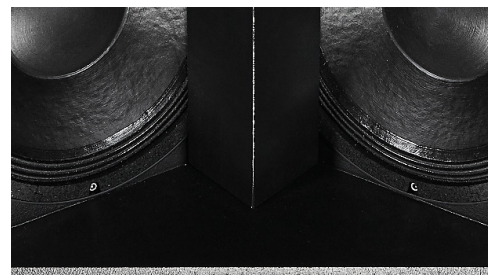


# SP-F2

## Screen channel



### STATE-OF-THE-ART DESIGN

The SP-F2 couples the drivers in a very unique way by using wave combination and phase bar.



### ACTIVE EQUALIZATION

The equalization of the SP-F2 is done by an external digital controller SP-C1.



### HIGH-POWER SURROUND SPEAKER

Thanks to the special form factor of the SP-F2 it can be used as the ultimate wall/ceiling surround speaker.

- **Passive, 2-Way Full Range Loudspeaker**
- **Active Equalization with Controller**
- **Bassreflex**
- **2 x 12" Woofer**
- **1.75" Compression Driver on V<sup>2</sup>D-Horn**
- **1200W/2400W (AES/Program)**
- **90° x 90° Dispersion**
- **105 dB SPL Sensitivity**
- **High-Power Wall/Ceiling Surround**

### DESCRIPTION

*The SP-F2 is a state-of-the-art passive 2-way full range loudspeaker for cinema applications that uses an external active controller SP-C1. The two 12" woofers employ wave combination as well as a phase bar to enhance the coupling with the V<sup>2</sup>D horn.*

*The V<sup>2</sup>D 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 V<sup>2</sup>D horn.*

*The SP-F2 boasts 1200W AES and is therefore ideal for mid sized rooms with up to 350 seats.*

*the real*  
**CINEMA SOUND**  
*sensation.*

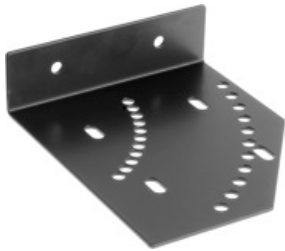
# SP-F2



## TECHNICAL SPECIFICATIONS

Frequency Response (-6 dB)	55 – 20'000 Hz
Sensitivity (Half space 1W/1m)	105 dB SPL
Impedance	4 Ω
Dispersion (H x V)	90 x 90°
Power Handling (AES)	1'200 W
System	Passive with Active Equalization, 2-Way, Fullrange, Bassreflex
LF Driver	2 x 12" with 4" Voice Coil
HF Driver	Compression Driver with 1.75" Voice Coil on V <sup>2</sup> D-Horn
Terminal	Spring-loaded
Dimensions (W x H x D)	1300 x 380 x 350 mm
Net Weight	49 kg

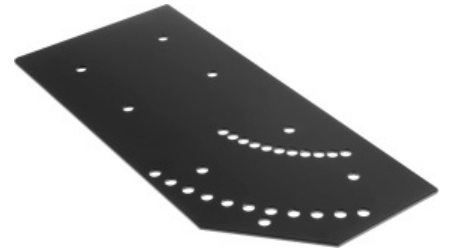
## ACCESSORIES



**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

