

► Column Speakers

ESS 402

ESS 802

ESS 1002

ESS 1402

ESS 2202

65mm

► Elegant Slimline Design

Precise Directivity

Long Throw

2-Way Design,
Acoustically Optimized

Dynamic Low Distortion
Ferrofluid Tweeter

Excellent Intelligibility

Powder Coated
Aluminium Cabinet

Weather- and
Dustproof, IP 55

Easy to Mount

Ball Impact Proof

RoHS Compliant

▶ Column Speakers ESS-Series

The unobtrusive elegance of these only 67 mm wide speakers in softline optic enables a perfect integration even in difficult settings.

Despite their small size, these new speakers have a remarkable acoustical potential. The excellent transmission quality of the 2-way concept is the result of intelligent optimisation and careful selection of the drivers, as well as the use of highly effective alnico magnets, a generously sized, large bandwidth 100 V transformer, a low distortion dynamic ferrofluid dome tweeters and a low resonance, acoustically inert aluminium case. A special membrane coating prevents partial resonances.

Superb efficiency

Outstanding intelligibility also results from the high directivity and maximum range, which makes them absolutely indispensable in resonant environments. Their superb efficiency ensures an optimal sound pressure with high resistance to distortion.

Perfect casing

The aluminium casing has been reinforced is therefore of low resonance as well as corrosion- and weatherproof, all of which facilitates an effective sound-optimization. Several subtle component

improvements, such as the use of special rivets, sealed lids and an air light cable bushings have led to a highly acoustical inert unit that is splash- and dustproof with low distortion.

At the rear there is a multifunctional universal duct, which can be used for the speaker cable, but also for attaching the optional swivel mount CS-SM or for a safety-rope connection. The case is powder coated (RAL 9010) making it robust and resilient.

Easy to mount

The ESS series has an internal 4-pole pushterminal that does not require any additional tools and which also allows for jump wiring. Included is a PG 7 connector that permits installation in dusty and/or damp conditions. The 100 V transformer facilitates a 100, 50 or 25 % tapping.

Two separate cable entry points at the rear can be equipped with PG7 cable glands and allow easy cable loop through.

Also included are two adjustable brackets that facilitate panning of the speakers as well as tilting by up to 8°.

All columns are 100% RoHS compliant!



NEW

Specifications	ESS 402	ESS 802	ESS 1002	ESS 1402	ESS 2202
Art.-no.	108504	108508	108512	108525	108530
Drivers + 1 tweeter	4x WR	8x WR	10x WR	14x WR	22x WR (2 tweeter)
Rated power	20 W	30 W	40 W	30 W	60W
Power tappings	20-10-5 W	30-15-7,5 W	40-20-10 W	30-15-7,5 W	60-30-15W
Sound Pressure Level (1W/1m)	94 dB	96 dB	97 dB	97 dB	99 dB
Sound Pressure Level	107 dB	111 dB	113 dB	112 dB	117 dB
Frequenzy response	250 Hz-19kHz	200 Hz-19kHz	190 Hz-19kHz	190 Hz-19kHz	150 Hz- 19kHz
Dispersion Angel (1 kHz H/V)	160°/80°	160°/60°	160°/50°	160°/40°	160°/ 28°
Dimensions in mm (W x D x H)	67 x 64 x 392	67 x 64 x 607	67 x 64 x 719	67 x 64 x 943	67 x 64 x 1512
Weight	1,9 kg	2,5 kg	2,8 kg	3,4 kg	5,9 kg
Accessories included	2x mounting brackets, 2x hexagonal screws, 1x hexagonal key, 1x PG 7 connector, 2x rubber membrane bushing, 2x PVC washers				