



**Series
3000**

**BGM/FGM
Integrated Amplifiers**

4-CHANNEL - 2 ZONE - VOX - MIC MUTE/UNMUTE - MOH - MIC - PHONE INTERFACE - AUX

T3115BGM - 15 Watt
T3130BGM - 30 Watt
T3160BGM - 60 Watt



Integrated Amplifiers

General Information

- ❑ 4 Channel Inputs
- 2 Zone Outputs
- ❑ Wide Frequency Response
- Very Low Distortion
- ❑ Balanced Microphone Input
- ❑ Phantom Power on MIC Input
 with Selector
- ❑ Transformer Balanced
- Telephone Paging Input
- ❑ Independent Telephone Input
 Level Control
- ❑ Auxiliary Input
 With Stereo Summing
- ❑ Auxiliary Input
 Sensitivity Attenuator
- ❑ Independent Balanced
 Program Input
- ❑ Independent Input Controls
 Bass and Treble Controls
- ❑ ADDRESSABLE VOX
 Voice Activated Muting
- ❑ Direct Muting or Unmuting
- ❑ 600 ohm and 8 ohm 1 Watt
 Music on Hold Amplifier
- ❑ MOH Amplifier Input
 Source Selector
- ❑ Zone 2, 1 Watt - 8 ohm Output
 with Separate Control
- ❑ AC Accessory Outlet
- ❑ 8 ohm, 25 Volt & 70 Volt
 Output Impedance
- ❑ Rack Mounting
 with Optional Kit

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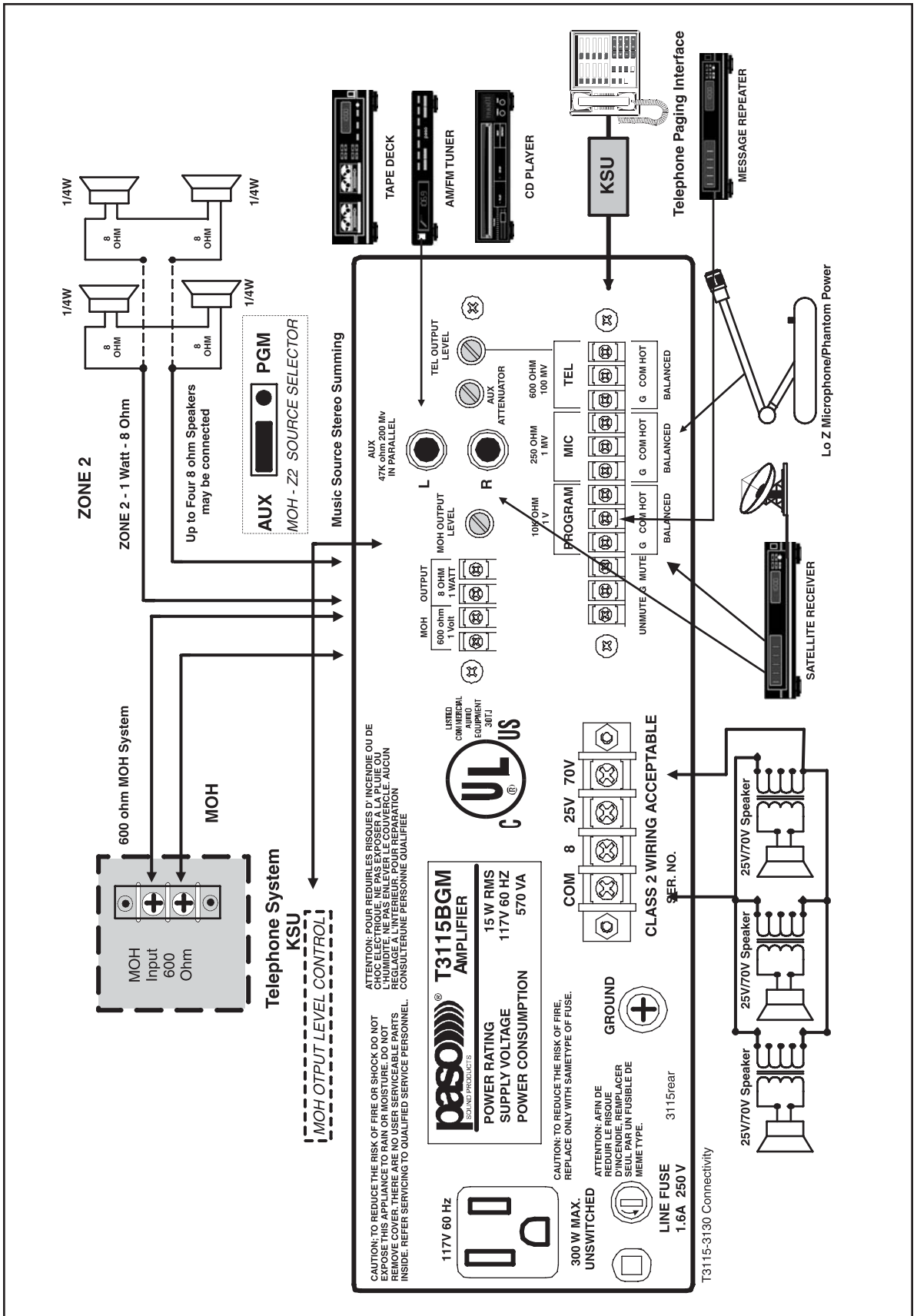
Specifications - Models T3115BGM - T3130BGM - T3160BGM

BGM/FGM Integrated Amplifiers - Specifications

Power Output:		15 Watt RMS
	T3115BGM	30 Watt RMS
	T3130BGM	60 Watt RMS
	T3160BGM	
Distortion:		Less than 0.5% THD
Frequency Response:		20 - 20,000 Hz ± 1 db
Inputs:		
Input 1		Microphone Balanced
Input 2		Telephone Transformer Balanced
Input 3		Auxiliary
Input 4		Program Balanced
Sensitivity & Z:		
Input 1		<i>Mic</i> =1 Mv - 250 ohm balanced
Input 2		<i>Tel</i> =100 Mv - 600 ohm balanced
Input 3		<i>Aux</i> =200 Mv - 47K ohm
Input 4		<i>Prog.</i> =1 Volt - 10K ohm balanced
Hum & Noise:		<i>Mic</i> -70 db, <i>Aux/Prog</i> -75 db
Telephone Input:		600 ohm Transformer balanced
Music on Hold Output:		600 ohm-1 Volt Transf. balanced
Zone 2 Output:		1 Watt-8 ohm
Output Impedance:		8 ohm, 25 Volt and 70 Volt line
Controls:		
Front Panel:		MIC Volume, AUX Volume, PROG Volume, Bass, Treble
Rear Panel		PHONE Level, AUX Attenuator, MOH & ZONE 2 Level Control
Phantom Power:		On MIC Input w/internal jumper
MOH Source:		AUX or PROG w/internal jumper
Tone Control Action:		+/-10 db at 100 Hz and 10 K hz
VOX:		Voice Activated Muting MIC/PHONE mutes AUX/PROG MIC/TEL Mutes AUX/PROG
Direct Muting:		MICROPHONE Input
Muting/Unmuting:		Optional Rack Kit Model 27/3500
Rack Mounting:		117 Volt, 50-60 Hz
Power Requirement:		T3115BGM = 570 VA - T3130BGM = 600 VA - T3160BGM = 670 VA
Power Consumption:		
AC Accessory Outlet:		500 W Max. Unswitched
Terminations:		Screw Terminals, RCA Jacks
Housing Finish:		Black
Dimensions:		10.5"W., 9.5"D., 3.5"H. (267X242X89 mm)
Net Weight:		
	T3115BGM	8 Lbs (3.7 Kg)
	T3130BGM	11 Lbs (5.0 Kg)
	T3160BGM	12.75 Lbs (5.8 Kg)

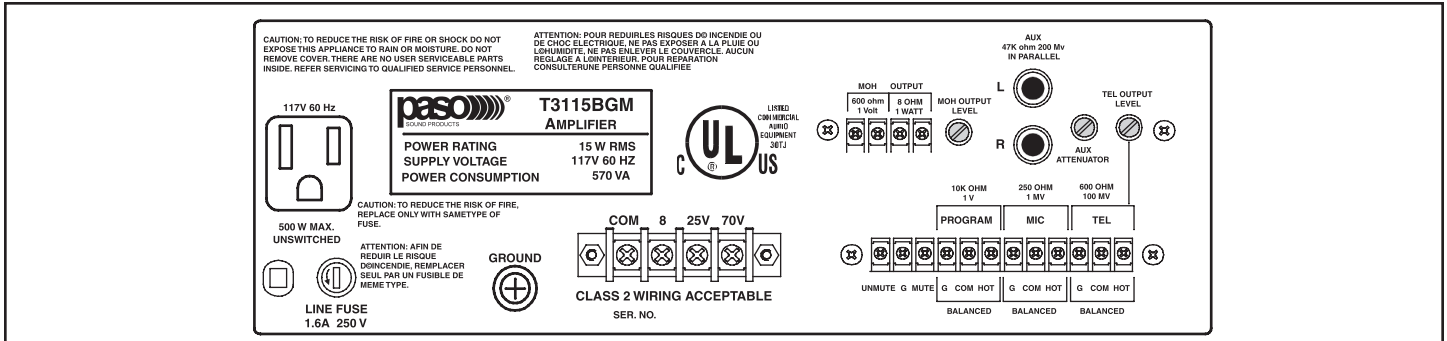
BGM/FGM Integrated Amplifiers

Series 3000



Connectivity - Applications

T3115BGM - T3130BGM - T3160BGM Rear View



INPUT 1

Microphone Input

Low Impedance Microphone Input. Impedance is 250 ohm balanced and this input can be muted or unmuted (see Muting/Unmuting function).

INPUT 2

Telephone Paging Input

Input 2 provides Telephone Paging Interface. Input Impedance is 600 ohm Transformer balanced. A rear panel Output Level Control is provided.

INPUT 3

Auxiliary Input

Input 3 can be AUX, CD or SATELLITE RECEIVER Input. The AUX Input impedance is 47K ohm unbalanced.

INPUT 3 ATTENUATOR

A rear panel Variable Attenuator is provided to set the Sensitivity Threshold of this input. By adjusting the Attenuator the sensitivity may be changed from 100 Mv to 5 Volt.

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

INPUT 4

Program Input

Balanced Program Input may be used as a Satellite Receiver Input, Message Repeater Input or Line Input.

CONTROLS

Front Panel Controls - Microphone, Auxiliary, Program, Bass and Treble

Rear Panel Controls - Telephone Output Level, AUX Attenuator and MOH/ZONE 2 Output Level.

VOX - Voice Activated Muting - The VOX Muting System is activated by the Microphone Input or the Telephone Input and mutes the AUX and PROGRAM Inputs.

ADDRESSABLE VOX - The AUX INPUT and the PROGRAM INPUT may be Muted or not Muted by internal Jumper. If the MUTE is ON (can be selected independently for AUX and PROGRAM) a Page from the Microphone or Telephone will mute either the AUX or the PROGRAM INPUT or both.

DIRECT UNMUTING - The MICROPHONE Input can be set to be normally MUTED (by internal jumper) until activated by contact closure of the UNMUTE and G Terminals.

MUSIC ON HOLD OUTPUT - Provides a 1 Volt, 600 ohm, Transformer balanced output for Music/Message on Hold. Internal jumper selects the source from either Aux Input or Program Input. Level Control is provided. Not affected by paging or muting.

ZONE 2 OUTPUT - Provides a 1 Watt, 8 ohm output for Zone 2 Speaker Output. Internal jumper selects the source from either Aux Input or Program Input. Level Control is provided. Not affected by paging or muting.

AC ACCESSORY OUTLET - 500 Watt unswitched.

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.

ACCESSORIES



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



27/3503 - Wall Mounting Kit. Allows the amplifier to be wall mounted or mounted on a convenient surface. Black Finish. For T3115BGM - T3130BGM and T3160BGM.



since 1931

AUTHORIZED DISTRIBUTOR

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