

## ▶ Column Speakers

ESL 202

ESL 402

ESL 602

ESL 802

ESL 1002

99mm

▶ Elegant Slimline Design

Precise Directivity

Long Throw

2-Way Design,  
Acoustically Optimized

Optimized 3,5" Drivers  
for Excellent Speech-  
& Music Reproduction

Excellent Intelligibility

Powder Coated  
Aluminium Cabinet

Weather- and  
Dustproof, IP 55

Easy to Mount

Ball Impact Proof

RoHS Compliant

# ► Column Speakers ESL-Series

The unobtrusive elegance of these only 99 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 Piezo tweeter 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. Additionally the column speakers of the ESL-series can be used for music reproduction.

## 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 a special cable bushings have led to a highly acoustically inert unit that is water- 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 or for a safety-rope connection. The case is powder coated (RAL 9010) making it robust and resilient.

## Easy to mount

The ESL 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 screw cable gland 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 screw cable glands and allow easy cable loop through.

Also included are two adjustable brackets that facilitate panning of the speakers as well as tilting.

All columns are 100% RoHS Compliant!



Specifications	ESL 202	ESL 402	ESL 602	ESL 802	ESL 1002
Art.-no.	108602	108608	108614	108618	108620
Drivers + 1 tweeter	2x WR	4x WR	6x WR	8x WR	10x WR
Rated power	15 W	30 W	30 W	30 W	40 W
Power tapings	15-7,5-3,75W	30-15-7,5 W	30-15-7,5 W	30-15-7,5 W	40-20-10 W
Sound pressure level (1W/1m)	94 dB	96 dB	97 dB	98 dB	99 dB
Sound pressure level	106 dB	111 dB	112 dB	113 dB	115 dB
Frequenzy response	230 Hz-19kHz	180 Hz-19kHz	160 Hz-19kHz	170 Hz-19kHz	170 Hz-19kHz
Dispersion angle (1 Khz H/V)	160°/80°	160°/65°	160°/60°	160°/50°	160°/45°
Dimensions in mm (W x D x H)	99 x 84 x 348	99 x 84 x 554	99 x 84 x 760	99 x 84 x 966	99 x 84 x 1172
Weight	2,1 kg	3,7 kg	5,4 kg	6,9 kg	8,4 kg
Accessories included	2x mounting brackets, 1x extension, 3x hexagonal screws, 1x hexagonal key, 1x M6 nut, 1x metal washer, 1x Pg7 connector, 2x rubber membrane bushing, 2x PVC washers				