



The Ashly TM-360 is a mixer and 60W mono power amplifier for applications that require background music and/or paging. Input 1 is a balanced microphone (phantom power available) or line input (Euroblock). Inputs 2 and 3 are balanced line level (Euroblock) or stereo summing (dual RCA). A front panel stereo 'mini-jack' is routed to Input 2 and will bypass the back panel input connectors. Each input has an independent gain control, signal presence LED, and front panel level control.

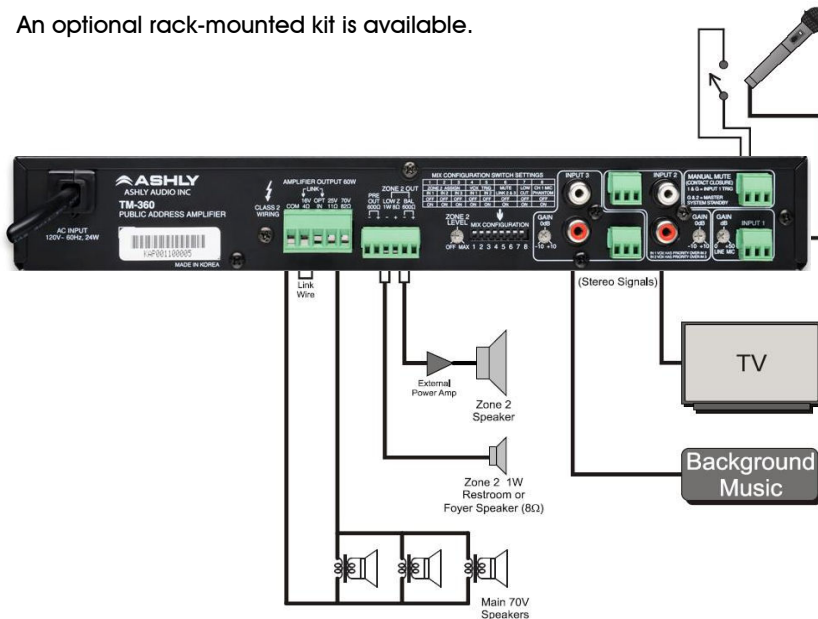
The TM-360 includes versatile priority-mute functions. Input 2 can be muted by audio on Input 1. Input 3 can be muted by audio on Input 1 or 2. The front panel signal presence LEDs on each input function as priority 'mute' indicators. A manual mute function can be engaged using a contact closure.

A 'Zone 2' output (1W-8 ohms and/or line level) with level control can have selected inputs assigned.

Bass and Treble controls are on the main output. A 400Hz low-cut filter can be engaged on the main output when needed for paging horn applications. The main output (Euroblock) is rated at 60W into 4 ohms (direct) and transformer isolated at 25V and 70V. Export versions with 100VAC or 230VAC input are 60W output at 4 ohms, 70V, and 100V.

The TM-360 has a power saving mode that will engage after 25 minutes of audio inactivity, or can be manually engaged using a contact closure. The front panel 'power' LED turns from blue (normal) to red when the unit is saving power.

An optional rack-mounted kit is available.



## Features:

- **3 Inputs:**
  - 1 x mic/line (balanced Euroblock)
  - 2 x line/stereo (bal Euroblock, unbal stereo)
- **Independent Input Gain**
- **Priority Mute**
- **Signal Presence LEDs**
- **Zone 2 Output for Selected inputs**
- **Bass & Treble Controls**
- **Selectable 400Hz low-cut filter**
- **60W Output:**
  - 4 Ohms (direct out)
  - 25V Transformer Isolated (US)
  - 70V Transformer Isolated
  - 100V Transformer Isolated (EC, Japan)
- **Power Saving Mode**
  - manual or automatic
- **100-120-230VAC models**
  - 100VAC (Japan)
  - 120VAC (USA, Canada and Associated)
  - 230VAC (EC and Associated)
- **Optional Rack Kit**
  - part number : RMK-360
- **5 Year Warranty**

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# Public Address Amplifier

# Product Specifications

## TM-360

Rated Output Power (THD 1%)		60W (RMS)		
Output Voltage/Impedance	USA/Canada & Associated EC & Associated, Japan	4Ω / 15.5V 4Ω / 15.5V	10.4Ω/ 25V 82Ω / 70V	82Ω / 70V 167Ω / 100V
Frequency Response (1W @ 1KHz)	Input 1,2,3	+1/-3dB, 80Hz – 15KHz		
THD (60W @ 1KHz)		<1%		
S/N Ratio (60W @ 1KHz, A-weighted)	Input 1,2,3	>80dB		
Input Sensitivity	Input 1	-10dBV to -50dBV		
	Input 1,2	0dBV to -20dBV		
Tone Control	Treble (10KHz)	±10dB		
	Bass (100Hz)	±10dB		
Residual Noise (Input 1-3 volume min, tone at center)	Master volume minimum	-72dB		
	Master volume maximum	-57dB		
Zone 2 Output	Rated power 8Ω (RMS, THD 3%)	1W		
	Balanced 600Ω	2.4V		
PRE Out (input -10dBV)		0dBV		
Mix Configuration Switches	SW1	Zone 2 Assign Input 1		
	SW2	Zone 2 Assign Input 2		
	SW3	Zone 2 Assign Input 3		
	SW4	VOX Trigger Input 1		
	SW5	VOX Trigger Input 2		
	SW6	Mute Link Input 2 & 3		
	SW7	Low Cut, 400Hz 6dB/Oct.		
	SW8	Ch1 Phantom Power, +18V		
Manual Mute Contact Closure		Pins 1 & G = Input 1 Mute Trigger		
Master System Standby Contact Closure		Pins G & 2 = Power Standby		
AC Requirements		100VAC, 50/60Hz, 24W (Japan)		
		120VAC, 60Hz, 24W (USA & Canada and Associated) 230VAC, 50/60Hz, 24W (EC and Associated)		
Line Current Draw @ 120VAC 60Hz (for 230VAC models, divide line current draw values by 2)	Standby	0.15A		
	Idle	0.24A		
	1/8 <sup>th</sup> Power Pink Noise	0.38A		
	1/3 <sup>rd</sup> Power Sine Wave	0.66A		
Thermal Dissipation (BTU/hr)	Standby	26		
	Idle	43		
	1/8 <sup>th</sup> Power Pink Noise	53		
	1/3 <sup>rd</sup> Power Sine Wave	75		
Environmental		40°F ~ 120°F (4° ~ 49°C) non-condensing		
Weight		8.6lb (3.9kg)		
Dimensions		11.4"W x 3"H x 7.3"D (290mm x 76mm x 185mm)		
Accessories		Rack Mount Kit PN: RMK-360		

\* Specifications and design subject to change without notice. Note: 0dBV = 1V



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