

VENUS SERIES ES-15

APPLICATIONS

Auditorium Sound Reinforcement	House of Worship Installations
Sports Facilities	Theatrical Sound Installations
Audio-Visual Systems	Nightclub Installations
Portable Sound Reinforcement	Stage & Vocal Monitor

DESCRIPTION

The ES-15 produces high definition, high impact sound over its controlled coverage angle, allowing precise effective audience coverage in a variety of applications. This point source loudspeaker, engineered for exceptional mid field and long throw performance, is known for its extraordinary fidelity and extremely high output. In addition to live performance venues it excels in music playback and stage monitoring applications. The multiple angle design along with the rotatable 90 degree (h) by 60 degree (v) coverage pattern offers optimal mounting and coverage options when up against walls and ceilings or a choice of angles when used as a stage monitor.

The ES-15 includes an internal passive Time-Align crossover and an internal switch for bi-amp mode configuration. The Bi-amp mode utilizes the Bag End® Karios KS26 DSP processor including the presets for crossover, EQ, Time-Align and system limiting protection. Its uniform controlled directivity, surprisingly powerful bass and Time-Align fidelity, coupled with its small size and hi output, makes it perfect for most stand alone applications.

Constructed from 15mm Baltic Birch plywood the ES-15 features a durable and attractive black Ro Tex finish, durable steel grille, integral handles, an internal stand adapter and M10 attachment points.



SPECIFICATIONS

System Type:

2-way vented 3.0 ft³

Enclosure:

18 mm 11-ply birch plywood

Finish:

Black Ro Tex™ true water born environmental finish

Grille:

14 Gauge black powder coated perforated steel

Low Frequency Components:

E-15F Transducer, 15" Cone, 3" Voice coil,

High Frequency Components:

E-806 Transducer, 1.4" Exit neodymium compression driver, CD Controlled directivity waveguide

Input Connector:

Dual Neutrik® speakON

Internal Amplification:

Optional self powered

Hardware:

Fly points
Optional steel yoke model ES-15

Fly Points Safe Working Load:

200 lbs Upper most rigging points

Crossover Type:

Passive or Bi Amp
Time-Align® equalizer filter @ 1 kHz

Sensitivity:

100 dB SPL (2.83 V @ 1 m)

Frequency Response:

65 Hz – 20 kHz

Low Frequency Limit:

45 Hz (-10 dB)

Maximum Calculated Continuous Acoustic Output:

132 dB SPL @ 1 m

Power Handling:

2000 W continuous (IEC 60268)

Recommended Amplifier Power:

1500 to 3000 W at rated impedance

Rated Impedance:

4 ohms

Coverage Pattern:

500 Hz – 18 kHz
110 degrees x 75 degrees

Q 500 Hz – 16 kHz:

8.9

Di 500 Hz – 16 kHz:

9.2 dB

Recommended High Pass Filter:

40 Hz Butterworth 18 dB/octave

Polarity:

A positive asymmetrical signal applied to the + terminal will result in a positive asymmetrical acoustical pressure

Dimensions:

22.5 in w x 23.4 in d x 27.2 in h
57 cm x 59.5 cm x 69 cm

Weight:

68.4 lbs
31 kg

Custom Finishes:

Optional custom finishes include white, unfinished ready to paint and outdoor weather treatment.