

## Quad-capsule steerable microphone array designed for use with the ATDM-0604 Digital SmartMixer™ and other compatible mixers



### Hanging Microphone Array

# ES954

- Ideal, cost-effective solution for huddle rooms, conference rooms and other meeting spaces
- When controlled by a compatible mixer, provides 360° coverage from a potentially limitless number (bound by mixer channel count) of virtual hyper cardioid or cardioid pickups that can be steered in 30° increments to clearly capture every person speaking in a room by using original synthetic technology (PAT)
- Mixer-controlled tilt function provides a vertical steering option to accommodate ceilings of different heights
- Integral, logic-controlled red/green LED ring provides clear indication of mute status
- Includes to 46cm breakout cables : RJ-45 (female) to three 3-pin terminal block connector (female) RJ-45 (female) to 3-pin Euroblock connector (female) and unterminated LED conductors
- Includes Plenum-rated AT8554 Ceiling Mount with RJ-45 connectors and push-type wire terminals for simple, secure installation with seismic cable to secure to a drop ceiling grid

### ► SPECIFICATIONS

For product improvement, this product is subject to modification without notice.

Elements	Fixed-charge back plate, permanently polarized condenser
Polar pattern	Omnidirectional (O) / Figure-of-eight (L/R/Z)
Frequency response	20 to 16,000 Hz
Open circuit sensitivity	O/L/R : -36 dB (15.85 mV) (0 dB = 1 V/Pa, 1 kHz); Z : -38.5 dB (11.9 mV) (0 dB = 1 V/Pa, 1 kHz)
Impedance	100 ohms
Maximum input sound level	O/L/R : 132.5 dB SPL (1 kHz THD1%); Z : 135 dB SPL (1 kHz THD1%)
Signal-to-noise ratio	O/L/R : 66.5 dB (1 kHz at 1 Pa, A-weighted) Z : 64 dB (1 kHz at 1 Pa, A-weighted)
Phantom power requirements	11 - 52V DC, 23.2 mA (both channels total)
Weight	Microphone: 160 g (5.6 oz) Mountbox (AT8554): 420 g (14.8 oz)
Dimensions (Microphone)	Maximum body diameter: 61.6 mm (2.43"); Height: 111.8 mm (4.40")
(Ceiling mount (AT8554))	36.6 mm (1.44") x 106.0 mm (4.17") x 106.0 mm (4.17") (H x W x D)
Output connector	Euroblock connector
Accessories	Ceiling mount (AT8554), RJ45 breakout cable x 2, Seismic cable, Isolator

- 1 Pascal = 10 dynes/cm<sup>2</sup> = 10 microbars = 94 dB SPL

