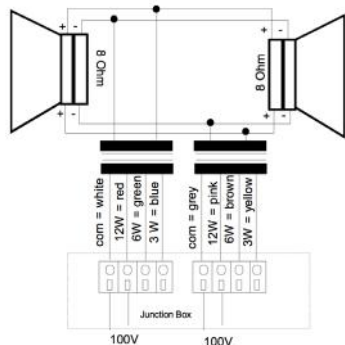
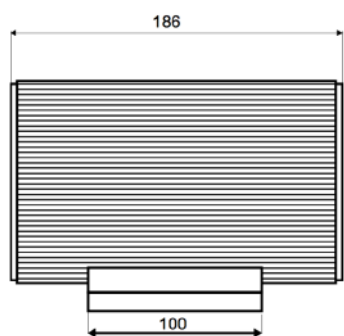
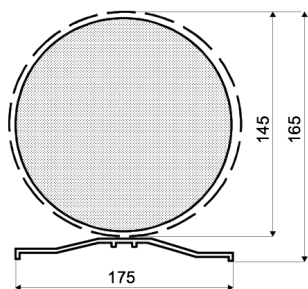


# LAMPRODYN-BI-12W-DC/EN5424

EN 54-24 Projector-Speaker

in ALU with 2x 30 Watt Power and AB-Dual-Cone-Technique

EN  
54-24



## TECHNICAL DATA

## LAMPRODYN-BI-12W-DC/EN5424

Loudspeaker:	2x 5" - Dual Voice Coil
Power-Consumption:	2x 100V-12-6-3W
Frequency-Range:	80-17 000 Hz
EN-Sensitivity 1W/4M:	70 dB (1x), 76 dB (2x)
SPL max 12W/4M:	83 dB (1x), 89 dB (2x)
SPL 1W/1M max. EASE/Ulysses:	95 dB (1,5 kHz) (double)
SPL 12W/1M max. EASE/Ulysses:	105 dB (1,5 kHz) (double)
Radiation H (0,5/1/2/4KHz):	360°/335°/108°/85° (single)
Radiation V (0,5/1/2/4KHz):	360°/335°/108°/85° (single)
Dimension:	145 x 186mm, 175mm socket width
Weight:	3,5 kg
Material:	Aluminium
Color:	white
Certificate-Nr.:	1293-CPR-0431
Order-Nr.:	LAMPRODYN-BI-12W-DC/EN5424

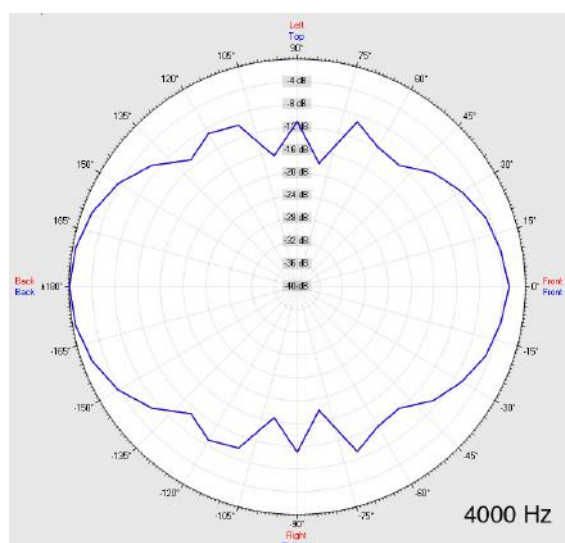
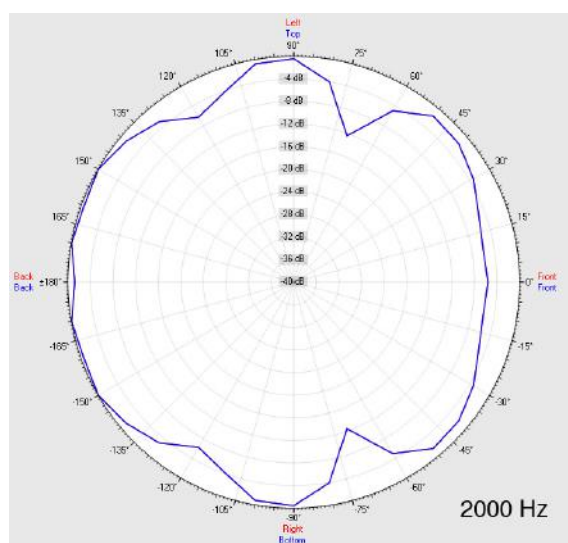
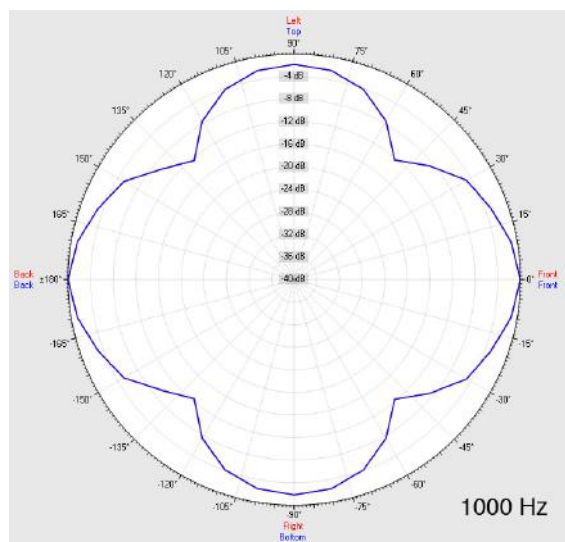
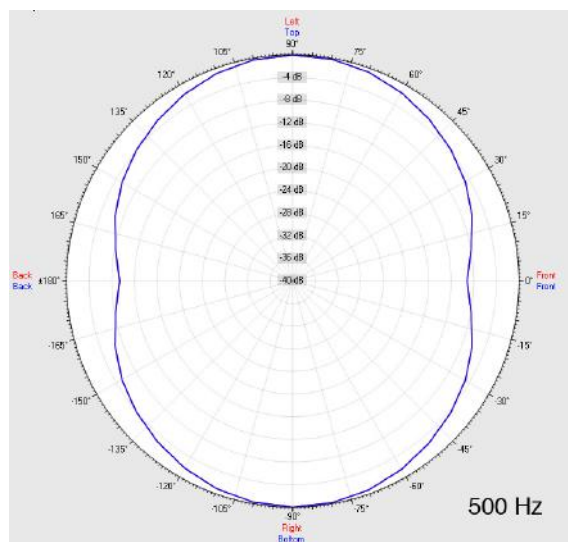
- Two autonomous 100V-transformers per system
- Four fully independent systems / two DC-systems per sound direction
- In case of breakdown of one line, continuous function of the second
- Special DIN 912-ISO 4762 screws
- Ceramic clamp & thermal fuse by request
- Always check full functionality of the line monitoring before using our dual voice coil products.

# LAMPRODYN-BI-12W-DC/EN5424

EN 54-24 Projector-Speaker

in ALU with 2x 30 Watt Power and AB-Dual-Cone-Technique

## Radiation



Test method	Axis	500 Hz	1000 Hz	2000 Hz	4000 Hz
EN 54-24	HOR	360°	335°	108°	85°
EN 54-24	VER	360°	335°	108°	85°
EASE/Ulysses	HOR	180°/180°	70°/70°	180°/180°	80°/80°
EASE/Ulysses	VER	180°/180°	70°/70°	180°/180°	80°/80°

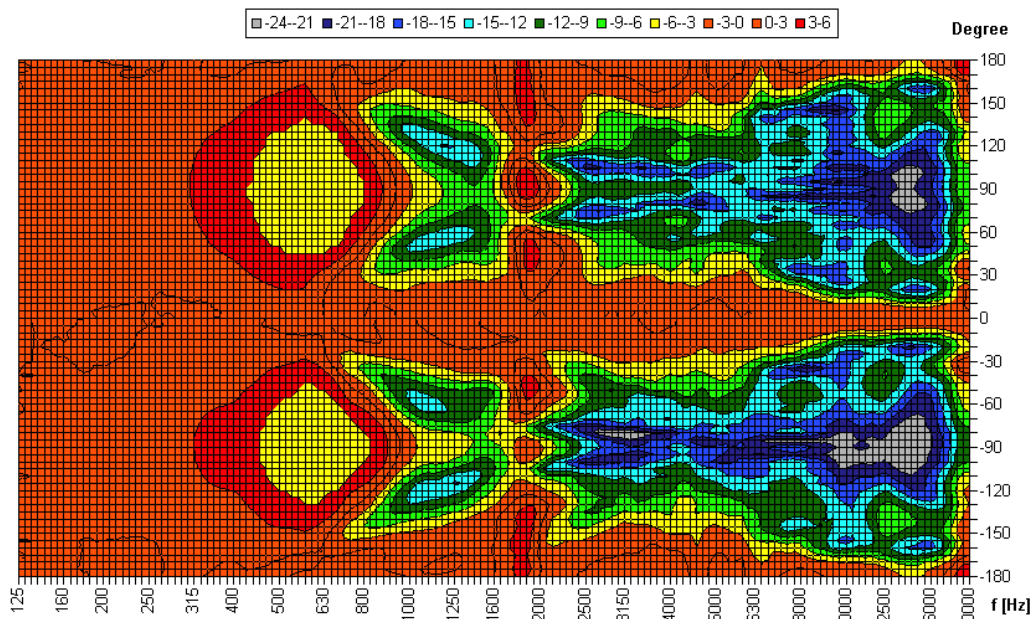
# LAMPRODYN-BI-12W-DC/EN5424

EN 54-24 Projector-Speaker

in ALU with 2x 30 Watt Power and AB-Dual-Cone-Technique

## Isobar-Diagramm

Horizontal Isobars of: Elko-Schmid Lamprodyn-130-bi-DC



Parameters: Cyclic Move: 0° ; Symmetry: no symmetry ; Freq.Smooth: 1/3 Oct ; Ang.Resol.: 5° ; Rel. to: 0° Axis 0°

**CE**

1293

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

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DoP: 498058129314-OWS-PN-0006

EN 54-24

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

LAMPRODYN-BI-12W-DC/EN5424

Intended Option:  
Type A