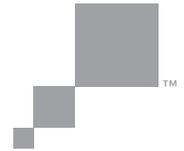# SONANCE®
SONAMP® 875D SE

Features:

The 875D SE's leading-edge Class T digital output delivers Class A/B sound quality while keeping heat output down – all in a 2U rack height package

Extensive serial control capability including volume control gives you the ability to integrate the 875D SE into any number of top-level control systems.

The 875D SE features BBE® Sound Enhancement circuitry that dramatically improves speaker presence and detail.

SONAMP® 875D SE
Stereo Power Amplifier

™

The new Sonamp 875D SE is a hybrid 8-channel amplifier that combines the efficiency of digital amplification with proven analog power supply technology, delivering unprecedented efficiency, compactness and high-end sound quality in an extremely flexible and useful package. Serial volume commands add flexibility for second zone use.

Class T digital amplification with Digital Power Processing® allows the 875D SE to deliver high power (75 watts @ 8 ohms and 140 watts @ 4 ohms x 8 channels) in an exceptionally small (2U rack height) package, with all the musical sound quality Sonamps have become known for. Unlike conventional digital amplifiers, the 875D SE's Class T circuitry allows it to operate with any of its four pairs of channels in a bridged mode, providing 300 watts x 4 channels into 8-ohm loads. Four independent power supplies (one for each zone) use trusted analog technology to assure that each zone will receive plenty of current regardless of how hard any other zones are being driven.

Serial control capability allows the 875D SE to be directly controlled by a variety of top-line 3rd-party control systems. In addition to controlling volume and an extensive array of operational features, the serial query provision also allows the 875D SE's operation to be monitored from a remote location.

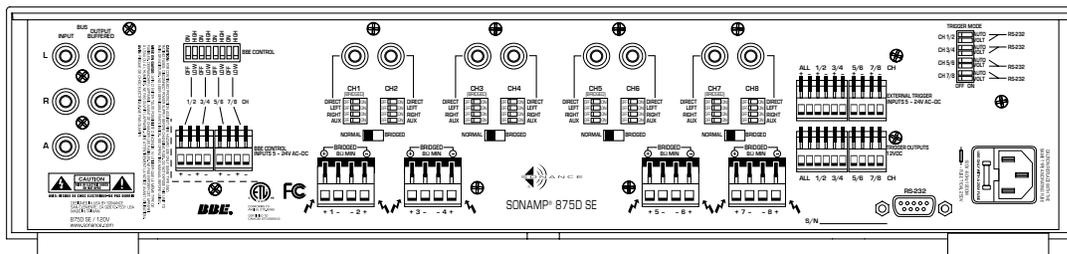The Sonamp 875D SE incorporates BBE Sound Enhancement that improves presence and detail of speakers, especially at lower power listening volumes. This makes it particularly effective at improving the sound quality of distributed audio systems playing background music. BBE also restores clarity and definition (or focus) to spoken voices, making paging systems easier to understand without having to run them at high volumes.

The 875D SE's multiple input connections (Direct, L/R & Aux) and buffered line outputs provide the connection flexibility that Sonance dealers have come to expect. 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. Recessed front-panel controls allow tamper-resistant adjustment of each channel's input level, and of each zone's auto-on sensitivity.

Features

Extensive serial control capability gives you the ability to integrate the 875D SE into any number of top-level control systems, providing

- global, zone-specific or channel-specific commands for volume and muting
- commands for setting BBE Sound Enhancement
- automatic temperature and fault alerts
- query commands allow the user to poll the amplifier so it will report its operating conditions back to the monitoring station

Specifications
875D SE Stereo Power Amplifier

Number of Channels:	8 (four stereo pairs)	Input Impedance:	10k ohms
Output Power (Stereo):	75 watts RMS per channel (X8), 0.25% THD 20Hz - 20kHz, @ 8 ohms 140 watts RMS per channel (X8) 0.1% THD 1kHz, @ 4 ohms	Maximum Source Input Voltage:	4.0 VAC RMS 3.0 VAC RMS w/BBE ON
		Loop Output Impedance (buffered):	100 ohms
		Serial Protocol (RS-232 Connection):	9600, N, 8, 1, single CR
Output Power (bridged):	300 Watts per channel (X4) @ 8 ohms	Power Consumption:	1,200 watts
Frequency Response:	20Hz – 20kHz, ±1dB	BTU/HR:	850
Total Harmonic Distortion:	0.05% (1kHz, 8 ohms) 0.10% (1kHz, 4 ohms)	AC Fuse:	10A (T10AL ~ 250V)
		Dimensions (W x H x D):	16 3/4" x 3 7/8" x 17 1/4" (425mm x 98mm x 438mm)
Signal to Noise Ratio:	-96dB (w/22kHz filter)		
Input Sensitivity:	1.5V for 75W RMS Output; 1.3V w/BBE ON (+6dB) 1.0V w/BBE ON (+9dB)	Shipping Weight:	47 lbs (21.4kg)

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