2023

New range of EN54-24 certified speaker units

NEWS

NEWS



6 W Ceiling speaker units

The **C575/6-EN** ceiling speaker is equipped with a 6,5" full-range loudspeaker chassis and a 100 V transformer for power adjustments. Its lightweight metal firedom, allows a low product weight. A pin-ceramic block and a thermal fuse are provided.

10 W Ceiling speaker units

This **C531/10-EN** ceiling speaker - featuring a broadband loudspeaker (8" cone) and a 100V transformer - which allows power to be adjusted - provides a very good sound performance. Another peculiarity is the protective cap in light metal. It features a ceramic terminal and a protected integrated thermal fuse





20/30/40 W HI-FI Ceiling speaker units

The **C51HF-EN Series** ceiling speakers feature 2 loudspeakers and built with a body in self extinguishing ABS 5VB with a metal cap and grille. They are equipped with a protected integrated thermal fuse, a 100 V transformer for connection via terminal block to constant voltage lines and a rotary switch which allows easily tapping of the output power. Low impedance connection (8 ohm) is also available. These ceiling speaker units provide excellent sound performance and speech intelligibility, as well as powerful music reproduction.

20/30/40 W HI-FI 2-way monitor box speaker units

The **C97-EN Series** feature two loudspeakers and are constructed with self-extinguishing 5VB ABS structure and metallic grille.
They are equipped with a protected integrated thermal fuse, a 100 V transformer for connection and a rotary switch which allows easy adjustment of the output power. A "C" shaped metal bracket allows installation on the wall and practical orientation. These speakers provide excellent sound performance as well as powerful music reproduction. Available in white (**C97/20-EN**, **C97/30-EN**, **C97/40-EN**) and black (**C97/20N-EN**, **C97/30N-EN**, **C97/40N-EN**).





30 W Sound projectors units

The sound projectors **C980-EN Series** - characterized by a speaker with a 5.25" cone and a 1" tweeter - are built in self-extinguishing 5VB ABS. Suitable for wall installation, these speakers provide excellent and high sound performance.
A wall mounting bracket is included, for easy installation and orientation of the projectors. Available in white (**C980/30-EN**) and black (**C980/30N-EN**).



30 W Pendant speaker units

The pendant **C590-EN Series** - characterized by a speaker with a 5.25" cone and a 1" tweeter - are built in self-extinguishing 5VB ABS. Suitable for suspended installation, these speakers provide excellent and high sound performance, ideal for application in large spaces with high ceilings such as supermarkets and retail outlets. Available in white (**C590/30-EN**) and black (**C590/30N-EN**).



30 W Horn speaker

The **TR30-EN** horn speaker unit - equipped with a transformer for constant voltage lines that allows power tapping via a rotary screw switch - provides a very directional sound performance, capable of reach a very good level of sound pressure. This speaker unit is built with a self-extinguishing 5VB ABS body, resistant to humidity (**IP 66** protection degree) and equipped with an integrated thermal fuse.

EN54-24 certified speaker units



C575/6-EN
6 W Ceiling speaker
Type A



C531/10-EN
10 W Ceiling speaker
Type A



C51HF-EN Serie
20/30/40 W Ceiling speakers
Type A

MODEL	C575/6-EN	C531/10-EN	C51HF/20-EN	C51HF/30-EN	C51HF/40-EN
No. of loudspeakers	1	1	2	2	2
Rated power	6 W	10 W	20 W	30 W	40 W
Adjustable power	6 W - 3 W - 1.5 W - 0.75 W	10 W - 5 W - 2.5 W	20 W - 10 W - 5 W - 2.5 W 8 Ω	30 W - 15 W - 7.5 W - 3.75 W 8 Ω	40 W - 20 W - 10 W - 5 W 8 Ω
Rated impedance (100 V line)	1666 Ω / 3333 Ω 6666 Ω / 13333 Ω	1000 Ω / 2000 Ω 4000 Ω	500 Ω / 1000 Ω 2000 Ω / 4000 Ω	333 Ω / 666 Ω 1333 Ω / 2666 Ω	250 Ω / 500 Ω 1000 Ω / 2000 Ω
Frequency response @ -6 dB	130 ÷ 15,000 Hz	90 ÷ 18,000 Hz	100 ÷ 20,000 Hz	100 ÷ 20,000 Hz	100 ÷ 20,000 Hz
Efficiency @ 1W/1m	88 dB	92 dB	86 dB	88 dB	90 dB
Maximum SPL @Pnom/1m	96 dB	102 dB	99 dB	103 dB	106 dB
Horiz./Vert. dispersion angle (– 6dB)	500 Hz: 180° 1 kHz: 150° 2 kHz: 100° 4 kHz: 100°	500 Hz: 180° 1 kHz: 100° 2 kHz: 100° 4 kHz: 60°	500 Hz: 180° 1 kHz: 120° 2 kHz: 95° 4 kHz: 85°	500 Hz: 180° 1 kHz: 120° 2 kHz: 95° 4 kHz: 85°	500 Hz: 180° 1 kHz: 110° 2 kHz: 90° 4 kHz: 50°
Material	Metallic structure and fire dome, metallic grille		ABS 5VB structure, metallic grille and fire dome		
Colour	White	White	White		
Dimensions	Ø 200 x 90 mm	Ø 265 x 108 mm	Ø 203 x 145 mm	Ø 230 x 150 mm	Ø 280 x 185 mm
Net weigth	0,9 kg	1.6 kg	1.7 kg	2.2 kg	2.3 kg



C97/20-EN
C97/20N-EN
20 W Monitor Box Units
Type A



C97/30-EN
C97/30N-EN
30 W Monitor Box Units
Type A



C97/40-EN
C97/40N-EN
40 W Monitor Box Units
Type A

MODEL	C97/20-EN C97/20N-EN		C97/30-EN C97/30N-EN		C97/40-EN C97/40N-EN	
No. of loudspeakers	2		2		2	
Rated power	20 W		30 W		40 W	
Adjustable power	20 W - 10 W - 5 W - 2.5 W 8 Ω		30 W - 15 W - 7.5 W 3.75 W - 8 Ω		40 W - 20 W - 10 W 5 W - 8 Ω	
Rated impedance (100 V line)	500 Ω / 1000 Ω 2000 Ω / 4000 Ω		333 Ω / 666 Ω 1333 Ω / 2666 Ω		250 Ω / 500 Ω 1000 Ω / 2000 Ω	
Frequency response @ -6 dB	100 ÷ 20,000 Hz		100 ÷ 20,000 Hz		100 ÷ 20,000 Hz	
Efficiency @ 1W/1m	89 dB		89 dB		92 dB	
Maximum SPL @Pnom/1m	102 dB		103 dB		108 dB	
Dispersion angle (– 6dB)	Horizontal 500 Hz: 360° 1 kHz: 170° 2 kHz: 130° 4 kHz: 60°	Vertical 500 Hz: 360° 1 kHz: 150° 2 kHz: 120° 4 kHz: 60°	Horizontal 500 Hz: 360° 1 kHz: 190° 2 kHz: 70° 4 kHz: 40°	Vertical 500 Hz: 360° 1 kHz: 160° 2 kHz: 120° 4 kHz: 50°	Horizontal 500 Hz: 360° 1 kHz: 140° 2 kHz: 110° 4 kHz: 90°	Vertical 500 Hz: 360° 1 kHz: 160° 2 kHz: 110° 4 kHz: 120°
Material	ABS 5VB structure, metallic grille and stainless steel bracket					
Colour	White: C97/20-EN Black: C97/20N-EN		White: C97/30-EN Black: C97/30N-EN		White: C97/40-EN Black: C97/40N-EN	
Dimensions	170 x 270 x 155 mm		180 x 295 x 185 mm		200 x 330 x 200 mm	
Net weight	2.3 kg		3.1 kg		4.1 kg	



C980-EN Serie
30 W Sound projectors
Type B



C590-EN Serie
30 W Pendant speaker units
Type B

MODEL	C980/30-EN C980/30N-EN	C590/30-EN C590/30N-EN
No. of loudspeakers	2	2
Rated power	30 W	30 W
Adjustable power	30 W - 15 W - 7.5 W 3.8 W - 8 Ω	30 W - 15 W - 7.5 W 3.8 W - 8 Ω
Rated impedance (100 V line)	333 Ω / 666 Ω 1333 Ω / 2630 Ω	333 Ω / 666 Ω 1333 Ω / 2630 Ω
Frequency response @ -6 dB	80 ÷ 10,500 Hz	80 ÷ 10,500 Hz
Efficiency @ 1W/1m	90 dB	90 dB
Maximum SPL @Pnom/1m	105 dB	105 dB
Horiz./Vert. dispersion angle (– 6dB)	500 Hz: 360° 1 kHz: 130° 2 kHz: 100° 4 kHz: 80°	500 Hz: 360° 1 kHz: 130° 2 kHz: 100° 4 kHz: 80°
Material	Self-extinguishing ABS 5VB	
Colour	White: C980/30-EN Black: C980/30N-EN	White: C590/30-EN Black: C590/30N-EN
Dimensions	Ø 195 x 250 mm	Ø 195 x 250 mm
Net weight	3 kg	2.4 kg



TR30-EN
30 W Horn speaker unit
Type B

MODEL	TR30-EN	
No. of loudspeakers	1	
Rated power	30 W	
Adjustable power	30 W - 15 W - 7.5 W - 3.75 W 8 Ω	
Rated impedance (100 V line)	333 Ω / 666 Ω 1333 Ω / 2666 Ω	
Frequency response @ -6 dB	300 ÷ 8,000 Hz	
Efficiency @ 1W/1m	105 dB	
Maximum SPL @Pnom/1m	120 dB	
Horiz./Vert. dispersion angle (– 6dB)	Horizontal 500 Hz: 220° 1 kHz: 170° 2 kHz: 50° 4 kHz: 34°	Vertical 500 Hz: 300° 1 kHz: 110° 2 kHz: 80° 4 kHz: 34°
Material	5VB ABS self-extinguish structure, metallic bracket, junction box included	
Colour	White	
Dimensions	290 x 213 x 293 mm	
Net weight	2 kg	

EN54-24 certified speaker units

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