

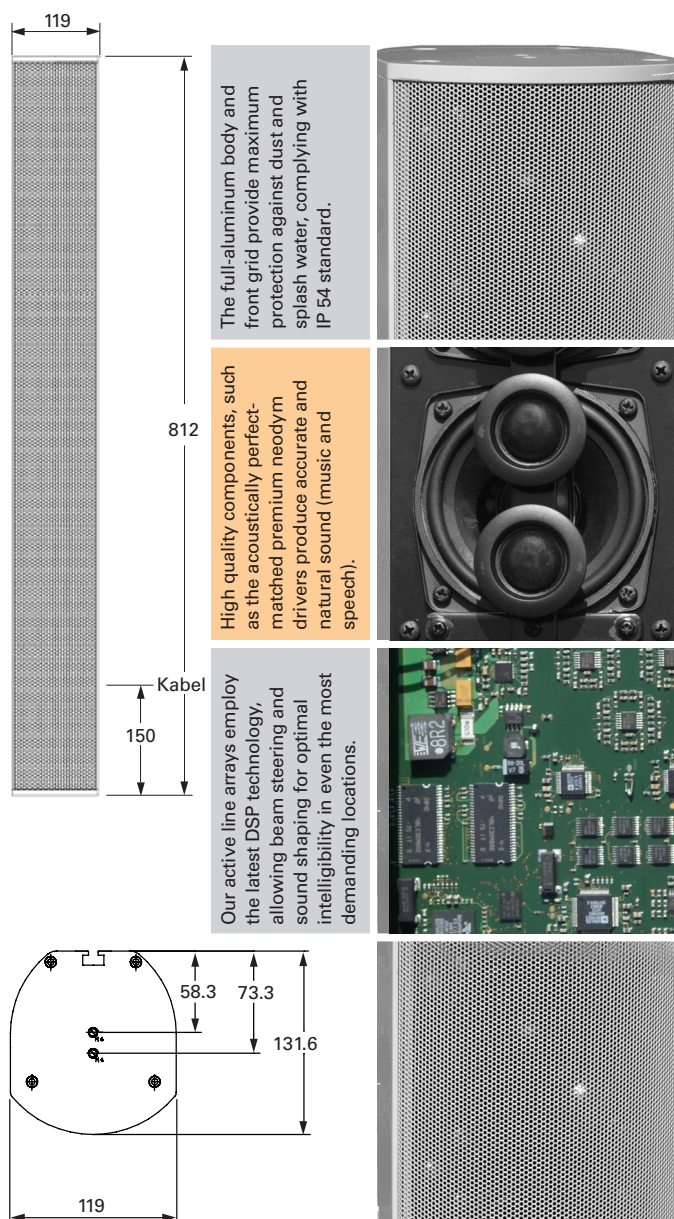
CHORUS-I Overview

Our new, intelligent series of line arrays comes in active or passive flavours. Thanks to the elegant slim-line design and the customizable color (RAL), they integrate seamlessly into any given environment.

The full-aluminum body and front grid provide maximum protection against dust and splash water, complying with IP 54 standard. High quality components, such as the acoustically perfect-matched premium neodym drivers produce accurate and natural sound (music and speech).

Our active line arrays employ the latest DSP technology, allowing beam steering and sound shaping for optimal intelligibility in even the most demanding locations.

	Passive	Active	Width mm	Height mm	Depth mm
GM-6820	•		95	590	97
GM-6840	•		95	940	97
GM-6940-P	•		119	810	132
GM-6960-P	•		119	1612	132
GM-6940-A		•	119	812	132
GM-6960-A		•	119	1612	132
GM-6980-A		•	119	3212	132



Acoustic parameters

max Sound level (at 1 m)	114.9 dB
max Sound level (at 15 m)	depending on settings
Frequency Range	144 – 19'160 Hz
coverage angel horizontal	120° @ 1kHz
coverage vertical	adjustable 20° – 70°
typical throw	15 m
number of DSP channels and amplifiers	12
Drivers	8 80 mm Wideband Loudspeaker 4 x Tweeter 20 mm

Electrical Parameters

Audio Line In

max. input level	+12 dBu
reference level	6 dBu
impedance	20 kOhm
input transformer	optional

Mikrofon Input Auto gain / phantom power

Temperature Input optional for direct temp. Compensation

Control bus RS-485 / Half Duplex / max. 16 Columns

Transfer rate	115'200 Baud / connection to APS-32 or PC
Surveillance	Pilot tone over RS 485/potential free contact
main power in feed	100 VAC-240 VAC / max. rated input 220 VA Optional 48V

Functions

audio function adjustable	Input Volume -100 bis +12dB Mute / Delay / 10 band Equalizer (Freq. / Gain / Q-Factor / Type Shelving, Peak, Notch) Adjustable via grafical user interface / 1 beam
beam steering	Adjustable via grafical user interface / 1 beam
audio functions internal	Highpassfilter / Speaker rectification / Limiter for each speaker optional: Temperatur-compensation via APS-32 or direct optional: ambient noise sensing

presets Main settings stored in the columns / adjustable via Software

User settings storable in APS-32

Connections

Line In (connection block 4 pin GIBI)
Temperature In (connection block 3 pin GIBI)
LineThru parallel to Line In
Mic in (connection block 4 pin GIBI)
RS458 in / out (4 pin GIBI)
Pilot ok (connection block 2 pin GIBI)

Mechanics

Dimension (w h d)	119 x 812 x 132 mm
weight	8.4 kg
material	Aluminum
mounting parts	brackets
default colours	RAL 9016
customized colours	all RAL codes available
IP class	IP54

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