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

PASO®

PROFESSIONAL AUDIO & SOUND

Engineering leadership in sound products since 1931
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
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

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. Breakthrough Technology is applied to every critical Circuitry. True 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 “Revered 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 150 Watt RMS
- DMS260P 260 Watt RMS
- DMS360P 360 Watt RMS

**FREQUENCY RESPONSE:** 20 Hz - 30 kHz ± 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 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

**LO-CUT FILTER:** -12 dB at 100 Hz

**HUM & NOISE:** Mic -70 db, Aux -75 db

**INPUT 10 Standard Module Port**

**PHANTOM POWER:** -1.5 mV - 250 ohm balanced

**INPUT ATTENUATOR:** -1.5, 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 & 2 MIC:** -1.5 mV - 250 ohm balanced

**TEL:** -100 mV - 600 ohm Transformer balanced

**LINE:** -150 mV - 47 Ohm

**MODULE:** -1 Volt - 47 Kohm

**TONE CONTROLS:** Bass & Treble ± 12 dB at 100 Hz and 12 kHz

**DIGITAL INPUT:** Coaxial Digital In on Input 6

**DIGITAL OUTPUT:** AUX OUT Digital Coaxial

**INPUT 6 Digital Coax Out,**

**SAMPLE RATE:** 96kHz, PCM format 125, 24Bit

**EQ LINK:** Preamp Out, Power Amp In with Internal/External EQ Switch

**LINE OUTPUT:** Line Out 600 ohm -1.5 V loaded

**MIX BUS:** In/OUT with Remote Control Defeat or Relay

**TONE BYPASS:** On/Off Switch

**INPUTS 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

**INTERNATIONAL 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

**ZONE 1:** M2 Microphone Input 1 M2/MUTE Delay

**ZONE 2:** MIC Level, Output Level Control

**AMBIENT LEVEL CONTROLLER:** MIC Sensitivity Defeat Function by Contacts Closure

**VOX & MUTING:**
- VOX BUS 1: On all Inputs via DIP Switch
- VOX BUS 2: On all Inputs via DIP Switch
- MUTE BUS 1: On all Inputs via DIP Switch
- MUTE BUS 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: Mutes 1 and Mute 2

**ZONE 1:**
- MUSIC ON HOLD OUT: 630 ohm Transformer Balanced with Level Control
- Z1 Power Output: 5 Watt, 8 Ohm with Level Control
- Z1 Input Source: Input 8, 9, and Modules

**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 8, 7, 6, 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 6 Digital Coax

**TERMINATIONS:** Features 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 = 1200 VA**

**DMS360P = 1500 VA**

**AC ACCESSORY OUTLET:** 117 v - 500 V Max. Unswitched

**DIMENSIONS:** 17" W., 15" D., 4.8" H. with feet, 5.5" less feet (432X380X103 mm) [99 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 6 Digital Coax

**POWER CONSUMPTION AC:** 600 VA

**Panel:** Includes AC accessory outlet

**DIMENSIONS:** 17" W., 13" D., 4.8" H. with feet, 3.5" less feet (432X305X102 mm) [99 mm]

**NET WEIGHT:** 14.6 lbs (6.7 Kg)