



# F300

## FLOOR MONITOR

The **F300** is a high power fullrange 2 way passive loudspeaker system designed for as a compact, low profile floor monitor. Ideal for a multitude of critical professional audio applications where compact size, low distortion and high output capability are the major considerations. The compact size and the two seperate wedge angles of cabinet construction, allow for differing stage sizes, with well controlled accuracy and predictable dispersion characteristics.

Avoiding the need for ancillary control electronics, the passive **F300** provides high dynamic, high efficiency output from an ultra compact enclosure. The two way system utilizes a co-axial 380mm (15") low frequency driver combined with a 25mm (1") compression driver mounted on the driver assembly. Complex and robust in design and construction, the unique **F300** 'Network Manager' provides equalization for both, horn / compression driver resonance and power response. Accurate filtering allows for a smooth transition between low & high frequency drivers at the critical crossover point. The resulting smooth frequency response and phase coherence provides well defined clarity and detail.

The **F300** is fabricated from high density plywood with internal bracing, it comes supplied as standard with one heavy duty handle. The steel grille is powder coated for durability and the enclosure is finished in heavy duty black carpet with steel protective corners.

### SPECIFICATIONS

<b>Frequency Response:</b>	60Hz - 15kHz +/- 3dB.	<b>Enclosure Type:</b>	Vented, High density plywood, Floor monitorl.
<b>Rated Power:</b>	300 watts continuous program, 500 watts peak music program	<b>Input:</b>	Dual parallel SPEAKON or XLR.
<b>Maximum SPL:</b>	125dB peak @ 500 watts	<b>Grille:</b>	Perforated steel powder coated.
<b>Sensitivity:</b>	99dB 1watt / 1 metre.	<b>Dimensions:</b>	W x H x D, 550 x 450 x 460mm
<b>Impedance:</b>	8 ohms nominal.	<b>Weight:</b>	32 Kgs
<b>Bass Driver:</b>	385mm (15")	<i>Distributed by</i>	
<b>Compression Driver:</b>	Proprietary 25mm (1") throat.	<div style="border: 1px solid black; border-radius: 15px; height: 40px; width: 100%;"></div>	
<b>Horn:</b>	60 x 40 degree constant directivity.		