

LS18AMP-S85F

Open Active Speaker

FEATURES

Commonly used in grand theater tours& widely recognized for high-end use;

As an open active speaker, it can be extended to a multi-purpose system including FOH, stage monitoring, front fill, and delayed fill.

150° ultra wide horizontal coverage.

A horizontal directivity angle of 75° allows for long-distance coverage.

The horn can be installed by 90°rotation.

18" subwoofer with 2000W high-power, a clear advantage in active speakers.

FIR phase correction for accurate sound.

SIC new power amplifiers with high sound quality.

Have a higher power and maximum sound pressure output than other speakers with the same size.

The column can be flexibly placed whether vertically or horizontally with strong practicality.

Maintenance and replacement are very fast.

Column

Frequency Response	60Hz-18kHz
Power	2800W
Nominal Impedance	8Ω
Coverage	Hor 150° x Ver 40° / Hor 75° x Ver 30° The horn can be installed by 90°rotation.
Max. SPL	132dB
Components	1x1.4" throat 75mm voice coil HF driver 4x8" 64mm voice coil neodymium LF driver
Dimension(HxWxD)	1040x240x300mm
Net Weight	27Kg
Box Material	15mm birch plywood
Box Painting	Black polyurea spray paint
Grille	Hexagonal perforated grille with anti rubbing mesh

Subwoofer

Frequency Response	30Hz-200Hz
Power	2000W
Max. SPL	134dB
Components	1x18" 100mm voice coil LF driver
Dimension(HxWxD)	764x561x756mm
Net Weight	75Kg (including amplifier peripheral equipment)
Box Material	18mm birch plywood
Box Painting	Black matte spray paint
Grille	Hexagonal perforated grille with anti rubbing mesh
Hardware	Handles on both sides of the speaker; Rubber footing



Power Amplifier

Output Power	Stereo	8 Ω	2×2800W
		4 Ω	2×4650W
		2 Ω	2×6900W
	Bridge	16 Ω	5600W
		8 Ω	9250W
		4 Ω	11750W
Protect		Short-circuit, overload, overheat	
Signal Input		XLR	
Wire Sequence		1 grounded, 2 hot (+), 3 cold (-)	
Power Supply		AC 220V~50-60Hz	

Speaker Controller

DSP	FIR Filter
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List

ESS S85F Column	1pc
ESS LS18AMP Speaker	1pc
ESS SIC14000.2 power amplifier	1pc
ESS HD8 Controller	1pc
ESS TS -8 Sequencer	1pc
Active support pole 600/900mm	1pc

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Dimension

