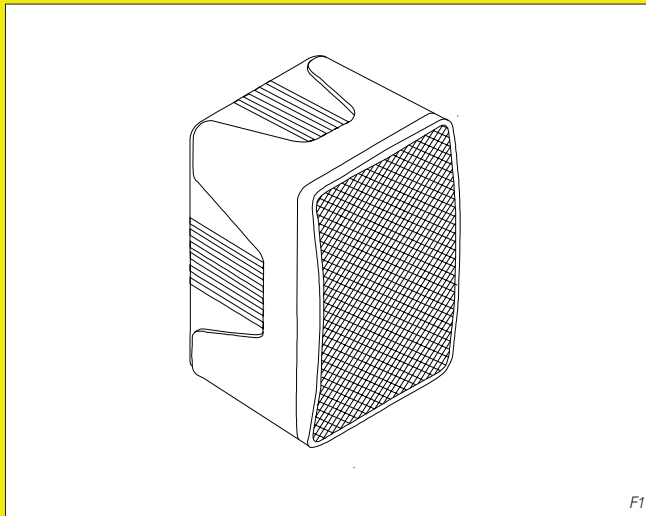




stage accompany

## Technical specifications F1



# Friend F1

In this documentation you will find information about:

- Description
- Placement
- Connection
- Options
- Mounting system
- Recommendation
- Technical specifications

### Description

The F1 is a compact full-range monitor, with single 5" woofer in combination with a soft-dome tweeter, in a mineral filled polypropylene housing. It is recommended for applications where low output, quality background sound reinforcement is needed.

### Placement

The F1 can be placed standing on the floor, a shelf, platform, etc. or can be mounted on the wall with (optional)

F-bracket. For optimum response, always make sure there are no obstructions in front of the cabinet and that the cabinet is projected ("aimed") at the listening position.

Please note that (bass) response may vary with the position of the cabinet, through "acoustic coupling" (floor, ceiling, wall reflections) or obstructions.

### Connection

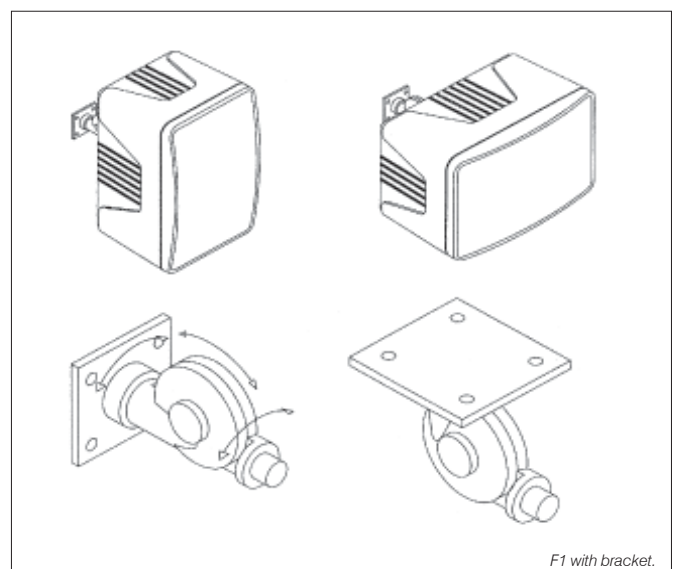
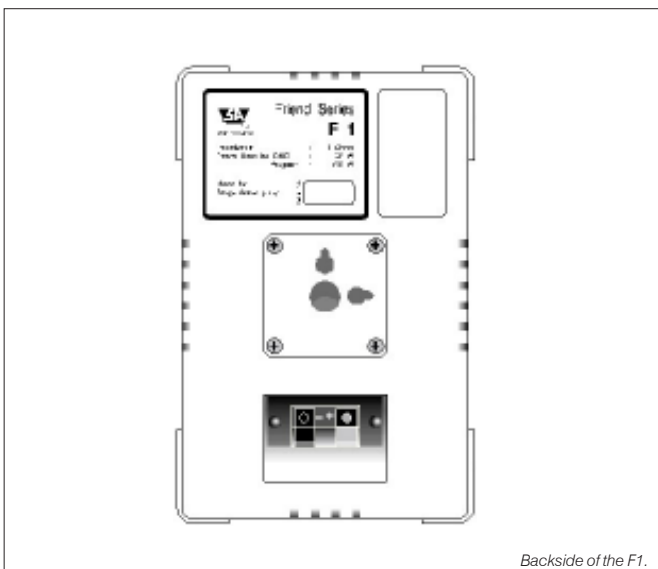
The F1 has a spring-terminal connector enabling easy serial/parallel connection.

Up to eight F1 monitors per channel can be connected in a serial-parallel arrangement. Based on an amplifier with 2x 430W @ 4 ohm output, delivering approximately 50W per loudspeaker.

Caution! When linking, make sure nominal impedance stays within amplifier specification! When using the spring-terminals, be aware of the right polarity (see connector panel).

### Options

The F1 cabinet is available in 2 colours, black and white. For application in line distribution systems a multitap transformer in the F1 is also available (100V). This transformer enables adjusting the nominal input power to the F1 from 2 – 30 W (50V/70V/100V).



## Mounting system

The F1 can be mounted with the F-bracket. The bracket enables mounting with optimized projection and dispersion under all surface angles. Like the F1, the F-bracket is also available in black and white.

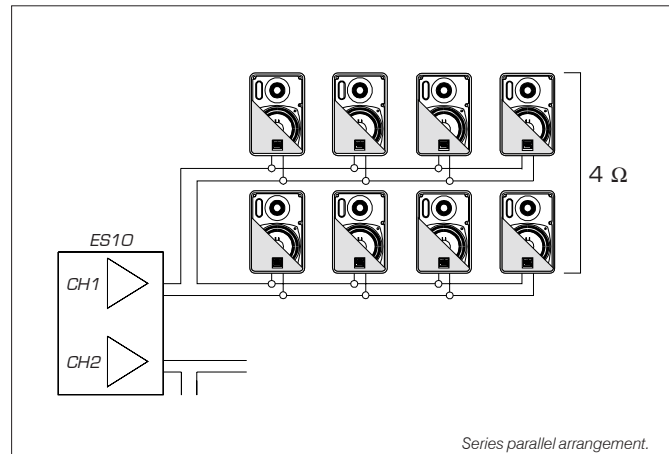
The F1 can also be fitted with a simple hook, using the holes which are integrated in the mounting plate on the backside of the cabinet.

## Recommendation

To use the F1 we recommend the ES10 power amplifier.

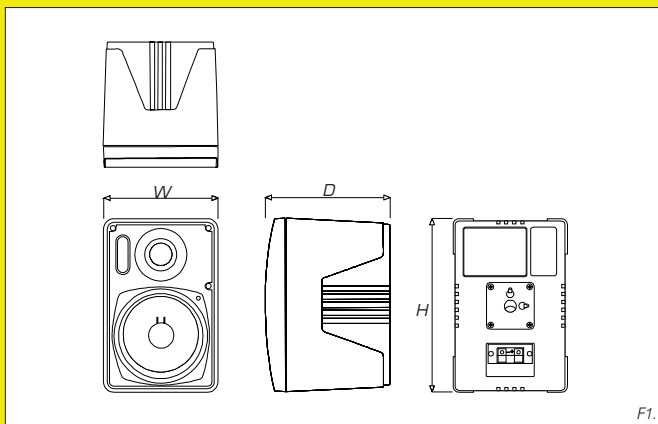
As shown on the right, the ES10 amplifier load in this configuration

is 4 ohms per channel.



## Technical specifications

Frequency response	: 80 Hz - 23 kHz (+/- 3dB)
Drivers	: 5" LF driver, 1" soft dome tweeter
Nominal impedance	: 8 W
with line transformer	: 167/335/670/1350/2700/5400 W
Sensitivity @ 1W/1m	: 87 dB
with line transformer	: 86 dB
Max. RMS power	: 80 W
Max. Peak power	: 160 W
SPL program/peak (dB)	: 106/109 dB
Dispersion (-6 dB h x v)	: 140° x 120° (500 Hz-10 kHz)
Enclosure	: Vented, mineral filled polypropylene
Color	: Black or white
Protective grill	: Punched hole metal grill
Connectors	: Push button
Options	: Hanging fixture; 30 W line transformer
Physical dimensions (h x w x d)	: 232 x 154 x 151mm (9.1 x 6.1 x 5.9 in.)
Weight	: 2,8 kg, (3,5 kg with transformer) 6,2 lb (7,7 lb with transformer)
Warranty	: 5 years limited (1 year on "moving parts")



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