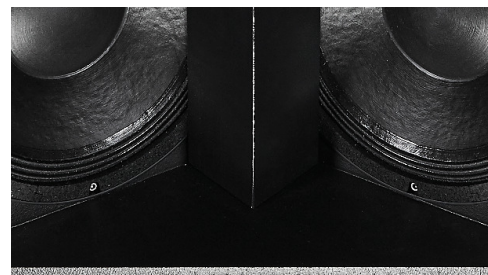


SP-F2A

Screen channel



STATE-OF-THE-ART DESIGN

The SP-F2A couples the drivers in a very unique way by using wave combination and phase bar.



ACTIVE SYSTEM

The SP-F2A is an active system using the external digital controller SP-C1.



HIGH-POWER SURROUND SPEAKER

Thanks to the special form factor of the SP-F2A it can be used as the ultimate wall/ceiling surround speaker.

- Active 2-Way Full Range Loudspeaker
- Controller SP-C1 with System Preset
- Bassreflex
- 2 x 12" Woofer
- 1.75" Compression Driver on V²D-Horn
- 90° x 90° Dispersion
- High-Power Wall/Ceiling Surround

DESCRIPTION

The SP-F2A is a state-of-the-art active 2-way full range loudspeaker for cinema applications. Crossover and equalization is done within the external controller SP-C1.

The two 12" woofers employ wave combination as well as a phase bar to enhance the coupling with the V²D horn.

The V²D horn (Variable Vertical Dispersion) allows different vertical dispersion characteristics by means of using the appropriate driver in combination with a transition piece between driver and horn throat.

90 x 90 degree dispersion is the standard and is achieved by using a standard 1.75" compression driver custom coupled to the V²D horn.

The SP-F2A boasts 1200W AES and is therefore ideal for mid sized rooms with up to 350 seats.

the real
CINEMA SOUND
sensation.

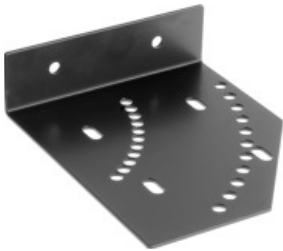
SP-F2A



TECHNICAL SPECIFICATIONS

Frequency Response (-6 dB)	55 – 20'000 Hz
Sensitivity (Half space 1W/1m)	LF: 105 dB, HF: 110 dB SPL
Impedance	LF: 4 Ω, HF: 8 Ω
Dispersion (H x V)	90 x 90°
Power Handling (AES)	LF: 1'200 W, HF: 80 W
System	Active, 2-Way, Fullrange, Bassreflex
LF Driver	2 x 12" with 4" Voice Coil
HF Driver	Compression Driver with 1.75" Voice Coil on V ² D-Horn
Terminal	2x Spring-loaded
Dimensions (W x H x D)	1300 x 380 x 350 mm
Net Weight	48 kg

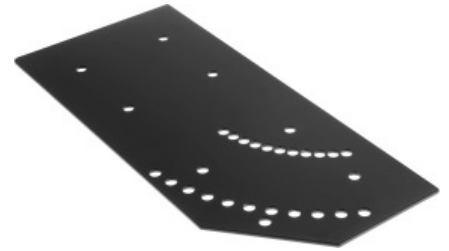
ACCESSORIES



TILT KIT (SP-FN2)
Tilt brackets with mounting holes for angles from -10 to 30° in 5° steps.



LF EXTENSION (SP-LF2E)
The frequency response can be extended by using the matching SP-LF2E.



CONNECTOR BRACKET (SP-FV2)
Set containing 1 pair for SP-LF2E and SP-F2 or SP-F2A.

TECHNICAL DRAWING

