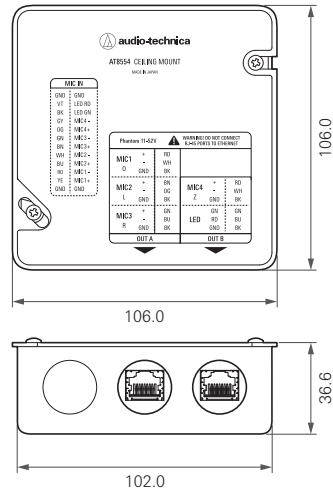
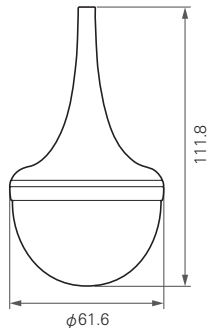




# ES954

# Specifications

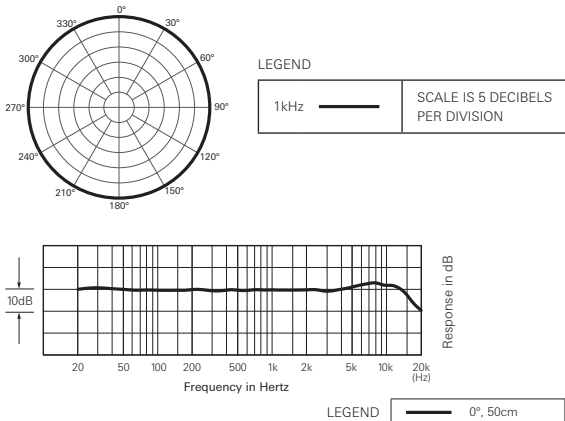
## Dimensions



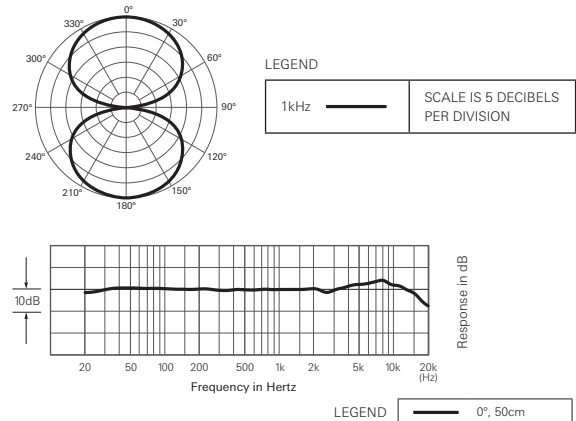
(Unit: mm)

## Polar pattern / Frequency response

### Omnidirectional (O)



### Figure-of-eight (L/R/Z)



## Specifications

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 - 52 V 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") × 106.0 mm (4.17") × 106.0 mm (4.17") (H×W×D)
Output connector	Euroblock connector
Accessories	Ceiling mount (AT8554), RJ45 breakout cable × 2, Seismic cable, Isolator

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

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