DI-1616
AMPLIFIER CONTROLLER/MONITOR

DI-1616 Amplifier Controller/Monitor

DESCRIPTION

The DI-1616 Amplifier Controller/Monitor is TOA's latest addition to the DACsys II Series and enables control and monitoring of TOA IP Series Dual Channel Amplifiers using a standard Windows 95™ based PC. With the DI-1616, you can control/monitor each IP amplifier channel's input/output levels, mute, power supply and protect mode status. A single DI-1616 supports up to 16 IP Series amplifier channels (8 IP Series power amplifiers) and communicates with the PC via RS-232C or RS-485. For large systems, you can connect up to 30 DI-1616's via RS-485 to control and monitor 480 IP Series amplifier channels (240 IP Series power amplifiers). Or, configure systems with any combination of up to 30 DACsys II units including the DI-1616, DP-0202, DP-0204/SR, or DX-0808. The DI-1616 has 16 on-board memories to store amplifier channel settings with instant recall from the unit front panel or PC. Each IP Series amplifier channel connects to the DI-1616 with the CX-9CC-2 (6.6ft/2m) or CX-9CC-5 (16.4ft/5m) interface cable (order separately). The DI-1616 occupies one rack space and includes rack-mount brackets and the DACsys II Windows 95™ control software.

FEATURES

▼ Control/monitoring of TOA IP Series amplifier channel's input/output levels, mute, power supply and protect mode status.

▼ Supports up to 16 TOA IP Series amplifier channels (8 IP Series amplifiers) per unit.

▼ Allows large system configurations of up to 30 DI-1616's via RS-485 to control and monitor up to 480 IP Series amplifier channels (240 IP Series power amplifiers).

▼ Compatible with other DACsys II models for systems with any combination of up to thirty DACsys II units including the DI-1616, DP-0202, DP-0204/SR, or DX-0808.

▼ Connects to PC with standard RS-232C or RS-485 serial link.

▼ Stores amplifier channel settings in 16 on-board memories with instant recall from the front panel or PC.

▼ Requires CX-9CC-2 (6.6ft/2m) or CX-9CC-5 (16.4ft/5m) interface cable for each IP amplifier channel (order separately).

▼ Includes dedicated DACsys II Windows 95™ control software and rack-mount brackets.
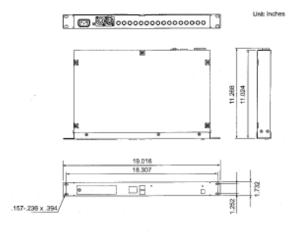
▼ Occupies one rack space and weighs 8.82 lbs. (4kg).

SPECIFICATIONS**

Model Number DI-1616

Power Requirements	AC100-240 V, 50/60 Hz, 15 W
Frequency Response	20Hz to 20kHz (+0dB, -2.0dB)
Total Harmonic Distortion	Less than 0.07% (1kHz, +4dBu*)
Control/Monitoring	16 Channels (8 IP Series power amplifiers)
Level Control	8-pin Mini-DIN Connector
	Input: 16 channels, +4dBu* nominal, 10kΩ unbal.
	Output:16 channels, +4dBu*nominal, 2kΩ unbal.
	Level setting: 0 to -∞dB changeable in 1dB steps
	(muting: -∞dB)
Monitoring	Power supply status, protection, input level, output level, mute status
Memory	16 on-board memories
Interface Standard	Single unit control: RS-232C, 9-pin D-sub
	Multiple units control: RS-485, XLR-3-31/32
Memory/Unit No. Display	Double-digit LED
Master Display	Green LED
PC Software	Windows 95™ TOA DACsys II version 2.0 or higher
Dimensions	1.73" (43.2mm) H x 19" (482mm) W x 11.27" (284.5 mm) D
Weight	8.82 lbs. (4kg)
Finish	Panel: Black paint
	Case: Color steel plate, black

*0dBu=0.775V RMS

**Specifications subject to change without notice

APPEARANCE AND DIMENSIONAL DIAGRAM

Unit: Inches