



49WXA3600.1

3600 Watt Class D Mono Amplifier, RoHS Compliant

Specifications

Electrical Parameters

Power (@14.4V, <1%THD+N)	4Ω	1400W x 1
Power (@14.4V, <1%THD+N)	2Ω	2500W x 1
Power (@14.4V, <1%THD+N)	1Ω	3600W x 1
Dynamic Power (@14.4V, <10%THD+N)	1Ω	5000W
Lowest Rated Impedance		1Ω
Signal to Noise Ratio (CEA)	1W	>-70dB
Signal to Noise Ratio	Rated Power	>-90dB
CMRR	50Hz	-40dB
Input Impedance		>20kΩ
Frequency Response		10Hz - 200Hz
Variable LoPass Filter	24dB / Octave LR	50Hz - 200Hz
Defeatable Subsonic Filter	24dB / Octave LR	15Hz
Standby Current (Remote Off)		<2mA
Idle Current (Remote On)		<5A
Current Draw (Rated Power)		<400A
Remote Gain Attenuation		-26dB - 0dB
Low Level Input Sensitivity		125mV - 5V
High Level Input Sensitivity		1V - 40V
Under Voltage Protection		6.5V (warning at 10.5V)
Over Voltage Protection		16V (warning at 15.25V)
Comp Mode Input Sensitivity		Fixed 4V
Comp Mode LP Crossover	24dB / Octave LR	Fixed 200Hz

What's in the box?

49WXA3600.1

WXARC Remote Level Control - 19.75ft locking 3.5mm cable included

WXAVM Diagnostic Tool - 19.75ft RJ45 cable included

WXA3600.1 Amplifier Owner's Manual

Hardware Pack - 3mm and 5mm hex key & mounting hardware

Physical Materials

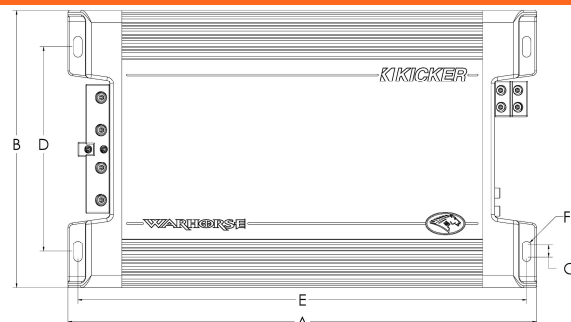
Heat Sink	Anodized Extruded Aluminum
End Caps	Powder Coated Cast Aluminum
Bottom Panel	Powder Coated Stamped Steel
WXARC	Powder Coated Aluminum Housing
WXAVM	Powder Coated Aluminum Housing



Features

- **Competition Mode** - fixed LoPass, fixed input sensitivity, and more
- **FIT+ Differential Inputs** - near universal compatibility with source units
- **Intake & Exhaust Fans** - microcontroller controlled fans
- **Defeatable 15Hz Subsonic Filter** for subwoofer protection
- **Fully Start/Stop Compliant** - operational down to 6.5V
- **Dual 1/0AWG Power & Ground Terminals**
- **Dual 4AWG Speaker Terminals**

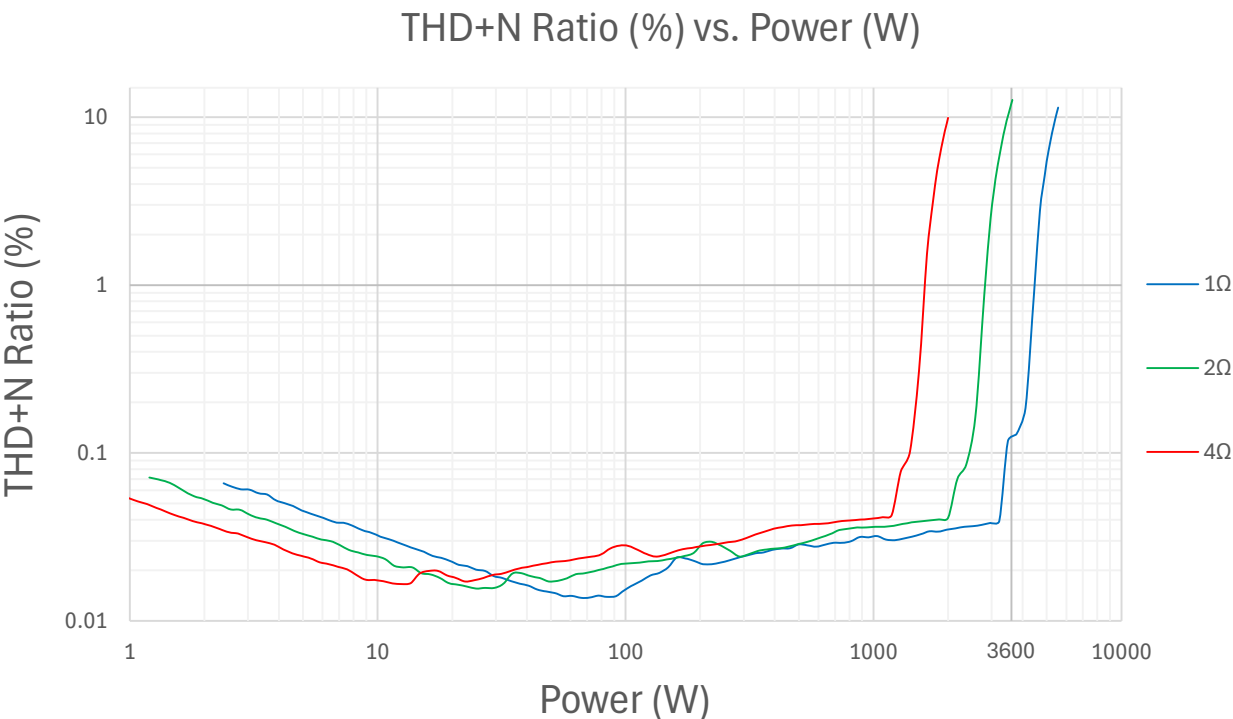
Unit Dimensions



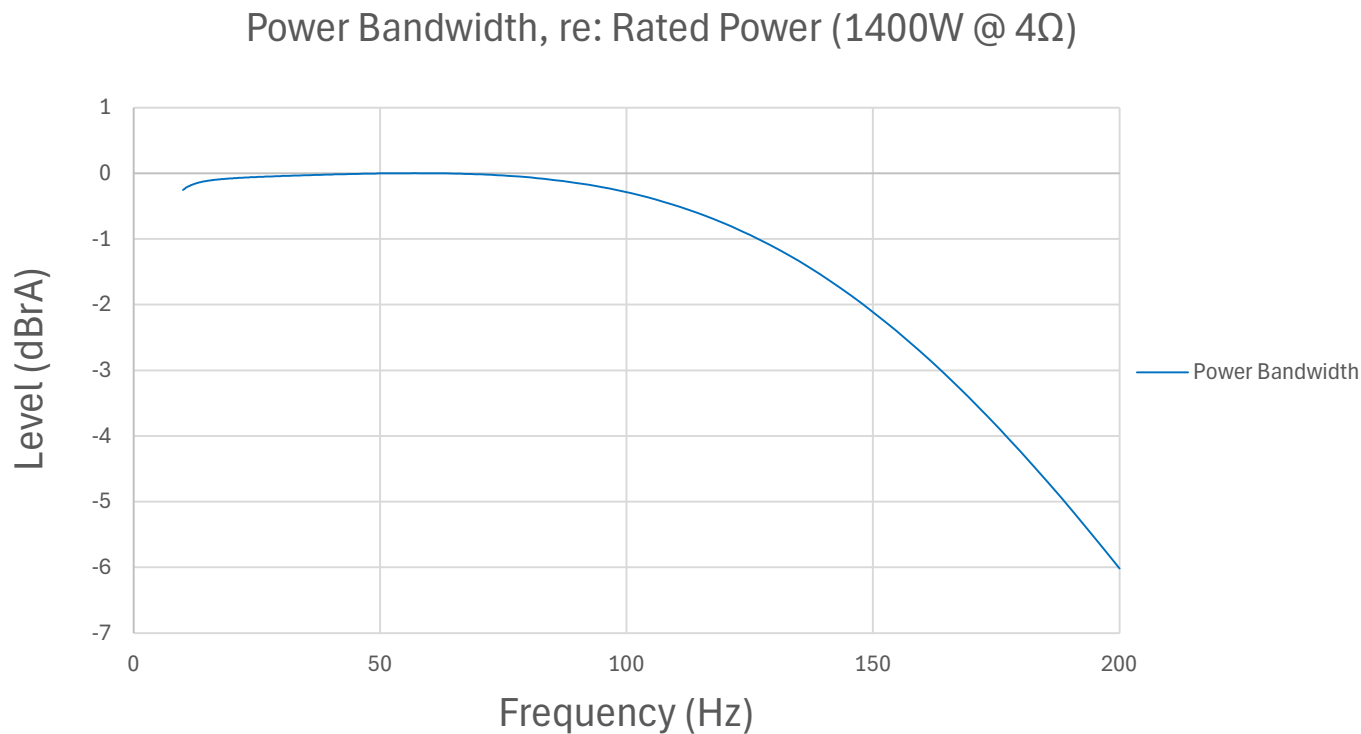
A - Overall Length	15-3/8"	391.0mm
B - Overall Width	9-1/8"	232.0mm
C - Overall Height	2-9/16"	65.0mm
D - Mounting Holes Location - Width	6-3/4"	172.0mm
E - Mounting Holes Location - Length	14-3/4"	375.0mm
F - Mounting Hole Diameter	5/16"	7.2mm
G - Mounting Hole Width	3/8"	10.0mm

Technical Graph Data

THD+N vs. Power (W) @14.4VDC

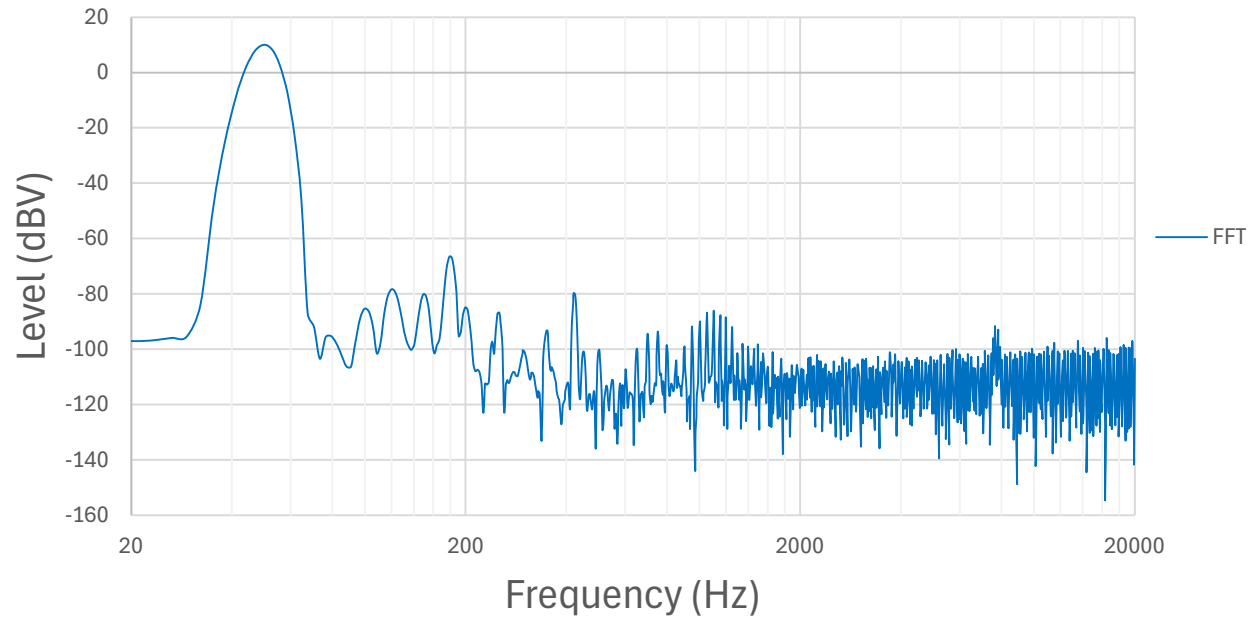


Power Bandwidth (4Ω) @14.4VDC



FFT

FFT (50Hz Signal)



Crossover Frequency Response

Crossover Frequency Response

