

# Specifications

<b>Model</b>	<b>QUAD 303</b>
General Description	Power Amplifier
Design Philosophy and Core Technology	Class AB Power Amplifier QUAD 303 Triples Output Stage Custom 200VA Toroidal Transformer Stereo/Bridge mode selection
Inputs	1 x Line, 1 x XLR
Outputs	1 x 12V Trigger 1 x Stereo Speaker, 1 x 12V Trigger (Link)
<b>Power Amplifier Section</b>	
Gain	+29dB
FTC Power Output Rating <small>(The rated power output is measured in compliance with the FTC standard test conditions )</small>	Stereo: 2 x 49.5W (8 ohm, THD=1%) Stereo: 2 x 70W (4 ohm, THD<1%) Bridge: 140W (8 ohm, THD<1%) Bridge: 170W (4 ohm, THD<1%)
Frequency Response	20Hz - 20kHz (+/-0.3dB)
Total Harmonic Distortion (THD)	<0.002% (1kHz )
Input Impedance	15k ohms (Line) 22k ohms (XLR)
Input Sensitivity	695mVrms (Line) 1.5Vrms (XLR)
Signal-to-Noise Ratio (S/N)	> 108dB (A - weighted)
Max. Output Current	10A
<b>General</b>	
Standby Power Consumption	<0.5W
Net Weight	8.4kg
Gross Weight	9.5kg
Dimensions (mm) (W x H x D)	120 x 176 x 325
Carton Size (mm) (W x H x D)	226 x 312 x 462
<b>Finish</b>	
Power Requirements (depending on region)	220 - 240V - 50 / 60Hz 100 - 120V - 50 / 60Hz
Standard Accessories	Power Cord, Remote Control, User Manual

## FTC Standard Test Conditions (§ 432.3 Standard test conditions.)

Any power level from 250 mW to the rated power shall be obtainable at all frequencies within the rated power band of 20 Hz to 20 kHz without exceeding 1.0% of total harmonic distortion plus noise (THD+N) at an impedance of 8 ohms after input signals at said frequencies have been continuously applied at full rated power for not less than five (5) minutes at the amplifier’s auxiliary input, or if not provided, at the phono input. Provided, however, that for amplifiers utilised as a component in a self-powered subwoofer in a self-powered subwoofer-satellite speaker system that employs two or more amplifiers dedicated to different portions of the audio frequency spectrum, any power level from 250mW to the rated power shall be obtainable at all frequencies within the subwoofer amplifier’s intended operating bandwidth without exceeding 1.0% of total harmonic distortion plus noise (THD+N) at an impedance of 8 ohms after input signals at said frequencies have been continuously applied at full rated power for not less than five (5) minutes at the amplifier’s auxiliary input, or if not provided, at the phono input.

