1W/8 Ohms) >100dB (ref. 50W)
8 OHMS	8 x 50W (ref. rated THD, 20Hz-20kHz, all channels driven)	MINIMUM INPUT SIGNAL TO TRIGGER (AUTO SENSE MODE)	>20mV
4 OHMS	8 x 60W	TIME TO AUTOMATIC STANDBY (WITHOUT SIGNAL AT INPUT SENSE MODE)	10 minutes
8 OHMS BRIDGE MODE	120W	RATED POWER	600W (120V 60Hz, 230V 50Hz)
RATED THD (250mW TO RATED POWER, CCIF IMD, DIM 100)	<0.03% (ref. 20Hz-20kHz)	IDLE POWER	<26W
CLIPPING POWER	>155W (ref. 1kHz, 8 Ohms, 0.1% THD)	STANDBY POWER	<0.5W
DAMPING FACTOR	>150 (ref. 8 Ohms, 50Hz and 1kHz)	DIMENSIONS (W x H x D)	483 x 105 x 323mm (19 x 4 2/16 x 12 11/16**)
INPUT SENSITIVITY	1.1V (ref. rated power)	NET WEIGHT	5.7kg (12.6lbs)
VOLTAGE GAIN	33dB	SHIPPING WEIGHT	7.1kg (15.7lbs)
FREQUENCY RESPONSE	20Hz-20kHz ±1dB		