



D 542/D 542 ST-S



- PA microphone with rugged, all-metal body
- Frequency response optimized for intelligibility
- Long useful life even in tough day-to-day usage
- Frequency response tailored to speech use

Rugged, affordable dynamic cardioid gooseneck microphone for general public address and communications use. The D 542 provides a frequency response tailored to speech use for optimum intelligibility as well as good offaxis rejection for high gain before feedback and suppression of unwanted ambient noise. The all-metal body ensures a long useful life for the microphone even in tough day-to-day use.

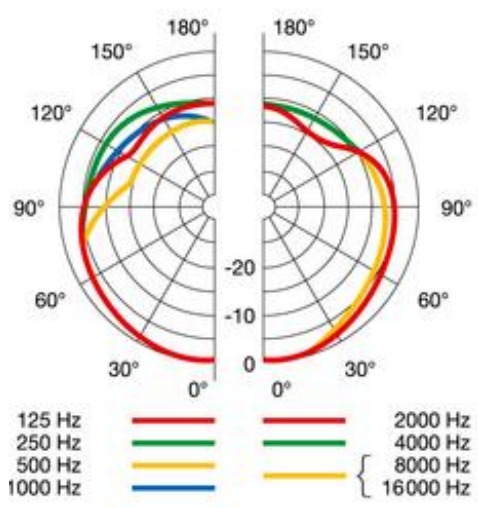
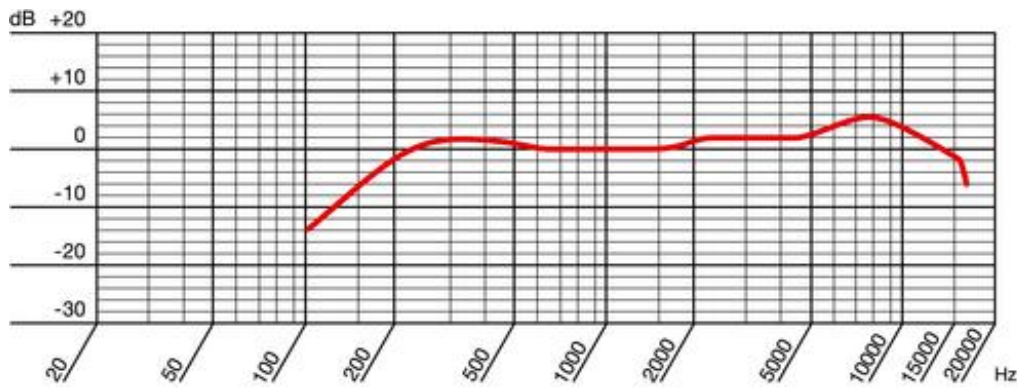
The D 542 E features a built-in XLR connector for quick connection, while the D 542 has been designed for permanent (single-hole or screw-on) installation and comes with a 6-ft. 4-in. (2-m) fixed, unterminated cable. The D 542ST-S is mounted on a table stand with an on/off switch and coiled cable with 3-pin XLR connector.

Specifications

Polar pattern	cardioid
Frequency range	150–15,000 Hz
Sensitivity	2.2 mV/Pa (–54 dBV)
Max. SPL	133 dB (1% THD)
Equivalent noise level	21 dB–A
Signal/noise ratio (A-weighted)	73 dB
Impedance	530 ohms
Recommended load impedance	>2,000 ohms

Connector	D 542: unterminated cable ends; D 542 E / D 542 ST-S: 3-pin male XLR
Cable	D 542: approx. 50 to 100 cm (20 to 40 in.)
Finish	matte gray/black
Dimensions	microphone: 34 dia. x 300 mm (1.3 dia. x 11.8 in.), gooseneck: dia. 13 x 345 mm (0.51 x 13.6 in.); table, stand (l x w x h): 160 x 120 x 65 mm (6.3 x 4.7 x 2.5 in.)
Net weight	D 542: 275 g (9.6 oz.), D 542 E: 285 g (10.0 oz.), D 542 ST-S: 805 g (1.8 lbs.)
Shipping weight	D 542: 422 g (14.8 oz.), D 542 E: 334 g (11.7 oz.), D 542 ST-S: 1,125 g (2.5 lbs.)

Graphical data



D 542

Engineer's specifications

D 542/ D 542 E

The microphone shall be a cardioid dynamic gooseneck microphone. It shall be usable in places of worship, on lecterns, in trains, buses, taxis, and outdoors. The microphone shall perform to the following specifications: frequency range: 150 to 15,000 Hz; sensitivity at 1 kHz: 2.2 mV; impedance: 530 ohms; length: 300 mm (11.8 in.); gooseneck diameter: 13 mm (0.51 in.); microphone capsule dimensions: length 345 mm (13.6 in.), diameter 34 mm (1.34 in.); finish: matte grey. The D 542 shall be fitted with a 2 m (6 ft., 4 in.) unterminated cable, the D 542 E with a built-in 3-pin XLR connector.

D 542 ST-S

The microphone shall be a cardioid dynamic gooseneck microphone. It shall be mounted on a table stand containing an on/off switch. The microphone shall perform to the following specifications: frequency range: 150 to 15,000 Hz; sensitivity at 1 kHz: 2.2 mV; impedance: 530 ohms. The table stand shall measure 160 x 120 x 65 mm (6.3 x 4.7 x 2.5 in.) and the total weight of the microphone and stand shall be 805 g (1.8 lbs.). The microphone shall be finished in matte gray and black.