



**DMS**™  
DIGITAL MUSIC SERIES

**Digital Music  
Integrated Amplifiers**

MODULE PORT - DUAL VOX - MOH - MIC - PHONE INTERFACE - EQ LINK - 3 ZONE - VOX RELAY

**T3015DMA • 15 Watt**  
**T3030DMA • 30 Watt**



**Integrated Amplifiers**

## General Information

- ❑ High Performance
  - High Reliability Design
- ❑ Wide Frequency Response
  - Very Low Distortion
- ❑ 3 Channel Inputs
  - 3 Zone Outputs
- ❑ Microphone/Program Input
- ❑ Microphone/Telephone Input
- ❑ Transformer Balanced
  - Telephone Paging Input
- ❑ Satellite Receiver Input
  - With Variable Attenuator
- ❑ Rear Panel Port
  - Accepts Standard Module
- ❑ Auxiliary or CD Input
  - With Stereo Summing
- ❑ Independent Input Controls
  - Bass and Treble Controls
- ❑ Input/Output EQ Link/Mix Buss
- ❑ Remote Master Volume
- ❑ Addressable Dual Vox System
- ❑ Separate Dual Vox Selector
- ❑ Direct Muting with Selector
- ❑ 600 ohm and 8 ohm 1 Watt
  - Music on Hold Amplifier
- ❑ Zone 1 Amplifier, 1 Watt
  - with Separate Control
- ❑ Zone 2 Amplifier, 1 Watt
  - with Separate Control
- ❑ 24 V DC Regulated Utility
  - Power Supply Output
- ❑ Optional Pre-Paging Chime
- ❑ AC Accessory Outlet
- ❑ 8 ohm, 25 Volt & 70 Volt Outputs
- ❑ Rack Mounting with Optional Kit
- ❑ 600 ohm and 8 ohm 1 Watt
  - Music on Hold Amplifier
- ❑ MOH Amplifier Source Selector
- ❑ NO/NC VOX Operated Relay
- ❑ Low profile - 2-Units
  - of Vertical Rack space
- ❑ UL 6500 Listed (US - CANADA)

*Seventy years of innovation through technology . . . 1931 - 2001*

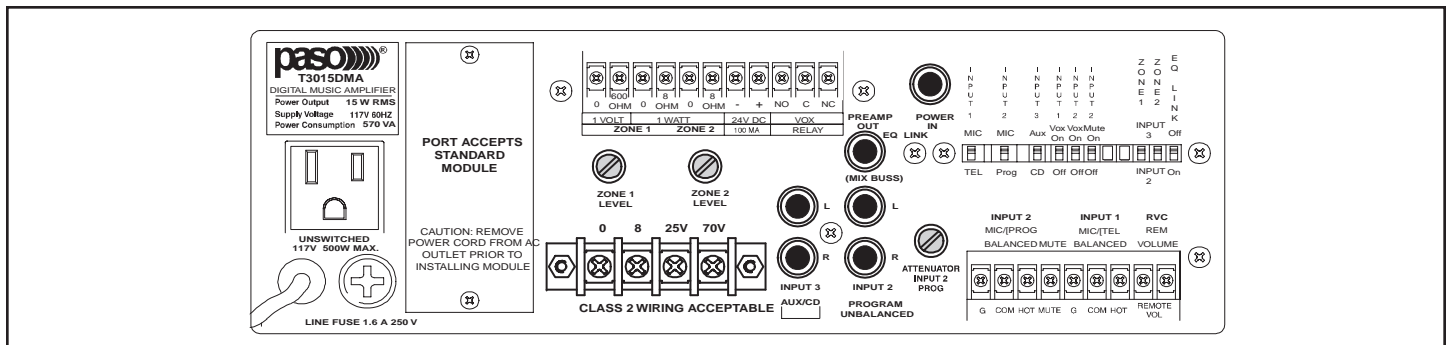
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**Specifications - Models T3015DMA - T3030DMA**

<b>Power Output:</b>	<b>T3015 DMA</b>	15 Watt RMS
	<b>T3030DMA</b>	30 Watt RMS
<b>Distortion:</b>		Less than 0.5% THD
<b>Frequency Response:</b>		20 - 20,000 Hz $\pm$ 1 db
<b>Inputs:</b>		
<b>Input 1</b>		Microphone/Telephone
<b>Input 2</b>		Microphone/Program
<b>Input 3</b>		Auxiliary/CD
<b>Sensitivity:</b>		
<b>Input 1</b>		<i>Mic</i> =1 Mv, <i>Te</i> =100 Mv
<b>Input 2</b>		<i>Mic</i> =1 Mv, <i>Program</i> =1 Volt
<b>Input 3</b>		<i>Aux</i> =200 Mv, <i>CD</i> =360 Mv
<b>Stereo Summing:</b>		Input 2 Input 3
<b>Hum &amp; Noise:</b>		<i>Mic</i> -65 db, <i>Aux</i> -75 db
<b>Telephone Input:</b>		600 ohm Transformer Balanced
<b>Input Impedance:</b>		<i>Mic</i> = 250 ohm Bal., <i>Te</i> = 600 ohm Xfmer Bal., <i>Aux/CD</i> = 47 K ohm, <i>Program</i> = 10K ohm Bal.,
<b>Music on Hold Output:</b>		1 Volt-600 ohm Balanced, 1 Watt-8 ohm
<b>Zone 1 Output:</b>		600 ohm-1 Volt, 8 ohm-1 Watt
<b>Zone 2 Output:</b>		8 ohm-1Watt
<b>Main Output Impedance:</b>		8 ohm, 25 Volt and 70 Volt line
<b>Front Panel Controls:</b>		Input 1 Volume, Input 2 Volume, Input 3 Volume, Module Level (Recessed), Bass, Treble
<b>Rear Panel Controls:</b>		Input 2 Attenuator, Zone 1 and Zone 2 Level Controls
<b>VOX Relay:</b>		Normally Open and Normally Closed Contact Terminals
<b>Utility Power Supply:</b>		24 Volt DC - 100 MA Regulated
<b>Accessory Port:</b>		Accepts Standard Module
<b>EQ Link/Mix Buss:</b>		Preamplifier out, Power Amplifier in
<b>Tone Control Action:</b>		+/-10 db at 100 Hz and 10 K hz
<b>Muting/Precedence:</b>		Dual Vox (Voice Activated) System, Direct Muting with Selector, Inputs Priority Selector
<b>Power Requirement:</b>		117 Volt, 50-60 Hz
<b>AC Power Consumption:</b>		<b>T3015DMA</b> = 570 VA - <b>T3030DMA</b> = 600 VA
<b>Terminations:</b>		Screw Terminals, RCA Jacks
<b>Housing Finish:</b>		Black
<b>Dimensions:</b>		10.5"W., 9.5"D., 3.5"H. (267X242X89 mm)
<b>Net Weight:</b>	<b>T3015DMA</b>	8 Lbs (3.7 Kg)
	<b>T3030DMA</b>	11 Lbs (5.0 Kg)



## T3015DMA - T3030DMA Rear View



### INPUT 1

#### Microphone/Telephone Input

Input 1 can be Mic. Input or a Telephone Paging Input by means of a rear panel selector. The microphone Input impedance is 250 ohm balanced and the Telephone Paging Input impedance is 600 ohm Transformer balanced.

### INPUT 2

#### Microphone/Satellite Receiver/Program Input

Input 2 can be Microphone Input, Satellite Receiver Input or Program Input by means of a rear panel selector. The microphone Input impedance is 250 ohm balanced, the Satellite Receiver Input impedance is 10K ohm balanced and the Program Input Impedance is 10K ohm unbalanced.

**INPUT 2 ATTENUATOR** - When the Input is set to Satellite Receiver/Program a rear panel Variable Attenuator is activated.

### INPUT 3

#### Auxiliary/CD Input

Input 3 can be AUX or CD Input by means of a rear panel selector. The AUX/CD Input impedance is 47K ohm unbalanced.

**STEREO SUMMING** - Two separate RCA Jacks are provided for Input 2 and Input 3 (Left and Right). A Stereo signal connected to either Input (2 or 3) is isolated and internally summed to Mono.

**EQ LINK/MIX BUSS** - Separate Input (to power amp) and Output (form preamp) may be utilized to parallel two amplifiers or as an input for a Microphone Mixer or for an External Equalizer. When used as an Input the Amplifier Level and Equalization Controls have no effect. An On/Off EQ Link switch is provided.

**REMOTE MASTER VOLUME** - Utilizes a 10K to 50K ohm External Control for Output Level Adjustment from a remote location.

**ADDRESSABLE DUAL VOX MUTING SYSTEM** - The Dual VOX System can be individually selected to operate independently with Input 1 and Input 2 by means of rear panel switches.

INPUT 1 - VOX Switch On-Off  
INPUT 2 - VOX Switch On-Off

**DIRECT MUTING** - The Direct Muting will always mute Input 3 when activated by contact closure. Input 2 can be selectively muted if the Input 2 Mute Switch is in the ON position.

**NO/NC VOX RELAY** - A VOX Relay is activated each time the VOX or the Muting functions are activated. Three terminals provide Normally Open and Normally Closed Contacts.

**MUSIC ON HOLD OUTPUT ZONE 1** - Zone 1 provides a 1 Volt, 600 ohm balanced output and a 1 Watt, 8 ohm output for Music/Message on Hold or Zone 1 Speaker Output. Rear panel switch selects the source from either Input 2 or Input 3. Level Control is provided.

**OUTPUT ZONE 2** - ZONE 2 provides a 1 Watt, 8 ohm output for Zone 2 Speaker Output. Rear panel switch selects the source from either Input 2 or Input 3. Level Control is provided.

**STANDARD MODULE PORT** - Port accepts standard plug-in module. Port Input Level Control is located on the front panel (screw-driver adjust). See list of modules available from PASO.

**24 VDC SUPPLY OUTPUT** - A 24 Volt DC Regulated Power Supply at 100 Ma is provided for external accessories or modules.

**PRE-PAGING CHIME** - Optional Pre-Paging Chime using an internal plug-in Chime Module (does not use port).

### ACCESSORIES

**27/3500** - Standard 19" Rack Mounting Kit. Complete with hardware. Black Finish. Occupies two units of vertical rack space.

**27/3503** - Wall Mounting Kit. Allows the amplifier to be wall mounted or mounted on a convenient surface. Black Finish.

**PM03W** - 3 Watt Amplifier Module. 4 ohm & 70 Volt speaker output. Internal Source Selector for Input 2, 3 or External Input. Output Level Control.

## ACCESSORIES



**27/3500** - Standard 19" Rack Mounting Kit. Complete with hardware. Black Finish. 2 Units of Rack vertical space.



**AC1/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. May be activated by the microphone Muting switch. May be used with all DMS Series Amplifiers



Distributed by:

**ALPHA COMMUNICATIONS®**  
42 CENTRAL DRIVE  
FARMINGDALE NY 11735-1202  
Phone: 631-777-5500 - Fax: 631-777-5599  
EMAIL: info@alpha-comm.com - URL: www.ALPHA-COMM.com  
FORM ED284 REV 2.0 Printed in USA

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