

V310 Series



KEY Features

- **3-WAY** 5 COMPONENTS
- **2 x 10" LF** 3" VOICE COIL
- **1 x 8" MF** 2" VOICE COIL
- **2 x 3" HF** COMPRESSION DRIVER
- BUILT IN **CROSSOVER** BETWEEN HF AND MF

- **18"** 8 OHM 100MM VOICE COIL
- **BIRCH** PLYWOOD CABINET
- BIG **1000W** POWER HANDLING

Getting a big sound from a sound system is often left to large 2-way 10-inch line array systems, however, these are heavy, large and often difficult to set-up in smaller venues.

The V310 system with a specially designed 3-way configuration gives you SPL levels up to 142dB from a compact only 706mm wide, lightweight and powerful enclosure. With the HF and MF with an internal crossover, the connection to the cabinet is still the same as a regular cabinet with LF & HF/MF inputs both at 16 ohm, so up to 4 enclosures can be connected in parallel to one amp/processor setup. To compliment the V310 top cabinets, the V310S offers stunning performance from a compact cabinet, giving up to 135dB SPL from a single 18-inch phase inverted long travel driver. Double handles on each side make moving the cabinets safe and simple.



V310 2 x 10" 3-WAY PASSIVE MF/HF ENCLOSURE

- 2 x 10" LF drivers with 3" / 75mm voice coils
- 1 x 8" MF and 2 x 3" compression drivers for HF
- Birch plywood enclosure
- Deep scoop handles
- Up to 142dB SPL
- 90 x 10 degree coverage angle



V310S 1 x 18" LF ENCLOSURE

- Long excursion 1 x 18-inch LF driver with 4-inch / 100mm voice coil
- High performance 135dB SPL
- Dual scoop handles on each side
- Adjustable suspension system available



V218S PASSIVE SUBWOOFER DESIGNED FOR V10/V312/V310 SYSTEMS

It is a subwoofer that brings surging and powerful bass to the system. While it is added for more low end, is the main woofer and the V310S becomes the subwoofer, greatly enhancing the system sound reinforcement effect.

Specification

| | V310 | V310S |
|---|--|----------------------------|
| MAX SPL ¹ PEAK ² | LF 135dB / MHF 142dB LF 3600W / MHF 1600W | 135dB 4000W |
| PGM RMS | LF 1800W / MHF 800W LF 900W / MHF 400W | 2000W 1000W |
| WEIGHT | 34kg | 52kg |
| Cabinet type | 3-way passive line array | passive line array woofer |
| Frequency response | 50Hz - 20kHz (-10dB) | 35Hz-180Hz (-10dB) |
| Coverage (H x V) | 90 x 10 degree | - |
| Sensitivity (1W@1m) | LF: 99dB / MHF: 110dB | 99dB |
| Crossover frequency | 250 Hz | - |
| LF Driver | 2 x 10" neodymium / 75mm VC | 1 x 18" ferrite / 100mm VC |
| MF Driver | 1 x 8" neodymium / 50mm VC | - |
| HF Driver | 2 x 3" neodymium compression driver | - |
| Impedance | LF: 16 ohm / MHF: 16 ohm | 8 ohm |
| Vertical spread angle | 0-10 degree(1 degree step) | - |
| Dimensions (W x H x D) | 706 x 304 x 526mm | 706 x 580 x 680mm |

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

| SUGGESTED SETUP CONFIGURATION | | | V310 +V310S +V218S | | | | | |
|-------------------------------------|-------|----------------------|--------------------------|----------|--------------------------------------|---|----------|-----------|
| 4 | V312 | Line Array Element | 1 | SM46 | Self-adaptive Sound Field Controller | 1 | QX2-4000 | Amplifier |
| 2 | V312S | Line Array Subwoofer | 1 | AC 48II | Audio Processor | 1 | QX2-3000 | Amplifier |
| 2 | V218S | Line Array Subwoofer | 1 | QX4-6000 | Amplifier | 1 | QX2-6000 | Amplifier |