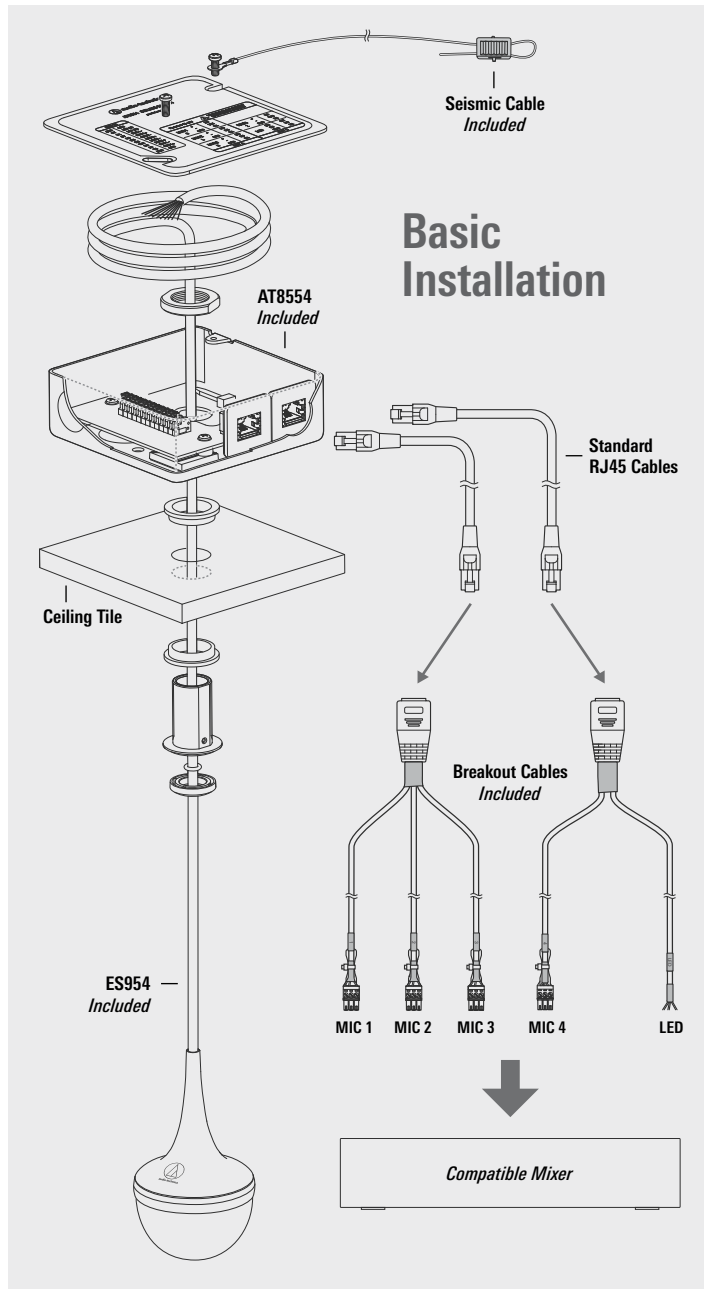


ES954
Hanging Microphone Array
Third Party Connection Diagram

ES954 Hanging Microphone Array

- Ideal, cost-effective solution for huddle rooms, conference rooms and other meeting spaces
- Quad-capsule steerable microphone array designed for use with the ATDM-0604 Digital SmartMixer® and other compatible mixers
- When controlled by a compatible mixer, provides 360° coverage from a potentially limitless number (bound by mixer channel count) of virtual hypercardioid or cardioid pickups that can be steered in 30° increments to clearly capture every person speaking in a room
- Mixer-controlled tilt function provides a vertical steering option to accommodate ceilings of different heights
- Includes Plenum-rated AT8554 Ceiling Mount with RJ45 connectors and push-type wire terminals for simple, secure installation
- Integral, logic-controlled red/green LED ring provides clear indication of mute status
- High-output design with low self-noise delivers strong, natural-sounding vocal reproduction
- Low-reflective white finish matches ceiling tiles in most environments
- Includes two 46 cm (18") breakout cables: RJ45 (female) to three 3-pin Phoenix (female); RJ45 (female) to 3-pin Phoenix (female) and unterminated LED conductors
- Permanently attached 1.2 m (4') cable with locking grommet enables quick microphone height adjustment
- Included seismic cable secures the AT8554 Ceiling Mount to a drop ceiling grid
- UniGuard® RFI-shielding technology offers outstanding rejection of radio frequency interference (RFI)
- Requires 11V to 52V DC phantom power

Includes



Specifications

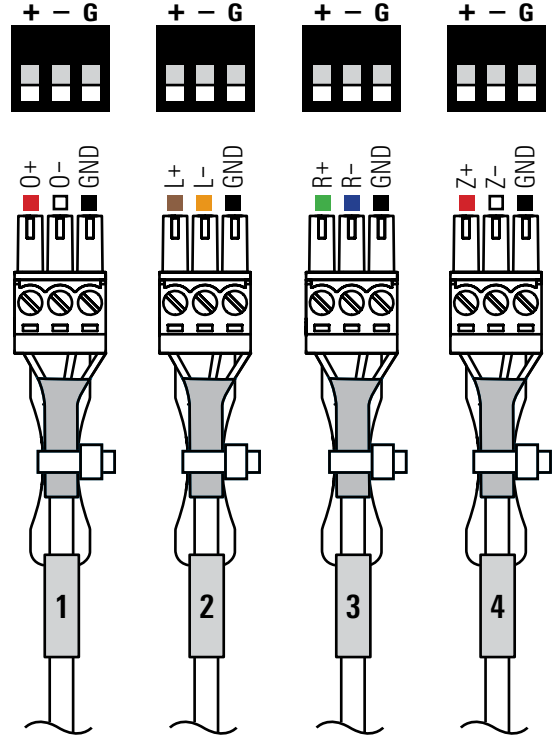
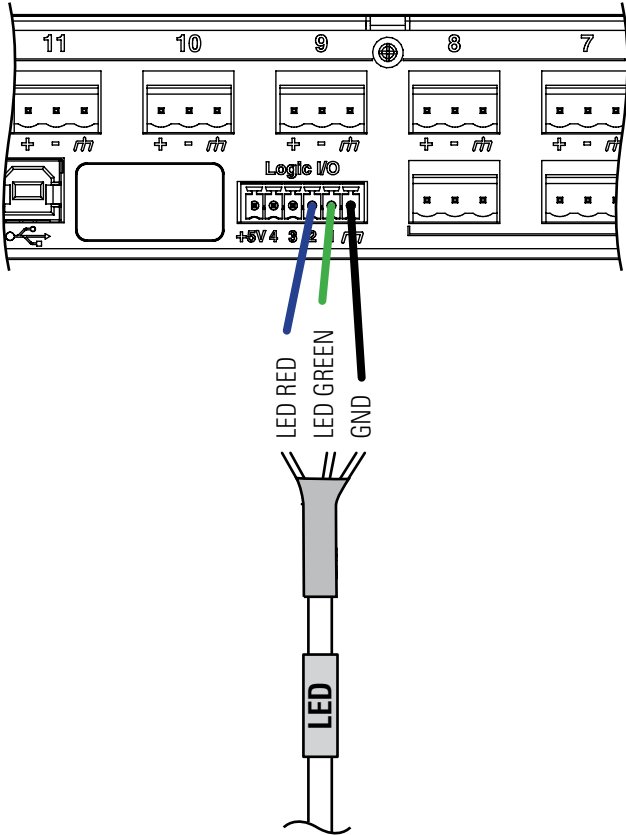
Elements	Fixed-charge back plate, permanently polarized condenser
Polar pattern	Omnidirectional (O)/Figure-of-eight (L/R/Z)
Frequency response	20 to 16,000 Hz
Open circuit sensitivity	O/L/R: -36 dB (15.85mV) (0 dB=1V/Pa, 1 kHz); Z: -38.5 dB (11.9 mV) (0 dB=1 V/Pa, 1 kHz)
Impedance	100 ohms
Maximum input sound level	O/L/R: 132.5 dB SPL (1 kHz at 1% THD) Z: 135 dB SPL (1 kHz at 1% THD)
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	Mic: 160 g (5.6 oz); Ceiling Mount (AT8554): 420 g (14.8 oz)
Dimensions	Mic: Max. body dia.: 61.6 mm (2.43"); Height: 111.8 mm (4.40") Ceiling Mount (AT8554): 36.6 mm H (1.44") × 106.0 mm (4.17") W × 106.0 mm (4.17") D
Output connector	Euroblock connector

1 Pascal = 10 dynes/cm² = 10 microbars = 94 dB SPL
For product improvement, the product is subject to modification without notice.

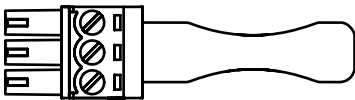
ES954 Biamp Connection Diagram



TesiraFORTÉ CI Digital Audio Server



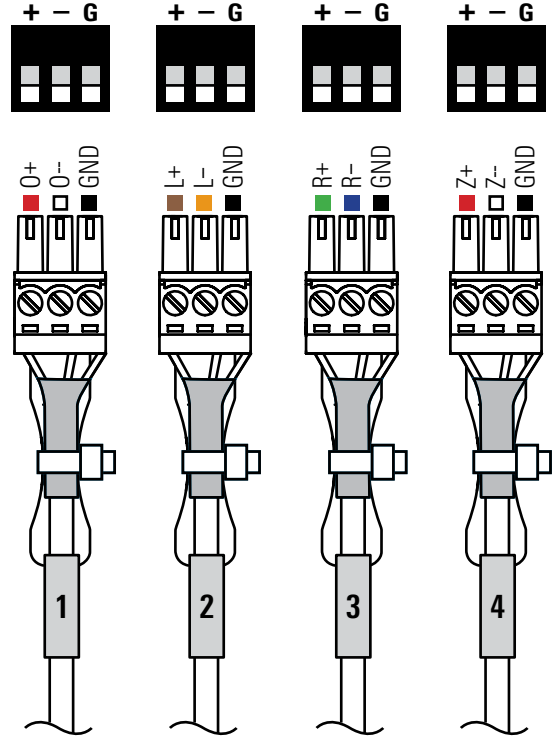
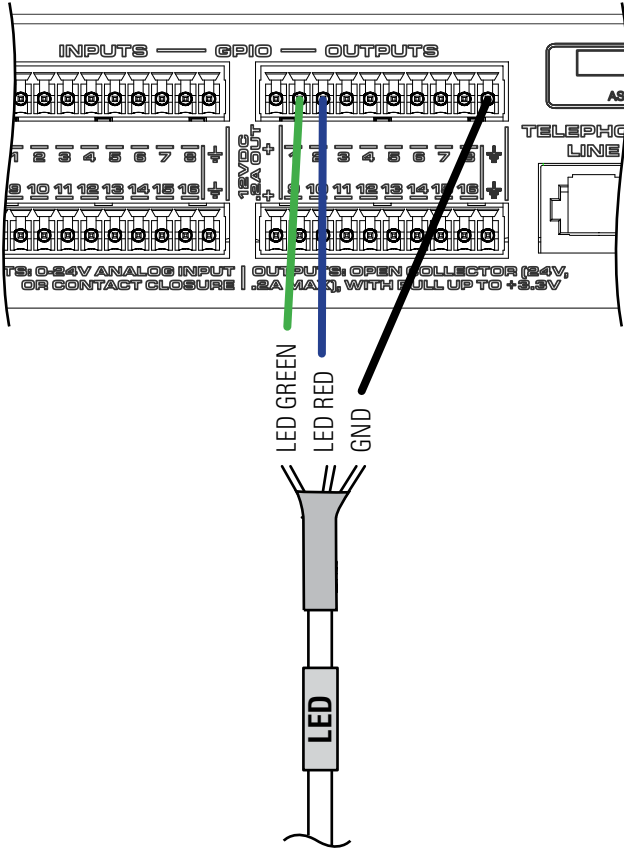
All Biamp inputs and outputs use 5.08 mm Phoenix or euro-block connections.



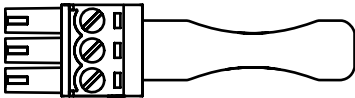
ES954 QSC Connection Diagram



Q-SYS™ Core 110f Processor



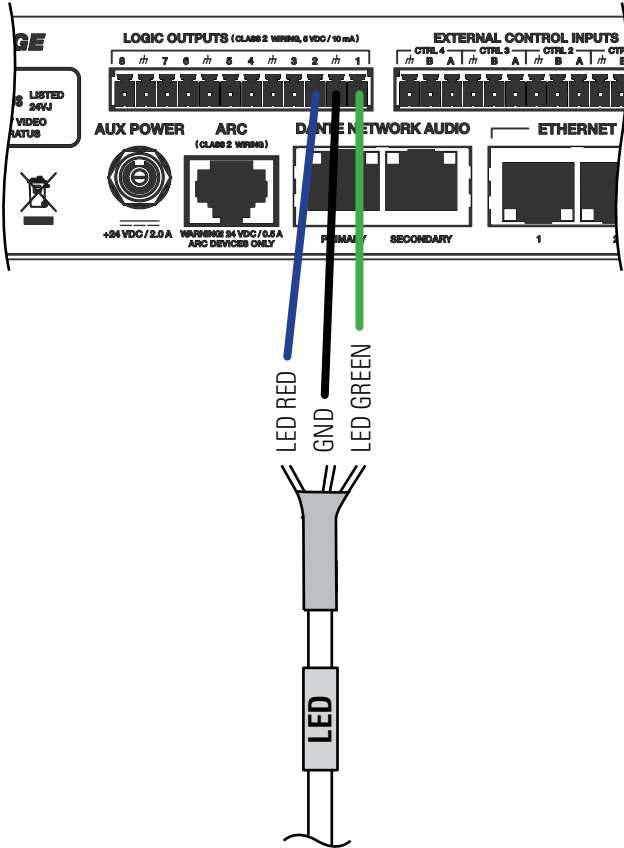
All QSC inputs and outputs use 3.5 mm Phoenix or euro-block connections.



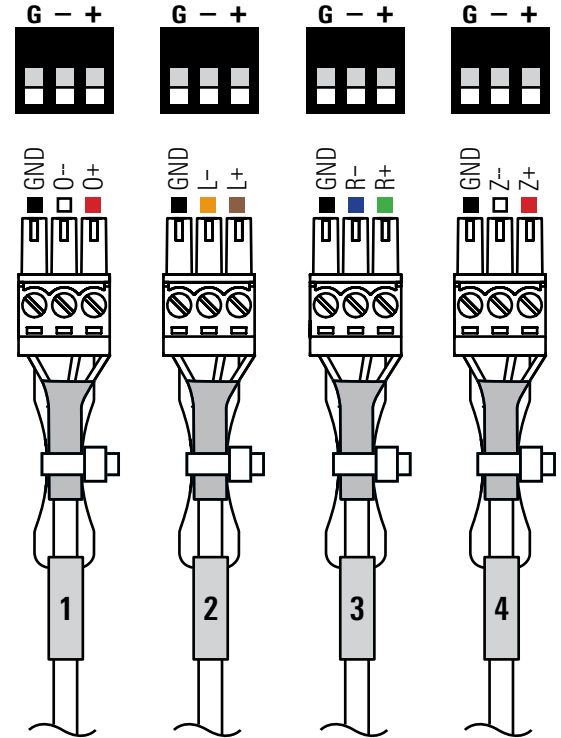
ES954 Symetrix Connection Diagram



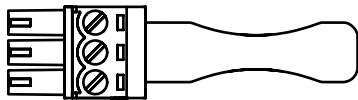
Symetrix Edge DSP



NOTE: The ES954 comes pre-terminated for use with the Audio-Technica ATDM-0604. When using the ES954 with Symetrix devices it *must be rewired as polarity is reversed*.



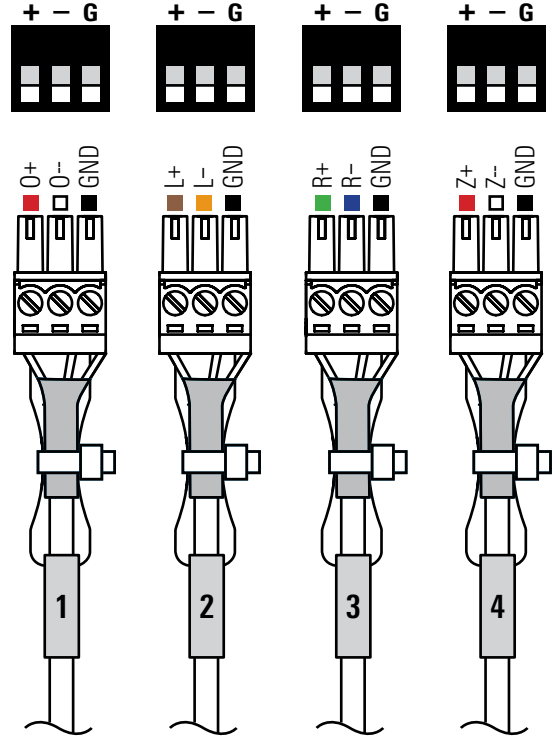
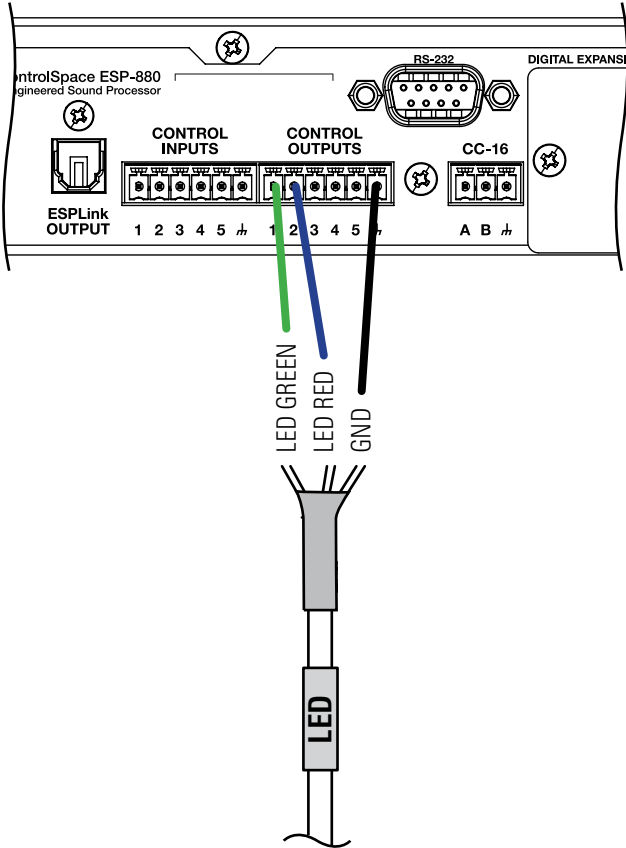
All Symetrix inputs and outputs use 3.81 mm Phoenix or euro-block connections.



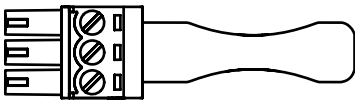
ES954 Bose Connection Diagram



ControlSpace® ESP-880 Engineered Sound Processor



All Bose inputs and outputs use 3.81 mm Phoenix or euro-block connections.



Audio-Technica U.S., Inc.
 1221 Commerce Drive, Stow, Ohio 44224
 (330) 686-2600 | E-mail: pro@atus.com
 www.audio-technica.com | Form No. 0000-6415-00
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