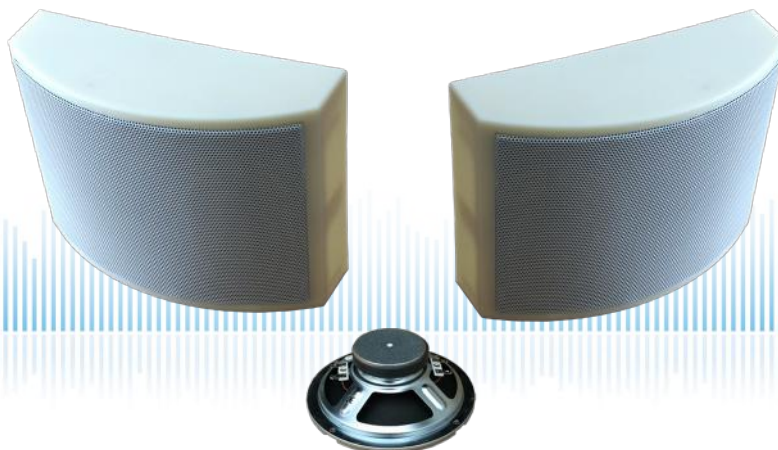


DESIGN-230DC-10W/EN5424

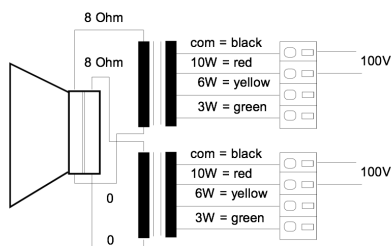
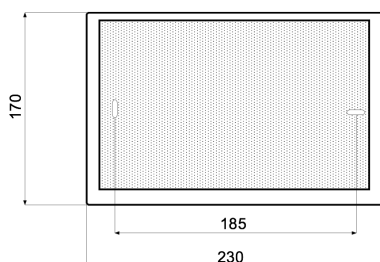
EN 54-24 On-Wall / Ceiling-Speaker

in ABS with 2x 10 Watt Power and AB-Dual-Cone-Technique

EN
54-24



optionally available:
**Multiple entry including
strain relief**



TECHNICAL DATA

	DESIGN-230DC-10W/EN5424
Loudspeaker:	5" - broadband with Dual Voice Coil
Power-Consumption:	2x 100V-10-6-3W
Frequency-Range:	80-16 000 Hz
EN-Sensitivity 1W/4M:	72 dB (1x), 78 dB (2x)
SPL max 10W/4M:	83 dB (1x), 89 dB (2x)
SPL 1W/1M max. EASE/Ulysses:	100 dB (1 - 1,5 kHz) (double)
SPL 10W/1M max. EASE/Ulysses:	109,5 dB (1 - 1,5 kHz) (double)
Radiation H (0,5/1/2/4KHz):	180°/180°/104°/80° (single)
Radiation V (0,5/1/2/4KHz):	180°/180°/89°/116° (single)
Dimension:	230 x 170 x 80mm
Weight:	1,8 kg
Material:	ABS / 5VB
Color:	white
Certificate-Nr.:	1293-CPR-0415
Order-Nr.:	DESIGN-230DC-10W/EN5424

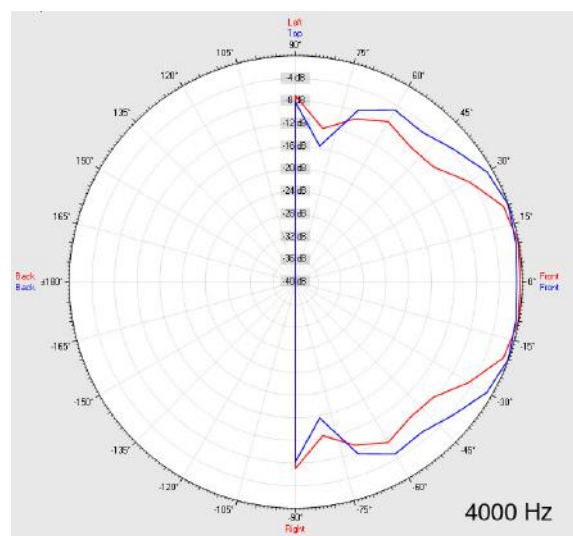
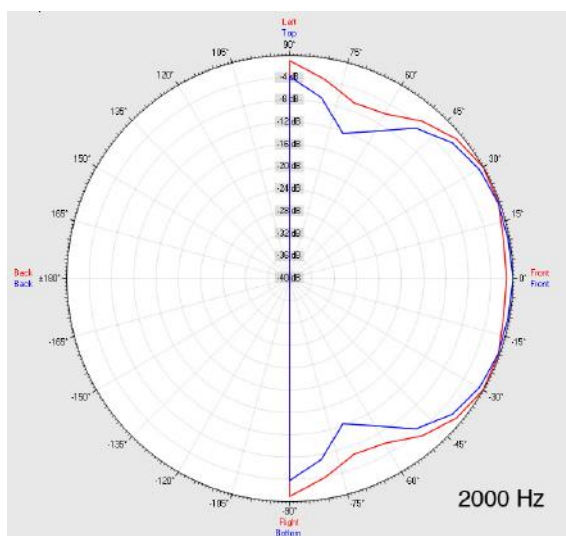
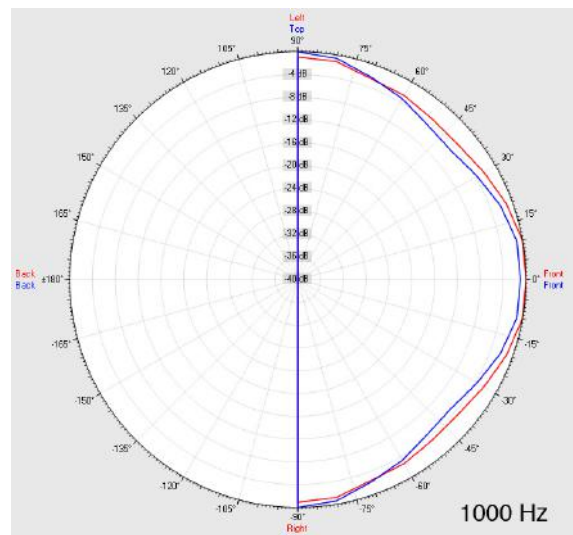
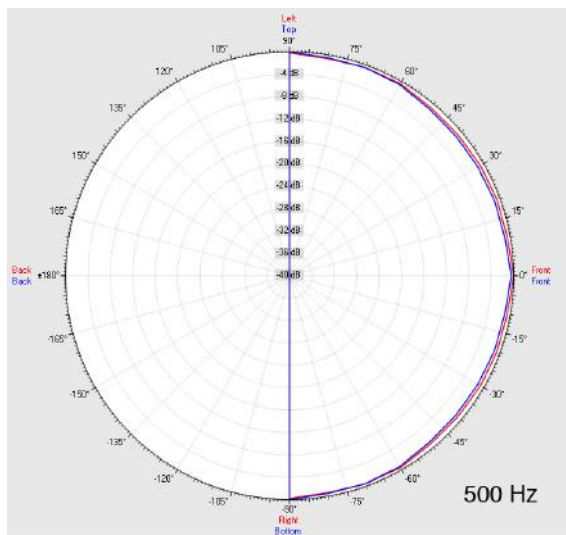
- Two autonomous loudspeaker/100V-transformer per system
- Enable operation of speaker via two discrete cable-lines
- In case of breakdown of one line, continuous function of the second
- In case of overheating of one coil, continuous function of the second
- No bisection of the membrane surface
- Flame retardent material acc. to EN 60695-11-20, 5VB
- Custom colors & wetroom-version with ALU-grill and impregnation obtainable
- Ceramic clamp & thermal fuse by request
- Optional multiple entry including strain relief available
- Always check full functionality of the line monitoring before using our dual voice coil products.

DESIGN-230DC-10W/EN5424

EN 54-24 On-Wall / Ceiling-Speaker

in ABS with 2x 10 Watt Power and AB-Dual-Cone-Technique

Radiation



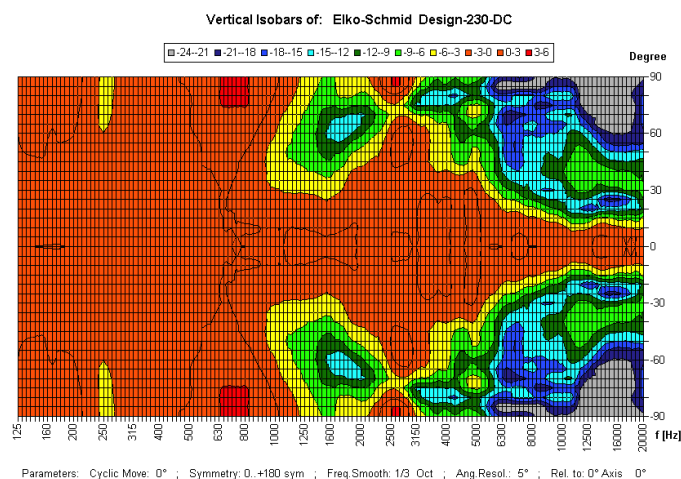
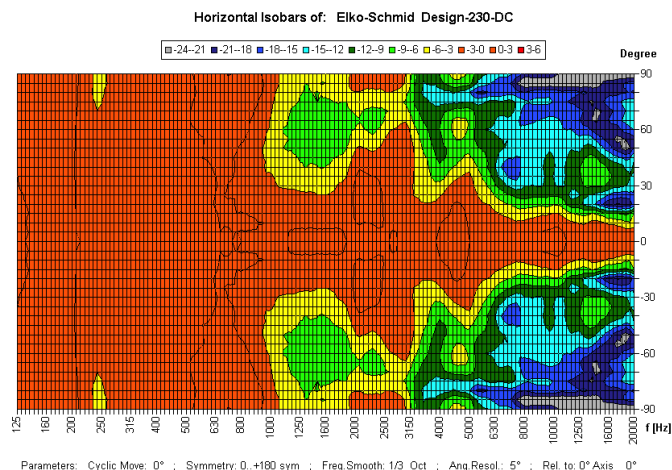
Test method	Axis	500 Hz	1000 Hz	2000 Hz	4000 Hz
EN 54-24	HOR	180°	180°	104°	80°
EN 54-24	VER	180°	180°	89°	116°
EASE/Ulysses	HOR	180°	180°	180°	70°
EASE/Ulysses	VER	180°	180°	105°	130°

DESIGN-230DC-10W/EN5424

EN 54-24 On-Wall / Ceiling-Speaker

in ABS with 2x 10 Watt Power and AB-Dual-Cone-Technique

Isobar-diagram



CE

1293

Elko Schmid GmbH & Co. KG
Glauchauer Str. 30, D-08058 Zwickau

14

DoP: 498058129314-OWS-PN-0002

EN 54-24

Loudspeaker for voice alarm systems for
fire detection and fire alarm systems for buildings

DESIGN-230DC-10W/EN5424

Intended Option:
Type A