

CLARITY

FEATURES

- 7 & 11 extremely high efficiency 4-inch woofers
- High speech projection with high intelligibility level
- Adjustable Q factor for low frequency boost/cut
- Very low feedback reaction to mikes
- Broad horizontal dispersion for wide coverage
- Longer throw than conventional sources
- Line array features
- Attractive discrete design
- Patented construction design

APPLICATIONS

- Permanent indoor installations
- Churches
- Venues with high reverb levels
- Conference rooms

DESCRIPTION

Outline Clarity 7 and Clarity 11 are two high directivity speaker columns, specifically designed and built for accurate speech reproduction in environments with high reverb levels, such as places of worship and more generally when acoustics are critical for speech intelligibility.

As far as the construction is concerned, both models, for which a patent has been applied for, are characterized by the fact that the loudspeakers are fitted in a special "box" that, as well as using suitable absorption material, also gives the loudspeaker system installed a determinate acoustic resistance, which favourably conditions its operation for the reproduction of speech's frequency range.

This design offers the advantage of giving a continuous gradual attenuation to the system's frequency response, in short a progressive acoustic "short-circuit" of the low frequencies, instead of the immediate steep drop below the resonance frequency typical of traditionally built enclosures.

Average dispersion in the speech frequency range is 122° horizontal and 50° vertical for Clarity 7 and 122° horizontal and 34° vertical for Clarity 11.

Clarity 7 and 11 also offer the unique but effective possibility of "adjusting" the 'Q' factor in an original, simple and economic manner, by fitting or removing (optional) magnetic straps in order to change the acoustic load at low frequencies in the range reproduced, achieving a certain emphasis when it's necessary and acoustic conditions permit.



TECHNICAL SPECIFICATIONS:

FREQUENCY RESPONSE

Clarity 7	(-10 dB)	200 Hz – 16 kHz
Clarity 11	(-10 dB)	200 Hz – 10 kHz

AVERAGE DISPERSION

Clarity 7	500Hz -4 kHz	122° x 50° (HxV)
Clarity 11	500Hz -4 kHz	122° x 34° (HxV)

IMPEDANCE (ohms)

Clarity 7	65
Clarity 11	25

MAX SENSITIVITY (dB SPL 1W 1m)

Clarity 7	103
Clarity 11	103

POWER - WATTS AES

Clarity 7	140
Clarity 11	220

DB SPL MAX OUTPUT LEVEL (calculated)

Clarity 7	124
Clarity 11	126

CONNECTORS – BOTH MODELS Wire clamp input terminals.
Push Button Press Release connector.
Red = +
Black = -

WEIGHT (KG)

Clarity 7	3,5
Clarity 11	6,5

DIMENSIONS (CM)

	Clarity 7	Clarity 11
Height	71,7	111
Width	11	11
Depth	6	6