



DMS plus® DIGITAL MULTI MEDIA SERIES

Model DMS10X - 10 CHANNEL MULTI MEDIA PREAMPLIFIER MIXER

Model DMS120P - 120 WATT 10 CHANNEL INTEGRATED AMPLIFIER

Model DMS160P - 160 WATT 10 CHANNEL INTEGRATED AMPLIFIER

Model DMS260P - 260 WATT 10 CHANNEL INTEGRATED AMPLIFIER

Model DMS360P - 360 WATT 10 CHANNEL INTEGRATED AMPLIFIER



10 CHANNEL - DIGITAL MULTI MEDIA MIXERS AND INTEGRATED AMPLIFIERS

pasos®

PROFESSIONAL AUDIO & SOUND

Engineering leadership in sound products since 1931

DMS plus®

**DIGITAL
MULTI
MEDIA
SERIES**

Model DMS360P - 360 WATT 10 CHANNEL INTEGRATED AMPLIFIER

Model DMS260P - 260 WATT 10 CHANNEL INTEGRATED AMPLIFIER



DMS10X FRONT PANEL



DMS120P - DMS160P - DMS260P - DMS360P FRONT PANEL

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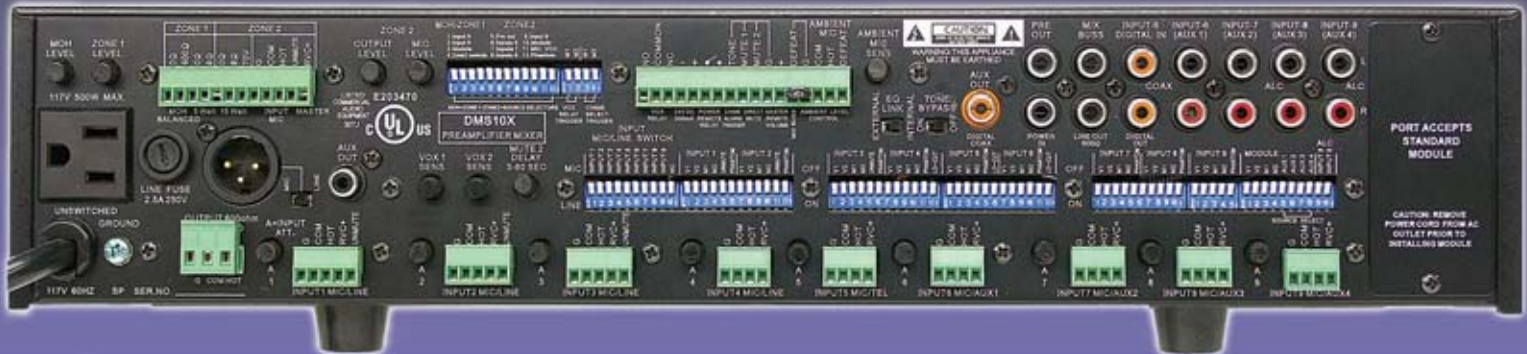
SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

10 CHANNEL - DIGITAL MEDIA PREAMPLIFIER MIXER AND INTEGRATED AMPLIFIERS

Model DMS160P - 160 WATT 10 CHANNEL INTEGRATED AMPLIFIER

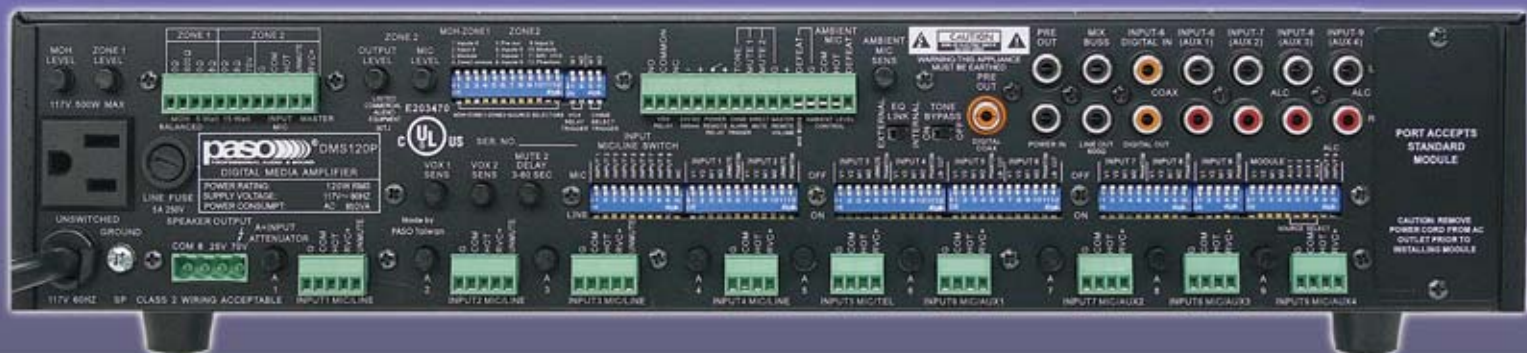
Model DMS120P - 120 WATT 10 CHANNEL INTEGRATED AMPLIFIER

Photo reduced for Web viewing



DMS10X REAR PANEL

Photo reduced for Web viewing



DMS120P - DMS160P - DMS260P - DMS360P REAR PANEL

The New DMS PLUS SERIES is like no other Amplifier Line. Every component utilized is Heavy-Duty. Built tough to take the daily punishment required for continuous operation. DMS PLUS delivers Outstanding Sonic Performance at any level of rated power and with any Speaker System Load. Break-through Technology is applied to every critical Circuitry from Power Surge Protection and Speed Controlled Fans for Thermal Protection to massive High Current Power Supplies. The Load Management System has the ability to adapt the power transfer to specific speaker loads. By delivering more current on demand to the Output Stages when Peak Power is needed the Amplifier will automatically provide the additional Reserve Headroom required. Digital Coax Inputs and Outputs are provided for outstanding sound purity with lower distortion for "Heavier Bass" and "Clearer Highs". Four models are available from 120 Watt to 360 Watt plus a Preamplifier Mixer in only 2U of Rack space.

High Performance - High Reliability Systems

DIGITAL COAX INPUTS AND OUTPUTS

Model DMS10X - 10 CHANNEL MULTI MEDIA PREAMPLIFIER MIXER

- ❑ HIGH PERFORMANCE MULTIMEDIA DIGITAL AMPLIFIERS
- ❑ 10 CHANNEL FULLY ADDRESSABLE INPUTS
- ❑ PHOENIX CONNECTORS - REAR PANEL PROGRAMMABLE
- ❑ ANALOG TO DIGITAL AND DIGITAL TO ANALOG CONVERTERS
- ❑ DUAL COAX DIGITAL INPUTS AND COAX AUX DIGITAL OUTPUT
- ❑ 600 OHM TRANSFORMER BALANCED PHONE PAGING INPUT
- ❑ ALL CHANNEL REMOTE VOLUME CONTROL CAPABILITY
- ❑ ALL CHANNEL INPUT SENSITIVITY CONTROL
- ❑ PORT FOR INPUT/OUTPUT AUDIO MODULES
- ❑ BUILT-IN REMOTE CONTROL ROOM COMBINING SYSTEM
- ❑ BUILT-IN AUTOMATIC ROOM LEVEL CONTROLLER
- ❑ BUILT-IN ZONE PAGING SYSTEM
- ❑ AUTOMATIC LEVEL CONTROL/COMPRESSORS ON AUX 3 AND 4
- ❑ WIDE POWER BANDWIDTH AND VERY LOW DISTORTION
- ❑ 2ND 5 WATT 8 OHM ZONE - 3RD 15 WATT 70 VOLT ZONE
- ❑ MUSIC ON HOLD OUTPUT WITH INDEPENDENT LEVEL CONTROL
- ❑ AUTOMATIC LOAD MANAGEMENT SYSTEM
- ❑ THERMALLY ACTIVATED VARIABLE SPEED COOLING FAN
- ❑ ON - OFF POWER REMOTE RELAY CAPABILITY
- ❑ BUILT-IN SURGE PROTECTION

SPECIFICATIONS

POWER OUTPUT: DMS120P 120 Watt RMS
 DMS160P 160 Watt RMS
 DMS260P 260 Watt RMS
 DMS360P 360 Watt RMS

FREQUENCY RESPONSE: 20 Hz - 30 kHz \pm 3 dB
DISTORTION: 0.01% THD at 1 kHz

INPUTS

INPUT 1 - MIC/LINE with RVC and UNMUTE
 INPUT 2 - MIC/LINE with RVC and UNMUTE
 INPUT 3 - MIC/LINE with RVC and UNMUTE
 INPUT 4 - MIC/LINE with RVC and LO-CUT Filter
 INPUT 5 - MIC/PHONE with RVC and LO-CUT Filter
 INPUT 6D - DIGITAL IN Coax
 INPUT 6 - MIC/AUX 1 with RVC and LO-CUT Filter
 INPUT 7 - MIC/AUX 2 with RVC
 INPUT 8 - MIC/AUX 3 with RVC
INPUT 8 - AUX 3 with Auto Level Control/COMPRESSOR
 INPUT 9 - MIC/AUX 4 with RVC
INPUT 9 - AUX 4 with Auto Level Control/COMPRESSOR Note: The ALC/COMPRESSOR operates only on AUX
 INPUT 10 - MODULE PORT (for optional Module)
 LO-CUT FILTER: -12 dB at 100 Hz
 HUM & NOISE: Mic -70 db, Aux -75 db
 INPUT 10 - Standard Module Port
 PHANTOM POWER - Inputs 1,2,3,4,5,6,7,8,9
 INPUT ATTENUATOR - Inputs 1,2,3,4,5,6,7,8,9
 REMOTE VOLUME: RVC on Inputs 1,2,3,4,5,6,7,8,9
 MASTER REMOTE VOLUME: Master Volume Control

SENSITIVITY & Z: MIC - 1.5 mV - 250 ohm balanced
 TEL - 100 mV - 600 ohm Transformer balanced
 LINE - 150 mV - 47 Kohm
 MODULE - 1 Volt - 47 Kohm

TONE CONTROLS: Bass & Treble \pm 12 dB at 100 Hz and 12 kHz

DIGITAL INPUT: Coaxial Digital In on Input 6

DIGITAL OUTPUT: AUX OUT Digital Coaxial
 Input 6D Digital Coax Out,

SAMPLE RATE: 96KHz, PCM format I2S, 24Bit
EQ LINK: Preamp Out, Power Amp In with Internal/External EQ Switch

LINE OUTPUT: Line Out 600 ohm - 1.5 V loaded
MIX BUSS: IN/OUT with Remote Control Defeat Relay

TONE BYPASS: On/Off Switch

UNMUTE Feature: On Inputs 1,2,3 and Zone 2 MIC Input

MODULE PORT: Accepts Standard Module

INTERNAL SOCKETS: PMEQ32B Equalizer Card
 AC1B/DMS Chime Card

AUTO VOX RELAY: NO/NC Contacts, VOX Activated by V1 and /or V2 - Contacts Rating 30 VDC - 7A

AUXILIARY POWER SUPPLY: 24 VDC - 500 mA regulated

CONTROLS:

Front Panel: Inputs 1 - 9 Volume, Bass, Treble, Master Volume.

Rear Panel: Inputs 1 - 9 Attenuator, VOX1 & VOX2 Sensitivity - M2/MUTE Delay

ZONE 1: MOH and Zone 1 Level Control

ZONE 2: MIC Level, Output Level Control

AMBIENT LEVEL CONTROLLER: MIC Sensitivity
 Defeat Function by
 Contacts Closure

VOX & MUTING:

VOX BUSS 1: On all Inputs via DIP Switch
 VOX BUSS 2: On all Inputs via DIP Switch
 MUTE BUSS 1: On all Inputs via DIP Switch
 MUTE BUSS 2: On all Inputs via DIP Switch
 VOX 1 and 2: Independent Adjustable Sensitivity Controls
 MUTE 2 DELAY: Adjustable 3-60 Sec. (rear panel)
 DIRECT MUTE: Mute 1 and Mute 2

ZONE 1:

MUSIC ON HOLD OUT: 600 ohm Transformer Balanced with Level Control

Z1 Power Output: 5 Watt, 8 Ohm with Level Control
 Z1 Input Source: Input 8, 9 and Module

ZONE 2:

Z2 Power Output: 15 Watt, 8 Ohm, 70 V with Control
 MIC Input: 250 ohm Balanced - 1.5 mV with Level Control - Unmute feature, Phantom Power

Z2 Input Source: Preamp. Out, Input 6,7,8,9, Module
 Remote Volume: Master Remote Volume

MIC Priority: Microphone over Input Source

OUTPUTS

MAIN OUTPUT IMPEDANCE: 8 ohm,
 25 Volt and 70 Volt line

RCA Jack: AUX OUT 47 Kohm

RCA Jack: AUX OUT Digital Coax

RCA Jack: INPUT 6D OUT Digital Coax

TERMINATIONS: Phoenix Connectors, RCA Jacks

PROGRAMMING: By DIP Switches on Rear Panel

RACK MOUNTING: Optional 19" Rack Mounting Kit

POWER REMOTE: On/Off by Remote Relay

INTERNAL COOLING FAN: Variable Speed,
 Thermally Controlled

PROTECTION: Power Surge, Overload
 and Thermal Protection

POWER REQUIREMENT: 117 Volt, 50-60 Hz

POWER CONSUMPTION AC: DMS120P = 850 VA

DMS160P = 970 VA

DMS260P = 1200VA

DMS360P = 1500VA

AC ACCESSORY OUTLET: 117 v - 500 W Max.
 Unswitched

DIMENSIONS: 17" w., 15" D., 4" H. with feet, 3.5" less feet (432X380X102 mm) (89 mm)

NET WEIGHT: DMS120P = 24 Lbs (10.9 Kg)

DMS160P = 29 Lbs (13.2 Kg)

DMS260P = 34 Lbs (15.5 Kg)

DMS360P = 37 Lbs (16.9 Kg)

HOUSING FINISH: Black

MODEL DMS10X - PREAMPLIFIER MIXER

TYPE: 10 Channel Preamp/Mixer with Digital In/Out

OUTPUTS:

XLR Male: 600 ohm Transformer Balanced
 Microphone or Line Level

Screw Terminal: 600 Ohm Transformer Balanced

RCA Jack: AUX OUT 47 Kohm

RCA Jack: AUX OUT Digital Coax

RCA Jack: INPUT 6D OUT Digital Coax

POWER CONSUMPTION AC: 600 VA

(includes AC accessory outlet)

DIMENSIONS: 17" w., 12" D., 4" H. with feet, 3.5" less feet (432X305X102 mm) (89 mm)

NET WEIGHT: 14.6 Lbs (6.7 Kg)

MODELS



DMS10X - 10 Channel Preamplifier Mixer



DMS120P - 120 W Integrated Amplifier



DMS160P - 160 W Integrated Amplifier



DMS260P - 260 W Integrated Amplifier



DMS360P - 360 W Integrated Amplifier

ACCESSORIES AND MODULES



PM01ML - Microphone/Line Input Module - Amplifier Module for DMS Series Amplifiers. Mounts on rear panel port. Versatile Input Module provides balanced Microphone Input switchable to Line Input. Remote Volume Control capability

- Microphone Input: 250 Ohm Balanced • Sensitivity: 1.5 Mv • Line Input: 47 K unbalanced • Sensitivity: 100 Mv • Microphone/Line Switch: Slide Switch on PCB • MIC Input Phantom Power: 16 + 16 Volt (PCB Jumper) • MIC Low-Cut Filter: -10 dB at 100 Hz (PCB Jumper) • Output Level Control: Front Panel Screwdriver Adjust • Remote Volume Control MIC and Line: 10 K Pot • Terminations: MIC Input = Screw terminals, Remote Volume = Screw terminals, LINE/AUX = Dual RCA Jacks • Dimensions: 1.38" W, x 3" H, x 3" D. (35X78X78 mm) • Net Weight: 5 oz. (0.15 Kg)



RVC10W - Remote Volume Control - Remote Volume Control for DMS Series Amplifiers. Decora Style Plate mounts on standard single Gang Box.. Complete with mounting hardware.

- Control Potentiometer: 10 K Ohm • Termination: 4" Pigtail, stripped and tinned • Dimensions: 4.5" H, 2.75" W, 0.6" Behind Front Plate. (115X70X16 mm) • Net Weight: 3 oz (0.088 Kg)



27/3501 - Standard 19" Rack Mounting Kit. Complete with hardware. Black Finish. 2 Units of Rack vertical space.



AC1B/DMS - Internal Plug-in Dual tone Chime Card. Mounts on main printed circuit board of Amplifier. Provides a Dual Tone Electronic Chime each time the Mute terminals are closed.



PMEQ32B - Internal Plug-in EQ Module. Mounts on main printed circuit board of Amplifier. Provides equalization for the BOSE® System 32 Speaker System.



MT250 - 250 Ohm Balanced Input Microphone Transformer Mounts on printed circuit board of Amplifier. Operates on INPUT 1 only.



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