

SONANCE

SONAMP[®] 875D MKII



Features:

65W x 8 @ 8 Ω ; 250W x 4 @ 8 Ω (bridged) in a 2U rack height chassis

RS-232 control of volume, mute, on/off, and BBE[®] sound enhancement.

Highly efficient ICEpower[®] digital amplification generates very little heat and keeps the amplifier's size to a minimum which greatly expands installation options.

BBE sound enhancement improves speaker presence and detail.

875D MKII AMPLIFIER



The Sonamp **875D MKII** utilizes four highly-efficient Bang & Olufsen ICEpower® digital amplifiers that provide 65 watts RMS per channel @ 8 ohms x 8 Channels in a 2U high package with very little heat generation. The Sonamp **875D MKII** incorporates BBE sound enhancement, improving the sound quality of your music at lower listening levels. BBE also restores clarity and definition to spoken voices, which makes paging systems easier to understand without having to run them at high volumes. Multiple audio input connections (Direct, L/R & Aux) and buffered line outputs make your **875D MKII** extremely flexible, so you can connect the amplifier in a variety of ways depending on your particular system's configuration. Recessed front-panel controls are tamper-resistant and let you adjust each channel's input level and each zone's auto-on sensitivity. The **875D MKII**'s RS-232 connection lets you use a variety of third-party serial control systems to control almost all of the 875D MKII's functions, including mute, volume, on/off and BBE per zone or for the whole amp. It also lets you monitor the amplifier's operation from a remote location. Each zone has its own 12V input and output triggers and defeatable auto-on signal sensing that help maximize power management for the channel configuration in use at any time.

Features:

Powerful & Reliable:

- 65W RMS x 8 @ 8 ohms
- Bridgeable: 250W x 4 @ 8 ohms
- Individual protection circuitry for each zone

Compact Size:

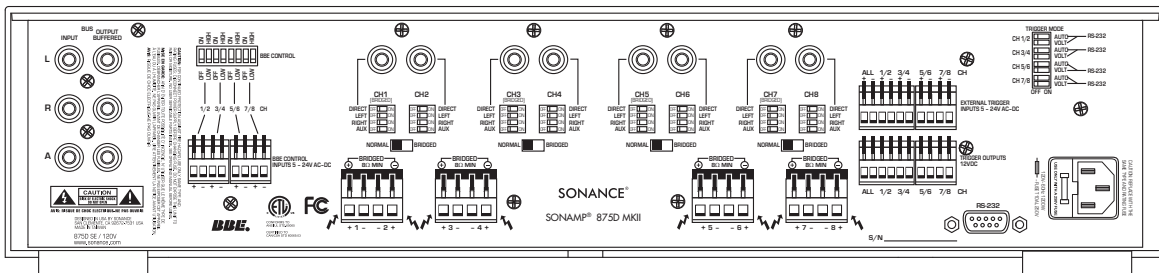
- Compact 2U rack height chassis (rack ears included).
- 87% overall amplifier efficiency.

High-End Sound Quality:

- ICEpower by Bang & Olufson and BBE sound enhancement provide audiophile-quality sound for Sonance Architectural Series® and Sound Advance® speakers

Versatile Inputs, Control and Triggering:

- 11 total inputs (8 Direct inputs, 2 L/R inputs, 1 Aux input) and 3 buffered Line Outputs (on L/R and Aux inputs)
- Defeatable auto-on signal sensing for use in distributed audio systems with in-wall volume controls
- Voltage triggers for IR control systems
- Serial control capability (via RS-232 connection) for high level integration



875D MKII EIGHT-CHANNEL POWER AMPLIFIER

Specifications:

Number of Channels:	8 (four stereo pairs)
Output Power (Stereo):	65 watts RMS per channel (X8), 0.25% THD, 20Hz – 20kHz, @ 8 ohms 120 watts per channel (X8), 0.1% THD, 1kHz, @ 4 ohms
Output Power (Bridged):	250 watts per channel (X4) @ 8 ohms
Frequency Response:	20Hz – 20kHz, ±1dB
Total Harmonic Distortion:	0.10% (1kHz, 8 ohms) 0.25% (1kHz, 4 ohms)
Signal to Noise Ratio:	-96dB (w/22kHz filter)
Input Sensitivity:	1.0V for 75W RMS Output 650 mV w/BBE ON (+3dB) 450 mV w/BBE ON (+6dB)

Input Impedance:	10k ohms
Max Source Input Voltage:	4.0 VAC RMS 3.0V AC RMS w/BBE ON
Loop Output Imp. (Buffered):	100 ohms
Serial Protocol:	9600, N, 8, 1, single CR
Power Consumption:	1,200 watts
BTU/HR:	288
AC Fuse:	10A (T10AL ~ 250V)
Dimensions (WxHxD):	16½" x 3⅞" x 17¼" (419mm x 98mm x 438mm)
Dim (w/Rack Ears, WxHxD):	19" x 3½" x 17¼" (483mm x 89mm x 438mm)
Shipping Weight:	24 lbs (11kg)

Sonance

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