

V6 Series



6.5" ACTIVE / PASSIVE ARRAY

Active line array systems tend to be heavy, bulky and prone to damage if used in rentals or live touring conditions.

The V6 6.5" MF/HF cabinet is made from durable but hard wearing reinforced PP composite material giving it superior weight advantages.

Built in high performance power amplifier, DSP control and powerful twin 6.5" drivers with 38mm voice coils. The 3" neodymium HF driver has a 74mm voice coil, giving the V6A MF/HF enclosure up to 130dB SPL.

REINFORCED

Both the V6A MF/HF and V6SA LF enclosures have independent high perfor-mance power amplification in each cabinet, providing the power at the place you want it, without long cables or separate amplifiers. The cabinets also include thru power and signal connectors, so for each stack only one main power cable needs to be supplied. The built-in DSP on every cabinet gives you full control of your system, with crossover points, EQ, threshold, time, delay and volume control. Either use the display and encoder on the rear panels, or connect your laptop through the RS485 connection to give you remote adjustment.

DSP CONTROL

The V6SA LF unit designed to work with the V6A features a single high performance 15" driver with a large 4" / 100mm voice coil capable of handling the 1200W power amplifier built in to the enclosure. Like the V6A, the LF unit includes built in DSP to make tuning and setting up your system as easy as possible.



V6A 2 x 6.5" ACTIVE MF/HF ENCLOSURE

- 2 x 6.5" MF drivers with 38mm voice coils
- 1 x 3" voice coil neodymium HF drivers
- Reinforced composite PP enclosure
- Built-in 550W power amplifier and DSP for total control
- High performance 130dB SPL
- 100 x 10 degree coverage angle



V6SA 1 x 15" LF ENCLOSURE

- High performance 1 x 15" LF driver with 4" / 100mm voice coil
- High performance 130dB SPL
- Convenient scoop handles
- Adjustable suspension system available

Specification

	V6A	V6SA	V6	V6S
MAX SPL ¹ AMP POWER ²	130dB MF 400W / HF 150W	130dB 1200W	132dB MF 400W /HF 150W	131dB 800W
WEIGHT	15kg	41kg	13kg	37kg
Cabinet type	2-way active line array	active line array woofer	2-way passive line array	passive line array woofer
Frequency response	70Hz - 20kHz (-10dB)	40Hz - 150Hz (-10dB)	70Hz - 20kHz (-10dB)	40Hz - 150Hz (-10dB)
Coverage (H x V)	100 x 10 degree	-	100 x 10 degree	-
Sensitivity (1W@1m)	0dBu	0dBu	100dB	96dB
Impedance	-	-	16 ohm	8 ohm
LF Driver	-	1 x 15" / 100mm VC	-	1 x 15" / 100mm VC
MF Driver	2 x 6.5" / 38mm VC	-	2 x 6.5" / 38mm VC	-
HF Driver	1 x 3" / 74mm VC	-	1 x 3" / 74mm VC	-
DSP	gain, EQ, crossover, delay, threshold	gain, EQ, crossover, delay, threshold	-	-
Crossover frequency	DSP controlled	DSP controlled	-	-
Vertical splay angle	0-10 degree (1 degree step)	-	0-10 degree (1 degree step)	-
Dimensions (W x H x D)	470 x 207 x 341mm	474 x 506 x 673mm	470 x 207 x 341mm	474 x 506 x 673mm

1- 1m, free sound field
2- IEC filtered noise with a peak factor of 6dB

SUGGESTED SETUP CONFIGURATION

	V6A +V6SA	V6 +V6S
4	V6A Line Array Element	4 V6 Line Array Element
2	V6SA Passive Subwoofer	2 V6S Passive Subwoofer
1	SM46 Self-Adaptive Sound Field Processors	1 SM46 Self-Adaptive Sound Field Processors
1	AC36II 3 In 6 Out Speaker Processor	1 AC36II 3 In 6 Out Speaker Processor
1	DIGITRACK18 Digital Mixer	1 DIGITRACK18 Digital Mixer
1		1 DQX4-6000 Power Amplifier