

# Technical Data & introduction



Professional speaker system

## LA-2210 MK2

Dual 10" Two way compact line array speaker

Power (RMS) :HF:100W/LF:400W  
Impedance : 16 ohm  
Sensitivity : HF:109dB/LF:99dB  
Frequency response :70Hz-18KHz  
Dimensions : 300\*720\*430mm  
Weight :26.8 kg

## LA-2218 MK2

Dual 18" compact line array sub-woofer

Power (RMS) :1400W  
Impedance : 4 ohm  
Sensitivity : 102dB  
Frequency response :30Hz-200Hz  
Dimensions : 720\*755\*1030mm  
Weight :80kg

### Model:HA4M

Power Distributor	5pcs pair switch independently controls two 16A power sockets, and equipped with two straight-through power sockets
Audio signal distributor	4 groups XLR male/female connector
Network signal distributor	1 group RS485 connector
Full frequency speaker connector	A/B/E/F, +/- connect with the rear cannon A1/B1/E1/F1, 2+/2- connect with the rear cannon A2/B2/E2/F2
Subwoofer	C/D/G/H, 1+/1- connect with the rear cannon C1/D1/G1/H1
Dimension(WHD)	483X88X368mm



### WARNING

To avoid damage to the drivers, never overload the speaker for a long period of time

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## Model: AMPS 4



Type	4 in 8 out	
Input channel and socket	4XLR female Canon	
Output channel and socket	8 XLR female Canon	
Input impedance	balanceBal : 20kΩ	
Output impedance	balanceBal : 100Ω	
PC interface	panel 1 USB interface, rear board 1 RS485 interface (RJ block)	
Total analog ratio	> 70dB (1KHz)	
Input range	≥17dBu	
Frequency response	20Hz-20KHz (-0.5dB)	
SNR	> 110dB	
Distortion	<0. 01% OUTPUT=0dBu/1 KHz	
Channel separation	> 80dB(1 KHz)	
Input Channel Function	MUTE	Mute Control for Each Channel
	CHOICE	Each output channel can select different input channels individually or any combination of input channels.
	POLARITY	phase, invert phase
	EQ	Each input channel has 31 GEQ segments and 10 PEQ bands. In the PEQ state, adjust the parameters as the center frequency point: 20Hz-20KHz, step in 1 Hz, Q value: 0.404-28.8 to gain: +20dB, step in 0.1dB.
Input Channel Function	MUTE	Mute Control for Each Channel
	DELAY	Each input channel has an independent delay control with a delay value of 0-1000ms, less than 10 ms and a distance of 21 us; more than 0 ms and a distance of 1 ms.
	GAIN	Gain Range : -36d to +12dB , distance for 0.1dB
	DELAY	Each input channel has an independent delay control with a delay value of 0-1000ms, less than 10 ms and a distance of 21 us; more than 0 ms and a distance of 1 ms.
	POLARITY	phase, invert phase
	EQ	Each output channels with 10 bands EQ to be adjusted, EQ in PEQ/Lo-Shelf/Hi-Shelf mode
	X-OVER	Each channel with the separately high-pass filter (HPF) and low-pass filter (LPF) separately for each output channel. The response can be Bessel (Bessel), Butterworth (Butterworth), Linkwitz-Rillaey (Linkwitz-Reilly). The frequency turning point is 20 Hz-20 KHz, in which Besael, Butterworth attenuation slope is 24 dB/oct, 36 dB/oct and 48 dB/oct.
COMPRESSOR	Each output channel with the independently compressor function. The adjustable parameters are: start-up time: 0.3ms-100ms, less than 1ms, step distance 0.1ms, step distance 0.1ms, greater than 1ms, step distance 1ms; release time: 2, 4, 6, 8, 16, 32 times start-up time:	
Processor	96KHz sampling frequency, 32-bit DSP processor, 24-bit A/D and D/A conversion	
Display	2X24LCD blue backlight display settings, 8-segment LED display input/output accurate digital level meter, mute and edit status	
Power Consumption	≤30W	
Power supply	AC 90V/240V 50Hz/60Hz	
Product Size	1 PCS: 480X240X45(MM)	
N.W/G.W	1PCS: 5.5/6.5(Kg)	

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Model	<b>X1800</b>
Output power( THD $\leq$ 0.1% 8 $\Omega$ 4 $\Omega$ Bridge 8 $\Omega$ )	<b>1800W x2 3200W x2 3600W</b>
Frequency response	<b>20Hz-20KHz(+0/-0.5dB)</b>
Input sensitivity	<b>0.775V, 1V,32dB</b>
Input impedance	<b>20K ohm / 10K ohm</b>
S/N	<b>&gt;105dB</b>
Separation	<b>&gt;65dB</b>
THD (1KHz)	<b>&lt;0.015%</b>
THD (20Hz-20KHz)	<b>&lt;0.03%</b>
Damping factor (F $\leq$ 1KHz 8 $\Omega$ )	<b>&gt;650</b>
Slew Rate V/us	<b>&gt;45v/us</b>
Protected Function	With short circuit protection, mid-point DC voltage protection, AC fuse, DC fuse, high-voltage soft start
Indication	Power on/waiting indication, protection indication, signal indication, clipping indication, bridging indication
Cooling-down method	Continuously variable speed automatic air cooling
Front panel function	Level control, power switch
Rear panel function	Input sensitivity selection, low frequency compensation selection, working mode switch
Connector	Neutrik Combo input,XLR signal output,Neutrik speakon4 power output
Power consumption(8 $\Omega$ /half load)	<b>1800W</b>
Voltage	<b>110/230VAC 50-60Hz</b>
Dimension (WDH) mm	<b>482x400x88(WxHxD)</b>
Weight (Kg)	<b>9</b>