

A Series Amplifiers

specifications

Models rated into minimum 4Ω load

Specifications	A500	AI000	AI004	AI500	Q6	Q1004	QB1000/600
RMS Power Output into 4Ω, watts per channel into 8Ω, watts per channel	350 200	600 350	1000 600	1250 650	600 350	1000 600	2 x 1000 / 2 x 600 2 x 600 / 2 x 375
No of Channels	2	2	2	2	4	4	4
Power Bandwidth +0dB, -3dB	2Hz-40kHz	2Hz-80kHz	2Hz-80kHz	2Hz-80kHz	2Hz-80kHz	2Hz-80kHz	2Hz-80kHz
Slew Rate in excess of	40V/μs	75V/μs	75V/μs	60V/μs	75V/μs	75V/μs	75V/μs
Gain	x 37.5	x 50	x 65	x 70	x 50	x 65	x 65 / x 50
Total Harmonic Distortion Typical @ 1dB below clip 20kHz @ 1dB below clip	0.06% 0.08%	0.04% 0.07%	0.04% 0.07%	0.04% 0.07%	0.04% 0.07%	0.04% 0.07%	0.04% 0.07%
Signal to Noise Ratio Typical ref. full output, unweighted Worst case 10Hz - 30kHz	-120dB -95dB	-125dB -95dB	-125dB -95dB	-125dB -95dB	-125dB -95dB	-125dB -95dB	-125dB -95dB
Crosstalk Typical Worst case 10Hz - 30kHz	-115dB -95dB	-115dB -95dB	-115dB -95dB	-115dB -95dB	-115dB -95dB	-115dB -95dB	-115dB -95dB
Damping Factor	400	400	400	400	400	400	400
Input Impedance electronically balanced	10k Ohm	10k Ohm	10k Ohm	10k Ohm	10k Ohm	10k Ohm	10k Ohm
Common Mode Rejection typically	-70dB	-70dB	-70dB	-70dB	-70dB	-70dB	-70dB
Input Sensitivity ref. full output into 4 ohms	1V RMS	1V RMS	1V RMS	1V RMS	1V RMS	1V RMS	1V RMS
Protection Clipping Load below 2.4 ohms Shorted Output, DC or RF at Output	Soft Dynamic linear Immediate	Soft Dynamic linear Immediate	Soft Dynamic linear Immediate	Soft Dynamic linear Immediate	Soft Dynamic linear Immediate	Soft Dynamic linear Immediate	Soft Dynamic linear Immediate
Power Consumption	1.2kVA	2kVA	3.3kVA	4kVA	4kVA	6.6kVA	5.5kVA
Power Requirements 50/60Hz ac in volts Internally selectable for	220-240v 100-120v	220-240v 100-120v	220-240v 100-120v	220-240v 100-120v	220-240v 100-120v	220-240v N/A	220-240v 100-120v
Dimensions Rack Units Height x Width x Depth in inches Height x Width x Depth in mm	1u 1.75 x 19 x 8.5 44 x 483 x 215	2u 3.5 x 19 x 15 88 x 483 x 381	2u 3.5 x 19 x 15 88 x 483 x 381	2u 3.5 x 19 x 15 88 x 483 x 381	2u 3.5 x 19 x 15 88 x 483 x 381	3u 5.25 x 19 x 15 132 x 483 x 381	3u 5.25 x 19 x 15 132 x 483 x 381
Weight Gross in kg/lbs Net in kg/lbs	5.2kg/11.5lbs 4.7kg/9lbs	10kg/22lbs 8.4kg/18.5lbs	13.3kg/29lbs 11.7kg/26lbs	13.3kg/29lbs 11.7kg/26lbs	14kg/30.9lbs 12.3kg/27lbs	16kg/34lbs 14kg/29.6lbs	20kg/44lbs 18kg/40.5lbs

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A Series Amplifiers

specifications

Models rated into minimum 2Ω Load

Specifications	A2000	A3000	A4000	A5003	A6000
RMS Power Output into 2Ω, watts per channel into 4Ω, watts per channel into 8Ω, watts per channel	1200 watts 650 watts 350 watts	1600 watts 900 watts 500 watts	2000 watts 1000 watts 600 watts	2500 watts 1500 watts 900 watts	3000 watts 2000 watts 1200 watts
No of Channels	2	2	2	2	2
Power Bandwidth +0dB, -3dB	2Hz-80kHz	2Hz-80kHz	2Hz-80kHz	2Hz-50kHz	2Hz-50kHz
Slew Rate in excess of	75V/μs	50V/μs	65V/μs	65V/μs	50V/μs
Gain	x 50	x 60	x 65	x 70	x 90
Total Harmonic Distortion Typical @ 1dB below clip 20kHz @ 1dB below clip	0.04% 0.07%	0.04% 0.07%	0.04% 0.07%	0.04% 0.07%	0.04% 0.07%
Signal to Noise Ratio Typical ref. full output, unweighted Worst case 10Hz - 30kHz	-125dB -95dB	-125dB -95dB	-125dB -95dB	-125dB -95dB	-125dB -95dB
Crosstalk Typical Worst case 10Hz - 30kHz	-115dB -95dB	-115dB -95dB	-115dB -95dB	-115dB -95dB	-115dB -95dB
Damping Factor	400	400	400	400	400
Input Impedance electronically balanced	10k Ohm	10k Ohm	10k Ohm	10k Ohm	10k Ohm
Common Mode Rejection typically	-70dB	-70dB	-70dB	-70dB	-70dB
Input Sensitivity ref. full output into 4 ohms	1V RMS	1V RMS	1V RMS	1V RMS	1V RMS
Protection Clipping Load below 1.2 ohms Shorted Output, DC or RF at Output	Soft Dynamic linear Immediate	Soft Dynamic linear Immediate	Soft Dynamic linear Immediate	Soft Dynamic linear Immediate	Soft Dynamic linear Immediate
Power Consumption	4kVA	5.3kVA	6.6kVA	8.3kVA	5.3kVA per ch.
Power Requirements 50/60Hz ac in volts Internally selectable for	220-240v 100-120v	220-240v 100-120v	220-240v 100-120v	220-240v N/A	220-240v 100-120v
Dimensions Rack Units Height x Width x Depth in inches Height x Width x Depth in mm	2u 3.5 x 19 x 15 88 x 483 x 381	2u 3.5 x 19 x 15 88 x 483 x 381	3u 5.25 x 19 x 15 132 x 483 x 381	3u 5.25 x 19 x 15 132 x 483 x 381	4u 7 x 19 x 15 178 x 483 x 381
Weight Gross in kg/lbs Net in kg/lbs	13.3kg/29lbs 11.7kg/26lbs	14kg/31lbs 12.4kg/27lbs	16kg/34lbs 14kg/29.6lbs	16kg/34lbs 14kg/29.6lbs	23.5kg/59lbs 21.5kg/47.4lbs

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