

# VORTEX Series

## 10"&12"&15" COAXIAL ACTIVE FULLRANGE SPEAKERS

A brand new range of 10" , 12" and 15" active moulded speaker cabinets. Featuring high performance 1400W (peak) power amplifiers, and a unique coaxial speaker configuration, the VORTEX series are designed to perform and exceed your expectations and requirements for lightweight, portable PA cabinets.

VORTEX 10A/12A/15A  
active speaker cabinet

SPP2  
air suspension speaker pole  
(Optional)

VORTEX 15SA/18SA  
active sub bass cabinet

3800W  
POWER RATING

10"/12"/15"  
COAXIAL MF/HF

15"/18"  
SUB BASS

- COMPACT ACTIVE SYSTEM
- ADJUSTABLE POLE
- CONNECTING CABLE INCLUDED

## VORTEX 10A/12A/15A

10" & 12" & 15"  
COAXIAL ACTIVE  
FULL RANGE SPEAKERS

- BLUETOOTH INPUT
- 24BIT DSP
- 2 MIC/LINE INPUTS
- LINK OUTPUT
- 3.5MM LINE INPUT
- MULTIPLE CARRY HANDLES
- 1400W 2-WAY AMPLIFIER

M10 FLYING POINTS

DUAL 35mm  
TOP-HAT SOCKET (0°&10°)

MONITOR  
ANGLE  
80° X 80°

## Specification

|                       | VORTEX 10A                                                             | VORTEX 12A                                                             | VORTEX 15A                                                             | VORTEX 15SA                                       | VORTEX 18SA                                       |
|-----------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| MAX SPL               | 124dB                                                                  | 125dB                                                                  | 128dB                                                                  | 132dB                                             | 134dB                                             |
| AMP PEAK              | 1400W                                                                  | 1400W                                                                  | 1400W                                                                  | 2400W                                             | 2400W                                             |
| AMP PGM               | 700W                                                                   | 700W                                                                   | 700W                                                                   | 1200W                                             | 1200W                                             |
| AMP RMS               | 350W(300+50)                                                           | 350W(300+50)                                                           | 350W(300+50)                                                           | 600W                                              | 600W                                              |
| Cabinet type          | 2-way coaxial active                                                   | 2-way coaxial active                                                   | 2-way coaxial active                                                   | 15" active subwoofer                              | 15" active subwoofer                              |
| Frequency response    | 55Hz-20kHz                                                             | 50Hz-20kHz                                                             | 50Hz-20kHz                                                             | 43Hz-150kHz                                       | 45Hz-100kHz                                       |
| Input sensitivity     | 0dBu                                                                   | 0dBu                                                                   | 0dBu                                                                   | 0dBu                                              | 0dBu                                              |
| Coverage(H x V)       | 80° x 80°                                                              | 80° x 80°                                                              | 80° x 80°                                                              | -                                                 | -                                                 |
| LF Driver             | 10" / 50mm VC                                                          | 12" / 65mm VC                                                          | 15" / 65mm VC                                                          | 15" / 75mm VC                                     | 18" / 75mm VC                                     |
| HF Driver             | 34mm VC / 1" throat                                                    | 34mm VC / 1" throat                                                    | 34mm VC / 1" throat                                                    | -                                                 | -                                                 |
| Crossover frequency   | 2.2kHz                                                                 | 2.2kHz                                                                 | 2.2kHz                                                                 | 120Hz                                             | 120Hz                                             |
| DSP-24bit             | 5 modes<br>(music/live/dj/speech/monitor),<br>3 band EQ, delay, volume | 5 modes<br>(music/live/dj/speech/monitor),<br>3 band EQ, delay, volume | 5 modes<br>(music/live/dj/speech/monitor),<br>3 band EQ, delay, volume | Low cut /<br>delay /<br>volume                    | Low cut/<br>delay/<br>volume                      |
| Connection            | 2 x XLR / JACK input+3.5mm<br>XLR output                               | 2 x XLR / JACK input+3.5mm<br>XLR output                               | 2 x XLR / JACK input+3.5mm<br>XLR output                               | 2 x balanced XLR input<br>2 x balanced XLR output | 2 x balanced XLR input<br>2 x balanced XLR output |
| Mounting              | Dual top-hat,<br>5x M10 flying points                                  | Dual top-hat,<br>5x M10 flying points                                  | Dual top-hat,<br>5x M10 flying points                                  | -                                                 | -                                                 |
| Dimension (W × H × D) | 310 x 515 x 280mm                                                      | 360 x 585 x 310mm                                                      | 410 x 660 x 350mm                                                      | 460 x 580 x 580mm                                 | 530 x 682 x 610mm                                 |
| Net Weight            | 12.5kg                                                                 | 15.5kg                                                                 | 19kg                                                                   | 31kg                                              | 35kg                                              |

## SUGGESTED SETUP CONFIGURATION

### VORTEX 10A+15SA

- 2 VORTEX 10A Active Speaker Cabinet
- 2 VORTEX 15SA Active Sub Bass Cabinet
- 1 CLUB XS6+ Analogue Consoles
- 1 SPP2 Air suspension speaker pole
- 1 2M 3-pin XLR-XLR Cable

### VORTEX 12A+18SA

- 2 VORTEX 12A Active speaker cabinet
- 2 VORTEX 18SA Active sub bass cabinet
- 1 CLUB XS6+ Analogue Consoles
- 1 SPP2 Air suspension speaker pole
- 1 2M 3-pin XLR-XLR Cable