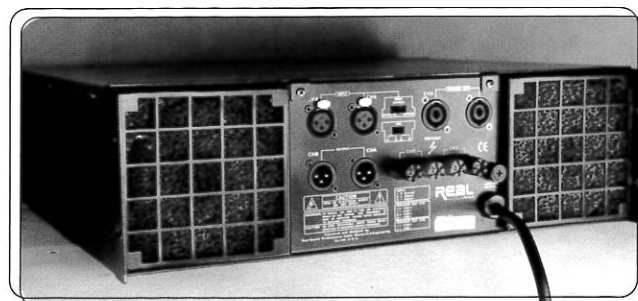


Real Sound Power Amplifiers

- Output cooled by patented
- Two proportional speed fans
- Independent protection circuitry
- DC protection
- Clip limiting
- Thermal protection
- AC protection

Applications

- Stadiums, arenas and concert halls
- Touring sound reinforcement
- Large-scale events



Specifications

	MK-1000x/MK-1000m	MK-1400x/MK-1400m
OUT POWER		
RMS output power into 8ohm	2x1000w	2x1400w
RMS output power into 4ohm	2x1500w	2x2100w
RMS output power into 8ohm,bridge mode	1x3000w	1x3500w
DISTORTION		
THD 20-20KHz and 1w to full power		0.04%
THD AT 1KHz and -dB under clip		0.01%
DIM 30 at -3db under clip		0.008%
SLEW RATE(1KHz)		
		60V/μs
OUTPUT IMPEDANCE		
		0.030hm
HUM AND NOISE		
HUM AND NOISE		<-110dBA
PHASE AND DELAY		
Deviation form perfect delay		10(150-20KHZ)
Total delay(input to output at 4 ohms)		3.5 S
PHASE AND DELAY		
Sensitivity		0.775V / 1V / 1.4V
Protection		Limit/DC/Short-circuit/Over-heat/AC Fus/DS Fuse
Impedance		20Kohms,balanced
Common Mode Rejection Nat 1khz		50dB
POWER		
Nominal operating voltage	Version 230v 230V AC	Version 115v 115V AC
Operating voltage range	130V-265V AC	65V-130V AC
Minimum start voltage	175V AC	85V AC
Full output power at 4 ohms	180V-265V AC	90V-130V AC
POWER		
Nominal operating voltage	1 Arms	2 Arms
Operating voltage range	6 Arms	12 Arms
Minimum start voltage	9 Arms	18Arms
Full output power at 4 ohms	16 Arms	32 Arms
Indicator		
	Power / Singnal / Clip / Protect	
Connectors input	1/4 phone jack/xlr(famale)compound socket, parallel XLR male per input	
Connectors output	1 x 4-pole-speakon per channel /1x4-Pole-Speakon fo bridge mode	
Cooling	2 vari-speed fans/convection cooling/front panel air exit	
mains supply voltage	115/230 V(Region variety) AC 50/60Hz	
Dimension(wxhxd)	545 x 185x585mm	
Weight	37Kg	42Kg

Specifications

REAL
Sound

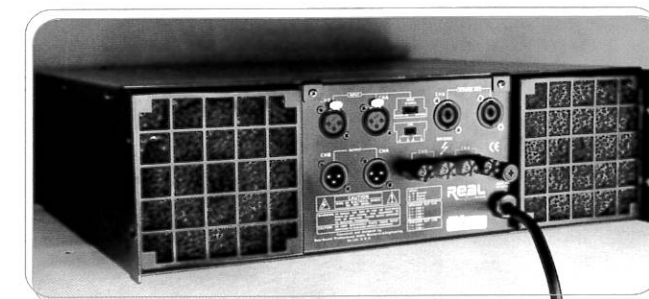
For further descriptions please visit our homepage at www.realsound-audio.com 55

PS
Series

Real Sound Power Amplifiers

-See your authorized Real Sound dealer for full warranty disclosure and details.
For customers outside of the USA, please contact your authorized Real Sound distributor for warranty information

Amplifiers



Specifications

Model	PS-3.5x/PS-3.5M	PS-5.0x/PS-5.0M	PS-8.0x/PS-8.0M
RMS output power into 8ohm	2x350w	2x500w	2x800w
RMS output power into 4ohm	2x500w	2x750w	2x1200w
RMS outpur power into 2ohm	2x700w	2x1000w	2x1600w
RMS output power into 8ohm,bridge mode	1400w	2000w	2400w
Input sensitivity constant gain 33db for full	0.775v(0dB)	0.775v(0dB)	0.775v(0dB)
Output(2x4ohm stereo)			
Frequency response(stereo 4ohm@1w ref 1khz-3dB)	10Hz-50KHz	10Hz-50KHz	10Hz-50KHz
Total harmonic distortion (@10w ref 20hz-1khz)	<0.01%	<0.01%	<0.01%
Total harmonic distortion (@10w ref 10hz-20khz)	<0.02%	<0.02%	<0.02%
Inter modulation distortion	<0.01%	<0.01%	<0.01%
Damping factor(@1khz,8ohm)	>700	>700	>700
Convert rate	>45/μ secretary	>45/μ secretary	>45/μ secretary
Controller front	ac ON@OFF, CHA,CHB grain		
Controller rear	Stereo, Mono Bridge ON&OFF, Wiring terminal		
Work Status Indication			
Power	ok		
Signal	ok		
Clip	ok		
Temp	ok		
Dc	ok		
Protect Circuit			
On soft	ok		
On load protector	ok		
Subsonic and dc protector	ok		
Sonic protector	ok		
High tempereture	ok		
Aaiocc	ok		
Vclt	ok		
Power protector	ok		
Output protector	ok		
Connectors input	1/4" phone jack/xlr(famale)compound socket, parallel XLR male per input		
Connectors output	1 x 4-pole-speakon per channnel /1x4-Pole-Speakon fo bridge mode		
Cooling	2 vari-speed fans/convection cooling/front panel air exit		
mains supply voltage	115/230 V(Region variety) AC 50/60Hz		
Dimension(wxhxd)	545 x 185x545mm		
Weight	23kg	26kg	30kg

REAL
Sound

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Specifications

626/DX-610: 6CH DMX Dimmer Pack (20A/10A)



res

els.

-controlled fan activated automatically-temperature over 45°C; output stop-temperature over 85°C;
restart-temperature below 65°C.

ing function to test without a console.

of dimming or non-dimming for each channel.

ications

	AC 90-240V, 45-63 Hz 3 ϕ 4W(1 ϕ 3W optional)
	10A/20A per channel (max).
	DMX-512
Signal input	DC 0-10V
on	482(W) x 88(H) x 312(D) mm
on	19"2U standard rack
	DX-626: 8Kg
	DX-610: 7Kg



Socket Rear Board



Terminal Rear Board



American Socket Rear Board

120: 1CH DMX Dimmer Pack



Features

- Standard DMX-512 and AC dimmer signal.
- Built-in current detect and over load protection.
- Can be connected to ECP series control panels.

Specifications

Power supply	AC 90-240V 45-63Hz
Output	20A
Protection	