

DSP Active Line Array Speaker

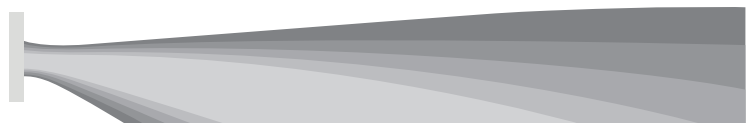
◀ ACD-3012

Especially designed for use in reverberant spaces or with acoustic complexity

- Sport facilities
- Train stations
- Airports
- Large Areas
- Religious centers

ACD-3008

- ⚡ ENERGY SAVING
- 🔌 USER-FRIENDLY CONFIGURATION
- ✅ HIGH LEVEL OF INTELLIGIBILITY
- ∞ ADAPTABLE TO ALL KIND OF INSTALLATIONS



- Adjustable sound beam.
- Uniform coverage within the listening area.
- Line level (0 dB) input/output. (XLR).
- Input from loudspeakers line (Terminals):
 - High impedance: L100V / L70V.
 - Low impedance: 4 - 8 ohms.
- Sensitivity adjustment: 0 dB / -3 dB / -6 dB.
- VOX Mode.
- 15 band graphic equalizer with a gain adjustment of +/- 10 dB.
- Speech Filter.
- Use for indoor and outdoor applications.



The ACD-3008 / ACD-3012 has been designed and manufactured as a LINE ARRAY of speakers with high intelligibility performance.

The new DSP algorithms developed and implemented in the column's firmware enables a more efficient and precise control of the vertical sound beam with the main aim of obtaining a uniform sound field on the covered area as well as avoiding any reverberant effects that certain spaces may cause due to its acoustic complexity.

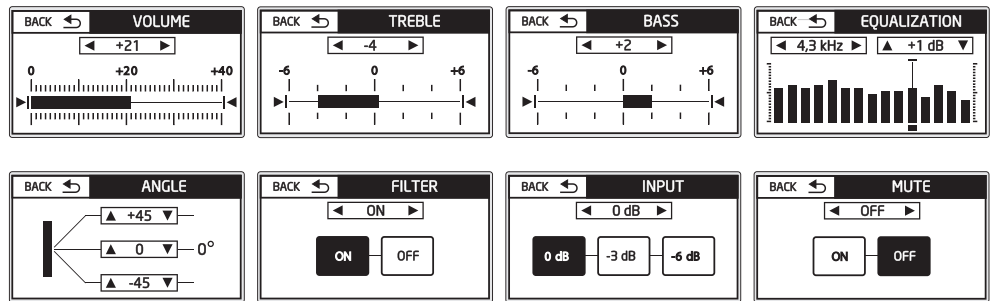
From the energy point of view, these line array speakers have been optimized with different modes of consumption (ON, MUTE, ECO) depending on the signal level's detection obtained by using the VOX feature.

The construction of the line array speakers, completely made of aluminum, enhance their life-span within environments with a high level of humidity.



WCD-3000 Interface

The WCD-3000 interface allows a simple and user-friendly adjustment of all the internal parameters of the ACD-3008 / ACD-3012 line array speakers. Besides this adjustment can be done from the listening area (up to 100 meters distance away from the speaker) which allows a more accurate configuration.



FEATURES

	ACD-3008	ACD-3012
Speakers	8 x 4"	12 x 4"
Type of speaker	Kapton Cone (specially for outdoor and humid environments)	
Type of amplifier	PWM (class D)	
Rated power	240 W.	360 W.
Frequency response	80 Hz - 20.000 Hz	
SPL Level (at 30m)	90 dB SPL	91 dB SPL
Range	>30 meters	>40 meters
Horizontal dispersion	140°	
Sound beam angle adjustment	+/- 45 positions (45°)	
Signal input/output	Balanced / Unbalanced	
L100V input	Balanced	
Sensitivity	0 dB / -3 dB / -6 dB	
Communication protocol with WCD-3000	RS-485 (9600 Baud)	
Maximum Consumption (ON mode)	400 W.	650 W.
Consumption (ECO mode)	5 W.	
Consumption (MUTE mode)	30 W.	
Power supply	230 VAC. / 50-60 Hz.	
Colour	Ivory - Ral1015	
Wall mounting	By using 2 squads (provided with the product)	
Weight	19 Kg.	27 Kg.

