

Technical Data & introduction



Professional speaker system

V-312

Configuration : 3-way passive line array
Components : 2x12"Woofer
1x10"Midrange
2x3"Driver
Power(RMS) : HF:250W/MF:250W/LF:700W
Max. sound pressure: 139dB
Frequency response : 45Hz-18kHz
Nominal impedance : 16 Ω
Dimensions(HxWxD) : 290*1105*580mm
Weight : 57kg



AR218

Configuration : sub woofer
Components : 2x18"Woofer
Power(RMS) : 2000W
Sensitivity : : 106dB
Frequency response : 30Hz-250Hz
Nominal impedance : 4 Ω
Dimensions(HxWxD) : 580x1160x920mm
Weight : 112kg



WARNING

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

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Top Performance Combined With Total Control

Line Array System



System configuration recommendations

V312	8pcs
AR218	4pcs
PA480	2pcs
G430	2pcs
G242	2pcs
TCD-9	2pcs
8U case	2pcs
Frame	2pcs



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Power Amplifier

Model	G430	G242
8Ω Stereo Output Power 4Ω Stereo Output Power 2Ω Output Power	4*3000W 4*5000W 4*6500W	2*4200W 2*7800W 2*8500W
THD+N(Rated power/KHz)	<0.005%	
S/N Ratio	>110dB	
Frequency Response	20Hz-20kHz(+/-0.1dB)	
Damping Factor	>5000	
Input Connection	Neutrik Combo input	
Output Connection	XLR , Speakon Connectors (Neutrik)	
Slew Rate	50V/us @8 Ohm	
Gain Selection	32/35/38/41dB	
Protection Function	With short circuit ,protection , Overvoltage protection. power control , temperature protection	
Voltage Requirement	90-270V~50-60Hz	
Dimension(WHD)	482*44*460MM	
Weight	12KG	

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Speaker Power Distributor

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(TCD-8)
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(TCD-8) speaker A and speaker B 8pin connector(TCD-9)
Subwoofer	C/D/G/H, 1+/1- connect with the rear cannon C1/D1/G1/H1(TCD-8) SUB A and SUB B 4pin connector(TCD-9)
Dimension(WHD)	483X88X368mm

-Recommend to use with our Pa480 speaker processor

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PA480

Speaker Processor

Specification

1. 4 balanced inputs, 8 balanced outputs
2. 56-bit DSP chip processing, 192K sampling, 24-bit AD/DA conversion
3. Input channel function include: Gain/Polarity/Delay/Graphic equalizer/
Multi-type filter/Noise Gate/Limiter/Compressor
4. Out channel function include: Gain/Polarity/Delay/Xover
Multi-type filter/Limiter/Compressor
5. Delay adjustment .Minimum 5us(0.1cm)adjustment step.
Input maximum delay 1300ms(446)
Maximum output delay : 680ms(233m)
6. Filter frequency adjustment step 1Hz accuracy
7. Limiter threshold :-20dB to +15dB
8. Input and output channel support:
Parameter linkage adjustment function
Channel parameter copying function
9. PC software provides
10. Option lock settings
11. Support external central control
12. USB, RS232, RS485 control port
13. Imported Neutrik XLR connectors