



# EVH

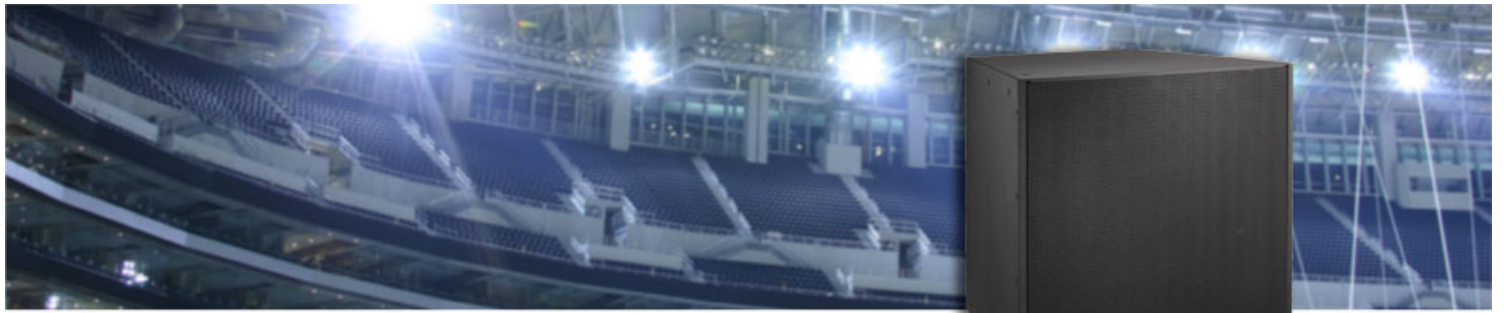


Coaxial 2-way high-power full-range system in a horn-loaded enclosure

- 15”( 381mm) LF driver in a horn-loaded coaxial loudspeaker enclosure
- Compression driver with 3”- titanium diaphragm, mounted on a 12” x 12” constant directivity horn with a 1.4” exit
- Very linear frequency response from 60 Hz to 17 kHz,
- Integrated crossover with an acoustic crossover frequency of 1300 Hz
- Rotatable HF Section Dispersion
- Rotatable Mid Band Dispersion
- Compact, trapezoidal-shaped cluster-enclosure; trapezoid angle: 15° per side
- 13-ply/ 18mm birch plywood; braced appropriately to prevent enclosure resonance with 28 suspension points
- Advanced 4th Order Crossover 24 db octave Slope with HF protection
- dynamic protection circuit for independent protection of both ways against thermal overload
- switchable bi-amp or passive operation:
- compact, trapezoidal-shaped,
- optional flying hardware
- Black textured paint
- input phoenix panel to handle up to 10AWG connector
- Easy external operation mode selection switch
- ANSI /IEC 60529 – IP55
- Maximum sustained humidity < 95%
- Salt content of normal air exposure <70%
- stainless steel fasteners
- Fiberglass enclosure
- Direct exposure to sun and rain , heavy rain , fog & snow
- full-face protected by a powder-coated steel-front-grille backed with acoustic foam

Technical specifications:

Frequency response (-3 dB)	60 Hz to 17kHz
Frequency response (-10 dB)	50 Hz to 20 kHz
Nominal coverage (-6 dB)	40°H x 30°V
Passive maximum long-term average power-handling capacity (per ANSI/EIA RS-426A)	500 W / 1000W / 2000W
Maximum long-term average power-handling capacity (per ANSI/EIA RS-426A) Bi-amped	LF – 400W / 1600W HF – 75W / 300W
Sensitivity Passive (1W / 1M), Sensitivity Bi-Amped ( LF / HF )	106 dB 107 dB / 114 dB



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Max. SPL Passive

138 dB

Nominal impedance passive

Nominal impedance bi-amped LF / HF