Blackline F15
Wide-bandwidth system

features
- Wide-bandwidth system
- Multi-angle birch ply enclosure
- User rotatable 80° x 50° horn
- Top hat fitting for tripod mounting
- 1.4” (35mm) compression driver
- Five year limited warranty

applications
- Live club performance
- High powered stage monitoring
- Club installs

The high power Blackline F15 is a high performance, wide-bandwidth system in an incredibly compact and efficient package. Extended frequency response is provided by a 15” (380mm) LF driver teamed with a 1.4” (35mm) exit compression driver mounted on a rotatable 80° x 50° constant directivity HF horn. The F15 is perfect for higher power applications where ease of installation or speed of deployment are important factors.

The Blackline F15’s multi-angle birch ply cabinet allows it to be used as a high power floor monitor. This ergonomic design and its rotatable HF horn makes near-ceiling mounting and aiming easy in venues with restricted height. Its twelve M8 inserts make a variety of mounting methods possible including horizontal or vertical mounting.

The F15 comes with a top hat fitting for tripod mounting. This fitting can also be used as a pole socket when the F15 is used with, for instance, a Blackline S18 subwoofer.

A Martin Audio M3 Electronic Controller is available to provide F15/subwoofer crossover and limiter facilities. See the M3 Electronic Controller Technical Specifications for suitable M3 Controller Cards.
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Frequency responses

F15 Horizontal Magnitude in dB SPL/2.83V at 1 meter

F15 Horizontal Beamwidth

F15 Vertical Beamwidth
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overall dimensions
The loudspeaker system shall be of the two-way passive type consisting of one 15" (380mm) direct radiating reflex loaded low frequency transducer and one 1.4" (35mm) exit HF compression driver mounted on a user rotatable constant directivity horn in a multi-angled enclosure. The enclosure shall be of a multi-laminate birch ply construction with integral pole mount and threaded inserts for wall and ceiling mounting. Low and high frequency sections shall be integrated by an internal 1.2kHz passive crossover network.

Performance of the loudspeaker system with its electronic controller shall meet or exceed the following criteria:

- Frequency response measured 1 metre on axis shall be 55Hz-18kHz ±3dB.
- High frequency dispersion at -6dB points shall be 80˚H x 50˚V.
- Power handling shall be 400W AES, 1600W peak.
- Rated impedance shall be 8 ohms.
- Maximum SPL measured at 1 metre on axis shall be 123dB continuous, 129dB peak.
- Dimensions (W) 471mm x (H) 690mm x (D) 443mm (18.5ins x 27.2ins x 17.5ins).
- Weight 32.5kg (71.5lbs).

The loudspeaker system shall be the Martin Audio F15.