



TM-335 35-WATT COMPACT MIXER/AMPLIFIER

The **TM-335** is a mixer and 35W mono power amplifier for applications that require public address, background music and/or paging.

Input 1 is a balanced microphone input (Euroblock). Input 2 is a balanced microphone input (Euroblock) or summed stereo input (Euroblock or minijack). Input 3 is a balanced microphone input (Euroblock) or summed stereo input (dual RCA). Inputs 1-2-3 have front panel level controls and use fixed gain; microphones are 50dB and stereo inputs are 15dB.

A dedicated balanced telephone input is included (Euroblock). The telephone input has a level control on the rear panel.

The TM-335 includes a priority-mute function. Inputs 2 and 3 can be muted by audio on Input 1. Inputs 1, 2 and 3 can be muted by audio on the telephone input. Input 1 and the telephone input have independent "muting depth" controls. This control will set the output level of muted inputs.

Bass and Treble controls are on the main output. The main output (Euroblock) is transformer isolated and rated at 35W into 4 Ohms, 8 Ohms, 25V and 70V.

Export versions with 100VAC or 230VAC input are 35W output at 4 Ohms, 8 Ohms, 70V, and 100V.

TM-335 Features:

- Inputs 1-2-3 are mic/line, 2-3 sum stereo inputs
- Mute priority
- Rear panel switches select mic or stereo line inputs
- Optional rack kit available
- Dedicated telephone page input
- Safety/Compliance: cCSA_{us}, CE, FCC, RoHS

Specifications	Note: 0dBV = 1V
Channels	3
Signal to Noise (26dB Gain)	89dB
Output Power: 5% THD	
4 Ohms, 8 Ohms, 25V, 70V	35W
Line Current Draw: @ 120VAC 60Hz (Divide values by 2 for 230VAC)	
Standby Mode	0.11A
Typical (1/8 power pink noise)	0.27A
Max (1/3 power sine wave)	0.31A
Thermal Dissipation: BTU/hr	
Standby Mode	30
Typical (1/8 power pink noise)	68
Max (1/3 power sine wave)	75



General	
Operating Temp	-10°C ~ +40°C
Tone Control	Bass (100Hz) ±10dB, Treble (10kHz) ±10dB
Input Sensitivity	-50dBV / 600 Ohms (Mic 1, 2, 3) -15dBV / 10k Ohms (Aux, CD/Satellite)
Frequency Response (+0, -3dB)	130Hz-20kHz (Mic 1, 2, 3) 50Hz-20kHz (Aux, CD/Satellite) 330Hz-3kHz (Telephone)
THD	< 5% (35W @ 1kHz)
Dimensions	11.4"W x 3"H x 7.3"D (290mm x 76mm x 185mm)
Unit Weight	8.7lbs (3.95kg)
Shipping Weight	11lbs (5kg)
Power Requirements*	100-120VAC, 50/60Hz or 220-240VAC, 50/60Hz

*Supplied AC mains transformer depends on country requirements. ©2014 All features, specifications and graphical representations are subject to change without notice.



TM-335

ARCHITECT & ENGINEERING SPECS

The unit shall be a three input mixer combined with a 35W amplifier using transformer isolated outputs for Low Z (4 Ohm), 25V, or 70V speakers. There shall be a front panel level control for each Mic input, a master level control, and a master bass and treble control. Input 1 shall be balanced Mic level on Euroblock. Input 2 shall be selectable between balanced Mic level on Euroblock or Stereo Aux input on Euroblock or 3.5mm TRS jack, with TRS input overriding Euroblock. Input 3 shall be selectable between balanced Mic level on Euroblock or stereo CD/Satellite input on RCA jacks. The unit shall have a dedicated balanced Telephone input with gain control. Telephone input shall have ducking priority over all other inputs, with dedicated Ducking Depth control. Mic 1 input shall have ducking priority over Inputs 2 and 3, with dedicated ducking depth control. The unit shall be pre-wired for either 120VAC or 240VAC mains. The unit shall weigh 8.7 lbs (3.95kg), and have dimensions of 11.4"W x 3"H x 7.3"D (290mm x 76mm x 185mm). The unit shall have an optional rack-mounting kit available for standard 19" rack. The unit shall be cCSAus listed for safety. No other unit shall be acceptable unless all specifications herein are verified through an independent agent.

The unit shall be an Ashly **TM-335**.

