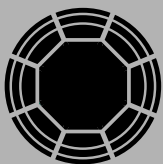


DATA SHEET

PS2415B DUAL POWER SUPPLY SOUND SYSTEM INPUT MODULE

Recreational Facilities
Transportation Terminals
Convention Centers
Correctional Facilities
Warehouse/Factories
Community Halls
Gymnasiums
Sports Arenas
Shopping Malls
Super Stores
Restaurants
Theatres
Schools
Churches

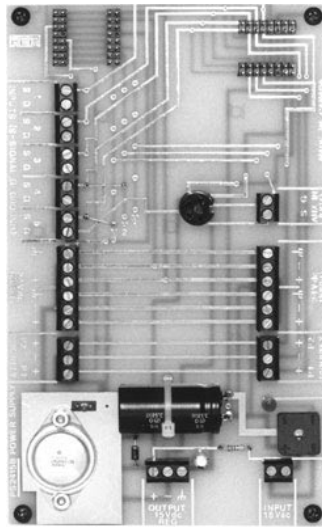
Octasound®
S O U N D A B O V E A L L



by KDM Electronics

Operational Description

The "KDM" PS2415B is a 24 volts dc unregulated and 15 volts dc regulated dual output power supply. The regulated dc output is isolated from ac line variations in order to isolate these variations from affecting the system modules. An ac plug-in transformer (18 Vac / 20 VA) is supplied to provide primary power. The interconnect portion of this module provides the external auxiliary and power inputs to the KDM MP200 Series modules. The External Sound System wiring of this module to other KDM modules (IA330A, EQ450A, MP200A etc.) is by 16 wire ribbon cable. Terminal strips can also be supplied to permit external wiring.



Technical Specifications

A.C. Voltage Input:	18 Vac, 1.1 amp (at full load)
D.C. Voltage Output:	24 Vdc \pm 15%, 15 Vdc \pm 4%
Total Output Current:	1.0 amp Max
15 Vdc Line Regulation:	0.15% for \pm 10% input variation
15 Vdc Load Regulation:	0.25% no load to full load
24 Vdc Ripple:	100 mV to 1.5 V peak to peak
15 Vdc Ripple:	1.0 mV to 3.0 mV peak to peak

Physical Specifications

Length:	7.5"	(19.0 cm)
Width:	5"	(12.7 cm)
Height:	1"	(2.5 cm)
Weight:	Net: 5.0 oz (140 g)	Shipping: 8.4 oz (238 g)

Architects and Engineers Specifications

This module shall have dual dc outputs of 24 volts (unregulated) and 15 volts (regulated), with a combined load of 1.0 amp. The 15 volt supply shall have line regulation of 0.15% for a \pm 10% line variation and 0.25% regulation, no load to full load, with ripple not to exceed 3.0 mV peak to peak. When installed in a sound system with other KDM Modules (IA330A, EQ450A, MP200A etc.) the interconnections between modules shall be via a 16 wire ribbon cable and matching connectors.

This module shall be KDM Electronics Incorporated Model PS2415B.

Ordering Information

PS2415B - Power Supply

Octasound Speakers and Sound System Modules are manufactured by the award winning company KDM Electronics Inc. With over 25 years of experience, KDM can design a turn-key sound system to meet or exceed your sound requirements.