

# VX10a

10" Two-Way Full-Range Active Speaker

## DESCRIPTION

The VX series of multifunctional speaker system is designed for various applications requiring sound solutions of high durability and portability. The cabinet is made of engineering plastics, with a special medium that is specially added to improve sound quality. Equipped with excellent wear-resistance, along with outstanding sound quality performance, the VX series is widely used in many countries around the world. VX10a is a two-way full-range active speaker composed of a 10" LF woofer and a 1" HF compression driver with Titanium diaphragm. Its characteristics include big dynamic, high sensitivity, clear MF and HF with powerful LF. VX10a adopts the design of combining the horn with the cabinet, with rigging points surrounding the cabinet, and there are mounting holes at the bottom of the cabinet to facilitate the formation of an array. Standard hosting structure and 2-way XLR/TRS input mode ensures ease of use and simple installation.



## FEATURES

- 1000 watts (peak) 500 watts (program)
- Superior DSP processing with component protection
- 10-inch woofers with 2.5-inch voice coils
- 1-inch HF compression drivers
- 90° x 60° HF dispersion
- Dual purpose full-range and wedge monitor speaker
- Ultra-clear reproduction throughout the whole audio bandwidth
- Lightweight and high efficiency bi-amped power module
- Low distortion and high power-handling 12-inch woofers
- Recessed control panel
- Master Level control with Activity indicator (cabinet level adjustment)
- 3 Performance modes, Concert, Club and Monitor
- Defeatable 3 channel mixer with level controls and Clip indicators
- Bluetooth® input / streaming, not affected by Mixer Defeat

**TECHNICAL SPECIFICATIONS**

|                                  |                                 |   |
|----------------------------------|---------------------------------|---|
| <b>Acoustical specifications</b> | Frequency Response(-3db):       | 55Hz-18kHz  |
|                                  | Max SPL @ 1m:                   | 114dB/120dB(PEAK)   |
|                                  | Dispersion (H x V):             | 90°° x 60°°   |
| <b>Transducers</b>               | Compression driver:             | 1 x 1" HF   |
|                                  | Woofer:                         | 1 x 10" LF  |
| <b>Input/Output section</b>      | Input signal:                   | 100 Hz HP with Sub, Mixer IN/OUT, Stereo/Mono out, 3.5mm Aux in, BT streaming |
|                                  | Input Connectors:               | 2 x XLR, 2 x 1/4", 1/8", Bluetooth and Main in (XLR)                          |
| <b>Processor section</b>         | Crossover frequencies:          | 1.6kHz  |
| <b>Power section</b>             | Total Power:                    | 250W(RMS); 500W(MUSIC); 1000W(PEAK);  |
|                                  | Nominal Impedance (Ohm):        | 8Ω  |
|                                  | Cooling:                        | Speed controlled fan  |
|                                  | Voltage range:                  | AC 110V/230V, 50Hz/60Hz   |
| <b>Physical specifications</b>   | Cabinet/Case Material:          | Polypropylene Cabinet, ABS baffle, metal grille                               |
|                                  | Handles:                        | 2 x Plastic Handles(1 x Side / 1 x Back)                                      |
|                                  | Grille:                         | Powder Coated Steel with Grille Cloth   |
|                                  | Color:                          | Black   |
| <b>Size</b>                      | Dimension (W x D x H):          | 337 x 290 x 528mm / (13.3 x 11.4 x 20.8in)                                    |
|                                  | Package Dimensions (W x D x H): | 400 x 350 x 585mm / (15.7 x 13.8 x 23in)                                      |
| <b>Weight</b>                    | Net Weight:                     | 12.6 kg / 27.8 lb   |
|                                  | Gross Weight:                   | 15.5 kg / 34.2 lb   |