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Professional Power amplifiers



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a Series Professional Power Amplifier

a1800 a2400 a3000



The a Series professional power amplifiers offer ACM renowned integrity and can handle exceptionally high power ratings in a compact, light weight 2RU package. The a Series amps also feature Automatic Clip Limiting to protect connected drivers; Impedance sensing to accommodate varying impedance outputs; tunnel cooled, high efficiency heat sinks; and variable speed DC fans to limit the operating temperature and extend amplifier life. Models in the series include the a1800, a2400 and a3000.

	a1800	a2400	a3000
Minimum Guaranteed Power			
1 kHz with 0. 5% THD			
Stereo, 4 ohms (per ch.)	960W	1280W	1600W
Stereo, 8 ohms (per ch.)	600W	800W	1000W
Bridge mono, 8 ohms	1800W	2400W	3000W
Performance			
Sensitivity (volts RMS) for full rated power at 8 ohms	0. 775V, 32dB, 26dB	0. 775V, 32dB, 26dB	0. 775V, 32dB, 26dB
Frequency Response (at 1 watt, 20Hz-25 kHz)	+0dB, -0.5dB	+0dB, -0.5dB	+0dB, -0.5dB
Phase Response (at 1 watt , 20Hz to 20 kHz)	+10°, -20°	+10°, -20°	+10°, -20°
Signal to Noise Ratio below rated power A-weighted	≥105dB	≥106dB	≥106dB
Total Harmonic Distortion (THD) at 1 full bandwidth power, from 20 Hz to 20 kHz	≤0.1%	≤0.1%	≤0.1%
Intermodulation Distortion (IMD) 60 Hz and 7 kHz at 4:1, from full rated output to -35 dBt	≤0.05%	≤0.05%	≤0.05%
Damping Factor (8 ohm): 20 Hz to 400 Hz	≥620	≥680	≥760
Low Cut: Linkwitz-Riley (24dB/Octave)	Off/35Hz/80Hz	Off/35Hz/80Hz	Off/35Hz/80Hz
Low Pass: Linkwitz-Riley(24dB/Octave)	Off/80Hz/125Hz	Off/80Hz/125Hz	Off/80Hz/125Hz
Crosstalk (below rated power, 20 Hz to 20 kHz)	≥-60dB	≥-60dB	≥-60dB
Common Mode Rejection (CMR)(20 Hz to 1 kHz)	≥-65dB	≥-65dB	≥-65dB
DC Output Offset (Shorted input)	≤10mV	≤10mV	≤10mV
Input Impedance (nominally balanced, nominally unbalanced)	20 kilohms, 10 kilohms	20 kilohms, 10 kilohms	20 kilohms, 10 kilohms
Voltage Gain (at maximum level setting)	39dB gain at 0. 775volt sensitivity	40. 3dB gain at 0. 775volt sensitivity	41. 2dB gain at 0. 775volt sensitivity
Load Impedance (Note: Safe with all types of loads)			
Stereo	4-8 ohms	4-8 ohms	4-8 ohms
Bridge Mono	8 ohms	8 ohms	8 ohms
AC Line Voltage and Frequency Configurations Available (10%)	~220-240 V and 50/60 Hz	~220-240 V and 50/60 Hz	~220-240 V and 50/60 Hz
AC Line Current (both amplifiers draw no more than 90 watts at idle)	10A	12A	15A
Construction			
Ventilation	Flow-through ventilation from front to back	Flow-through ventilation from front to back	Flow-through ventilation from front to back
Cooling	Proportional speed fan	Proportional speed fan	Proportional speed fan
Dimensions(HxWxD)	89mm483mm462mm	89mm483mm462mm	89mm483mm462mm
Weight Weight			
Net	16kg	18kg	23kg
Shipping	19kg	21kg	26kg

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H Series Professional Power Amplifier

H600 H900 H1500

The H Series professional power amplifiers offer ACM renowned integrity and can handle exceptionally high power ratings in a compact, light weight 2RU package. The H Series amps also feature Automatic Clip Limiting to protect connected drivers; Impedance sensing to accommodate varying impedance outputs; tunnel cooled, high efficiency heat sinks; and variable speed DC fans to limit the operating temperature and extend amplifier life. Individual low pass, low cut switch for channel A and B. Models in the series include the H600, H900, H1500.



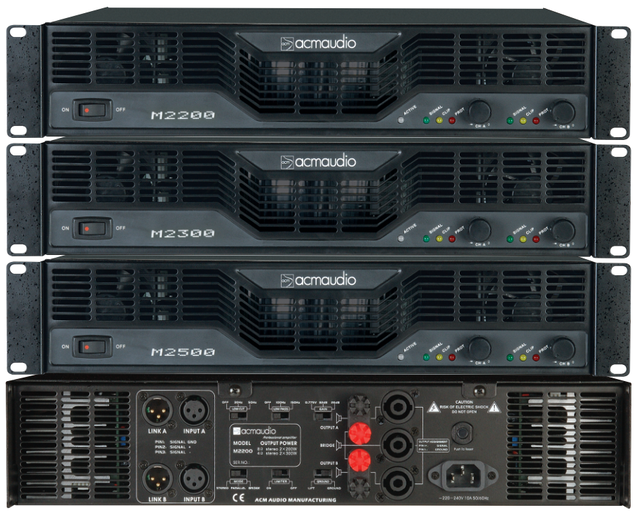
SPECIFICATIONS

	H600	H900	H1500
Rated power bridge mode 4 Ohms	900 Watts @1kHz at <0.1% T.H.D.	1350 Watts @1kHz at <0.1% T.H.D.	2250 Watts @1kHz at <0.1% T.H.D.
Rated power(1x2 Ohms)	490 Watts @1kHz at <0.1% T.H.D.	750 Watts @1kHz at <0.1% T.H.D.	1260 Watts @1kHz at <0.1% T.H.D.
Rated power(2x2 Ohms)	450 Watts per ch. @1kHz at <0.1%	675 Watts per ch. @1kHz at <0.1%	1125 Watts per ch. @1kHz at <0.1%
Rated power(1x4 Ohms)	330 Watts @1kHz at <0.05% T.H.D.	500 Watts @1kHz at <0.05% T.H.D.	840 Watts @1kHz at <0.05% T.H.D.
Rated power(2x4 Ohms)	300 Watts per ch. @1kHz at <0.05%	450 Watts per ch. @1kHz at <0.05%	750 Watts per ch. @1kHz at <0.05%
Rated power(1x8 Ohms)	220 Watts @1kHz at <0.025% T.H.D.	330 Watts @1kHz at <0.025% T.H.D.	560 Watts @1kHz at <0.025% T.H.D.
Rated power(2x8 Ohms)	200 Watts per ch. @1kHz at <0.025%	300 Watts per ch. @1kHz at <0.025%	500 Watts per ch. @1kHz at <0.025%
Power bandwidth(Rated 150 Watts 8 Ohm power)	10Hz-30kHz;+0,-3dB	10Hz-30kHz;+0,-3dB	10Hz-30kHz;+0,-3dB
T.H.D.(2X2 Ohms)(From 20 HZ to 20 kHz)	<0. 1% @360 Watts per channel	<0. 1% @500 Watts per channel	<0. 1% @900 Watts per channel
T.H.D.(2X4 Ohms)(From 20 HZ to 20 kHz)	<0. 1% @240 Watts per channel	<0. 1% @350 Watts per channel	<0. 1% @600 Watts per channel
T.H.D.(2X8 Ohms)(From 20 HZ to 20 kHz)	<0. 1% @160 Watts per channel	<0. 1% @250 Watts per channel	<0. 1% @400 Watts per channel
Input CMRR	>-65db @1kHz	>-65db @1kHz	>-65db @1kHz
Minimum load impedance	2 Ohms	2 Ohms	2 Ohms
Maximum RMS voltage swing	42 Volts	53 Volts	77 Volts
Frequency response	10Hz-100kHz: +0. -3dB at 1 Watt	10Hz-100kHz: +0. -3dB at 1 Watt	10Hz-100kHz: +0. -3dB at 1 Watt
Phase response	+5 to-15 form 20Hz to 20kHz	+5 to-15 form 20Hz to 20kHz	+5 to-15 form 20Hz to 20kHz
Input impedance	20k Ohms, balanced; 10k Ohms,unbalanced	20k Ohms, balanced; 10k Ohms,unbalanced	20k Ohms, balanced; 10k Ohms,unbalanced
Voltage gain	0. 775V,32dB or 26dB	0. 775V,32dB or 26dB	0. 775V,32dB or 26dB
Crosstalk	>-60 dB @1kHz at rated power @ 8 Ohms	>-60 dB @1kHz at rated power @ 8 Ohms	>-60 dB @1kHz at rated power @ 8 Ohms
Hum and noise("A" weighted referenced to rated power @ 8 Ohms)	>-105dB	>-105dB	>-107dB
Slew rate	>30V/US	>30V/US	>30V/US
Damping factor(8 Ohms)	>400:1 @20Hz-1kHz	>500:1 @20Hz-1kHz	>700:1 @20Hz-1kHz
Connectors	XLR,Speakon Binding Post	XLR,Speakon Binding Post	XLR,Speakon Binding Post
Construction	16ga.Steel	16ga.Steel	16ga.Steel
Dimensions	89mmx483mmx496mm	89mmx483mmx496mm	89mmx483mmx496mm
Net weight	16kg	18kg	23kg
Gross weight	19kg	21kg	26kg

M Series 2U

Professional Power Amplifier

M2200 M2300 M2500



The M Series professional power amplifiers offer ACM renowned integrity and can handle exceptionally high power ratings in a compact, light weight 2RU package. The M Series amps also feature Automatic Clip Limiting to protect connected drivers;Impedance sensing to accommodate varying impedance outputs; tunnel cooled,high efficiency heat sinks; and variable speed DC fans to limit the operating temperature and extend amplifier life. Models in the series include the M2200, M2300 and M2500.

SPECIFICATIONS

	M2200	M2300	M2500
Rated power bridge mode 4 Ohms	900 Watts @1kHz at <0.1% T.H.D.	1350 Watts @1kHz at <0.1% T.H.D.	2250 Watts @1kHz at <0.1% T.H.D.
Rated power(1x2 Ohms)	490 Watts @1kHz at <0.1% T.H.D.	750 Watts @1kHz at <0.1% T.H.D.	1260 Watts @1kHz at <0.1% T.H.D.
Rated power(2x2 Ohms)	675 Watts per ch. @1kHz at <0.1%	675 Watts per ch. @1kHz at <0.1%	1125 Watts per ch. @1kHz at <0.1%
Rated power(1x4 Ohms)	330 Watts @1kHz at <0.05% T.H.D.	500 Watts @1kHz at <0.05% T.H.D.	840 Watts @1kHz at <0.05% T.H.D.
Rated power(2x4 Ohms)	300 Watts per ch. @1kHz at <0.05%	450 Watts per ch. @1kHz at <0.05%	750 Watts per ch. @1kHz at <0.05%
Rated power(1x8 Ohms)	220 Watts @1kHz at <0.025% T.H.D.	330 Watts @1kHz at <0.025% T.H.D.	560 Watts @1kHz at <0.025% T.H.D.
Rated power(2x8 Ohms)	200 Watts per ch. @1kHz at <0.025%	300 Watts per ch. @1kHz at <0.025%	500 Watts per ch. @1kHz at <0.025%
Power bandwidth(Rated 150 Watts 8 Ohm power)	10Hz-30kHz;+0,-3dB	10Hz-30kHz;+0,-3dB	10Hz-30kHz;+0,-3dB
T.H.D.(2X2 Ohms)(From 20 HZ to 20 kHz)	<0. 1% @360 Watts per channel	<0. 1% @500 Watts per channel	<0. 1% @900 Watts per channel
T.H.D.(2X4 Ohms)(From 20 HZ to 20 kHz)	<0. 1% @240 Watts per channel	<0. 1% @350 Watts per channel	<0. 1% @600 Watts per channel
T.H.D.(2X8 Ohms)(From 20 HZ to 20 kHz)	<0. 1% @160 Watts per channel	<0. 1% @250 Watts per channel	<0. 1% @400 Watts per channel
Input CMRR	>-65db @1kHz	>-65db @1kHz	>-65db @1kHz
Minimum load impedance	2 Ohms	2 Ohms	2 Ohms
Maximum RMS voltage swing	42 Volts	53 Volts	77 Volts
Frequency response	10Hz-100kHz:+0. -3dB at 1 Watt	10Hz-100kHz:+0. -3dB at 1 Watt	10Hz-100kHz:+0. -3dB at 1 Watt
Phase response	+5 to-15 form 20Hz to 20kHz	+5 to-15 form 20Hz to 20kHz	+5 to-15 form 20Hz to 20kHz
Input impedance	10k Ohms, balanced	10k Ohms, balanced	10k Ohms, balanced
Voltage gain	0. 775V,32dB or 26dB	0. 775V,32dB or 26dB	0. 775V,32dB or 26dB
Crosstalk	>-60 dB @1kHz at rated power @ 8 Ohms	>-60 dB @1kHz at rated power @ 8 Ohms	>-60 dB @1kHz at rated power @ 8 Ohms
Hum and noise("A" weighted referenced to rated power @ 8 Ohms)	>-105dB	>-105dB	>-107dB
Slew rate	>30V/US	>30V/US	>30V/US
Damping factor(8 Ohms)	>400:1 @20Hz-1kHz	>500:1 @20Hz-1kHz	>700:1 @20Hz-1kHz
Connectors	XLR,Speakon Binding Post	XLR,Speakon Binding Post	XLR,Speakon Binding Post
Construction	16ga.Steel	16ga.Steel	16ga.Steel
Dimensions	89mmx483mmx496mm	89mmx483mmx496mm	89mmx483mmx496mm
Net weight	16kg	18kg	23kg
Gross weight	19kg	21kg	26kg

M Series 3U Professional Power Amplifier

M2800 M2800. 2 M21200



The M Series professional power amplifiers offer ACM renowned integrity and can handle exceptionally high power ratings in a compact, light weight 3RU package. The M Series amps also feature Automatic Clip Limiting to protect connected drivers; Impedance sensing to accommodate varying impedance outputs; tunnel-cooled, high efficiency heat sinks; and variable-speed DC fans to limit the operating temperature and extend amplifier life.

SPECIFICATIONS

	M2800	M2800. 2	M21200
Rated power bridge mode 8 Ohms	2400 Watts @1kHz at <0.5% T.H.D.	2400 Watts @1kHz at <0.5% T.H.D.	3600 Watts @1kHz at <0.5% T.H.D.
Rated power(1x4 Ohms)	1300 Watts @1kHz at <0.5% T.H.D.	1300 Watts @1kHz at <0.5% T.H.D.	1980 Watts @1kHz at <0.5% T.H.D.
Rated power(1x8 Ohms)	860 Watts @1kHz at <0.5% T.H.D.	860 Watts @1kHz at <0.5% T.H.D.	1300 Watts @1kHz at <0.5% T.H.D.
Rated power(2x4 Ohms)	1200 Watts per ch. @1kHz at <0.5%	1200 Watts per ch. @1kHz at <0.5%	1800 Watts per ch. @1kHz at <0.5%
Rated power(2x8 Ohms)	800 Watts per ch. @1kHz at <0.5%	800 Watts per ch. @1kHz at <0.5%	1200 Watts per ch. @1kHz at <0.5%
Power bandwidth(Rated 2000 Watts 8 Ohm power)	20Hz-20kHz;+0,-0.5dB	20Hz-20kHz;+0,-0.5dB	20Hz-20kHz;+0,-0.5dB
T.H.D.(2X4 Ohms)(From 20 HZ to 20 kHz)	<0. 05% @600 Watts per channel	<0. 05% @600 Watts per channel	<0. 05% @900 Watts per channel
T.H.D.(2X8 Ohms)(From 20 HZ to 20 kHz)	<0. 05% @400 Watts per channel	<0. 05% @400 Watts per channel	<0. 05% @600 Watts per channel
Input CMRR	>-65db @1kHz	>-65db @1kHz	>-65db @1kHz
Minimum load impedance	4 Ohms	2 Ohms	4 Ohms
Maximum RMS voltage swing	93 Volts	93 Volts	110 Volts
Frequency response	10Hz-50kHz:+0. -3dB at 1 Watt	10Hz-50kHz:+0. -3dB at 1 Watt	10Hz-50kHz:+0. -3dB at 1 Watt
Phase response	+20° to-25° form 20Hz to 20kHz	+20° to-25° form 20Hz to 20kHz	+20° to-25° form 20Hz to 20kHz
Input impedance	20k Ohms, balanced; 10k Ohms,unbalanced	20k Ohms, balanced; 10k Ohms,unbalanced	20k Ohms, balanced; 10k Ohms,unbalanced
Voltage gain	0. 775V,32dB or 26dB	0. 775V,32dB or 26dB	0. 775V,32dB or 26dB
Crosstalk	>-60 dB @1kHz at rated power @ 8 Ohms	>-60 dB @1kHz at rated power @ 8 Ohms	>-60 dB @1kHz at rated power @ 8 Ohms
Hum and noise("A" weighted referenced to rated power @ 8 Ohms)	>-104dB	>-104dB	>-104dB
Slew rate	>25V/US	>25V/US	>25V/US
Damping factor(8 Ohms)	>800:1 @20Hz-1kHz	>800:1 @20Hz-1kHz	>800:1 @20Hz-1kHz
Connectors	XLR,Speakon Binding Post	XLR,Speakon Binding Post	XLR,Speakon Binding Post
Construction	16ga.Steel	16ga.Steel	16ga.Steel
Dimensions	132mmx483mmx498mm	132mmx483mmx498mm	132mmx483mmx498mm
Net weight	32kg	35kg	36kg
Gross weight	35kg	38kg	39kg

Q Series

Professional Power Amplifier

Q2100 Q2150 Q2200 Q2280



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The Q Series professional power amplifiers offer ACM renowned integrity and can handle exceptionally high power ratings in a compact, light weight 1RU package. The Q Series amps also feature Automatic Clip Limiting to protect connected drivers; Impedance sensing to accommodate varying impedance outputs; tunnel-cooled, high efficiency heat sinks; and variable-speed DC fans to limit the operating temperature and extend amplifier life.

SPECIFICATIONS

	Q2100	Q2150	Q2200	Q2280
Rated power bridge mode 8 Ohms	300 Watts @1kHz at <0.1% T.H.D.	450 Watts @1kHz at <0.1% T.H.D.	600 Watts @1kHz at <0.1% T.H.D.	840 Watts @1kHz at <0.1% T.H.D.
Rated power(1x4 Ohms)	180 Watts @1kHz at <0.1% T.H.D.	270 Watts @1kHz at <0.1% T.H.D.	330 Watts @1kHz at <0.1% T.H.D.	450 Watts @1kHz at <0.1% T.H.D.
Rated power(1x8 Ohms)	130 Watts @1kHz at <0.1% T.H.D.	180 Watts @1kHz at <0.1% T.H.D.	220 Watts @1kHz at <0.1% T.H.D.	300 Watts @1kHz at <0.1% T.H.D.
Rated power(2x4 Ohms)	150 Watts per ch. @1kHz at <0.1%	225 Watts per ch. @1kHz at <0.1%	300 Watts per ch. @1kHz at <0.1%	420 Watts per ch. @1kHz at <0.1%
Rated power(2x8 Ohms)	100 Watts per ch. @1kHz at <0.1%	150 Watts per ch. @1kHz at <0.1%	200 Watts per ch. @1kHz at <0.1%	280 Watts per ch. @1kHz at <0.1%
Power bandwidth(Rated 80 Watts 8 Ohm power)	10Hz-30kHz;+0,-0.5dB	10Hz-30kHz;+0,-0.5dB	10Hz-50kHz;+0,-0.5dB	10Hz-50kHz;+0,-0.5dB
T.H.D.(2X4 Ohms)(From 20 HZ to 20 kHz)	<0. 05% @100 Watts	<0. 05% @150 Watts	<0. 05% @200 Watts	<0. 05% @30 Watts per channel
T.H.D.(2X8 Ohms)(From 20 HZ to 20 kHz)	<0. 05% @100 Watts	<0. 05% @150 Watts	<0. 05% @150 Watts	<0. 05% @200 Watts per channel
Input CMRR	>-65db @1kHz	>-65db @1kHz	>-65db @1kHz	>-65db @1kHz
Minimum load impedance	4 Ohms	4 Ohms	4 Ohms	4 Ohms
Maximum RMS voltage swing	37 Volts	45 Volts	49 Volts	55 Volts
Frequency response	10Hz-100kHz:+0, -3dB at 1 Watt	10Hz-100kHz:+0. -3dB at 1 Watt	10Hz-100kHz:+0, -3dB at 1 Watt	10Hz-100kHz:+0. -3dB at 1 Watt
Phase response	+5 to-15 form 20Hz to 20kHz	+5 to-15 form 20Hz to 20kHz	+5 to-15 form 20Hz to 20kHz	+5 to-15 form 20Hz to 20kHz
Input impedance	10k Ohms, balanced	10k Ohms, balanced	20k Ohms, balanced 10k Ohms,unbalanced	20k Ohms, balanced 10k Ohms,unbalanced
Voltage gain	0. 775V,32dB or 26dB	0. 775V,32dB or 26dB	0. 775V,32dB or 26dB	0. 775V,32dB or 26dB
Crosstalk(1kHz at rated power @ 8 Ohms)	>-60 dB	>-60 dB	>-60 dB	>-60 dB
Hum and noise("A" weighted referenced to rated power @ 8 Ohms)	>-106dB	>-106dB	>-106dB	>-106dB
Slew rate	>22V/US	>22V/US	>22V/US	>22V/US
Damping factor(8 Ohms)	>400:1 @20Hz-1kHz	>500:1 @20Hz-1kHz	>500:1 @20Hz-1kHz	>500:1 @20Hz-1kHz
Connectors	XLR,Speakon Binding Post	XLR,Speakon Binding Post	XLR,Speakon Binding Post	XLR,Speakon Binding Post
Construction	16ga.Steel	16ga.Steel	16ga.Steel	16ga.Steel
Dimensions	44mmx483mmx350mm	44mmx483mmx350mm	44mmx483mmx480mm	44mmx483mmx480mm
Net weight	8kg	9kg	12kg	14kg
Gross weight	9kg	10kg	13kg	15kg

L Series

Professional Power Amplifier

L200 L300 L400 L600 L800





Designed with touring sound professionals in mind, the ACM L Series power amplifiers faithfully produce high power with low distortion in an extremely aconomical package.
With advanced anti-shock, over current, output short cut, DC offset circuit design, the L Series amplifiers offer the protection that ensures safe & trouble free shows night after night.
The L Series professional power amplifiers provide ACM's renowned sonic integrity while providing exceptionally high power retings in a compact, lightweight, 2U package.
The L Series amps feature Automatic Clip Limiting (ACL) to protect connected drivers; tunnel-cooled, high efficiency heat sinks. And veriable-speed DC fans to limit the operating temperature and extend amplifier life.

SPECIFICATIONS

	L200	L300	L400	L600	L800
Stereo, 8 ohms (per ch.)	200W	300W	400W	600W	1200W
Stereo, 4 ohms (per ch.)	300W	450W	600W	900W	800W
Load Impedance (Note: Safe with all types of loads) Stereo Bridge Mono	4-8 ohms	4-8 ohms	4-8 ohms	4-8 ohms	4-8 ohms
Frequency Response (at 1 watt, 20Hz - 25 kHz)	20Hz - 20kHz	20Hz - 20kHz	20Hz - 20kHz	20Hz - 20kHz	20Hz - 20kHz
Phase Response (at 1 watt , 20Hz to 20 kHz)	+10°,-20°	+10°,-20°	+10°,-20°	+10°,-20°	+10°,-20°
Signal to Noise Ratio below rated power A-weighted	⩾103dB	⩾103dB	⩾103dB	⩾103dB	⩾103dB
Total Harmonic Distortion (THD) at 1 full bandwidth power, from 20 Hz to 20 kHz	⩽0.1%	⩽0.1%	⩽0.1%	⩽0.1%	⩽0.1%
Intermodulation Distortion (IMD) 60 Hz and 7 kHz at 4:1, from full rated output to -35 dBt	⩽0.05%	⩽0.05%	⩽0.05%	⩽0.05%	⩽0.05%
Damping Factor (8 ohm): 20 Hz to 400 Hz	⩾300	⩾300	⩾300	⩾300	⩾300
Crosstalk (below rated power, 20 Hz to 20 kHz)	⩾-60dB	⩾-60dB	⩾-60dB	⩾-60dB	⩾-60dB
Common Mode Rejection (CMR)(20 Hz to 1 kHz)	⩾-65dB	⩾-65dB	⩾-65dB	⩾-65dB	⩾-65dB
DC Output Offset (Shorted input)	⩽10mV	⩽10mV	⩽10mV	⩽10mV	⩽10mV
Input Impedance (nominally balanced, nominally unbalanced)	20 ko m, 10 ko m	20 ko m, 10 ko m	20 ko m, 10 ko m	20 ko m, 10 ko m	20 ko m, 10 ko m
Sensitivity (volts RMS) for full rated power at 8 ohms	0.775V, 34.3dB	0.775V, 36dB	0.775V, 37.2dB	0.775V, 329dB	0.775V, 40dB
Input/Output Connectors	XLR/NL4	XLR/NL4	XLR/NL4	XLR/NL4	XLR/NL4
AC Line Voltage and Frequency Configurations Available (±10%)	~220-240 V and 50/60 Hz	~220-240 V and 50/60 Hz	~220-240 V and 50/60 Hz	~220-240 V and 50/60 Hz	~220-240 V and 50/60 Hz
AC Line Current (both amplifiers draw no more than 90 watts at idle)	3A	4A	6A	9A	12A
WeightWeight Net	14kg	16kg	19kg	24kg	23kg
Shipping	17kg	19kg	22kg	27kg	26kg

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KT Series **Multi-Channel Amplifier**

KT4200 KT4400 KT4600

Three power configerations; 4 channel 3 channel or 2 channel.
Individual 4 channel inputs and 2 channels inputs.
Independent volume control for 4 channels,independent signal indication,
independent clip indication.
Bridge mode switch for channel 1& 2 and channel 3& 4.

	KT4200	KT4400	KT4600
Minimum Guaranteed Power			
1 kHz with 0. 5% THD 4-Channel,8 ohms	4×200W	4×400W	4×600W
4-Channel,4 ohms	4×300W	4×600W	4×900W
Bridge-stereo, 8 ohms	2×600W	2×1200W	2×1800W
Performance			
Sensitivity (volts RMS) for full rated power at 8 ohms	0. 775V	0. 775V	0. 775V
Frequency Response (at 1 watt, 20Hz-25 kHz)	+0dB, -0.5dB	+0dB, -0.5dB	+0dB, -0.5dB
Phase Response (at 1 watt , 20Hz to 20 kHz)	+10°, -20°	+10°, -20°	+10°, -20°
Signal to Noise Ratio below rated power A-weighted	>100dB	>102dB	>102dB
Total Harmonic Distortion (THD) at 1 full bandwidth power. from 20 Hz to 20 kHz	<0.1%	<0.1%	<0.1%
Intermodulation Distortion (IMD) 60 Hz and 7 kHz at 4：1, from full rated output to -35 dBt	<0.05%	<0.05%	<0.05%
Damping Factor (8 ohm)： 20 Hz to 400 Hz	>200	>300	>300
Input Impedance(nominally balanced,nominally unbalanced)	20 kilohms,10 kilohms	20 kilohms,10 kilohms	20 kilohms,10 kilohms
Load Impedance (Note:Safe with all types of loads) 4-Channel	4-8 ohms	4-8 ohms	4-8 ohms
Bridge-Stereo	8 ohms	8 ohms	8 ohms
AC Line Voltage and Frequency Configurations Available (10%)	~220-240 V and 50/60 Hz	~220-240 V and 50/60 Hz	~220-240 V and 50/60 Hz
AC Line Current (both amplifiers draw no more than 90 watts at idle)	8A	11A	15A
Construction			
Ventilation	Flow-through ventilation from front to back	Flow-through ventilation from front to back	Flow-through ventilation from front to back
Cooling	Proportional speed fan	Proportional speed fan	Proportional speed fan
Dimensions(HxWxD)	89mm483mm360mm	133mm483mm400mm	89mm483mm360mm
Net Weight Shipping Weight	16kg 19kg	31kg 34kg	37kg 40kg