



D 190 E/D 190 ES

- **Cardioid polar pattern**
- **Excellent general-purpose microphone**
- **Complete with stand adapter**
- **Rugged construction**
- **Shock mounted transducer**

Cardioid dynamic microphone with a rugged sintered bronze cap that doubles as a windscreen. Recommended for many applications, proven general-purpose microphone for decades.

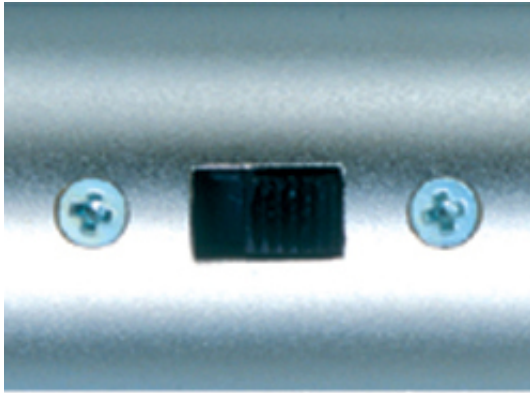
The cardioid pattern controls feedback in live sound applications and rejects unwanted noise in recording use. Its smooth frequency response makes the D 190 E/ES equally suitable for general purpose speech or instrument applications. Complete with SA 60 stand adapter for mounting on floor or table stands. Rugged construction, shock mounted transducer capsule, frequency response optimized for intelligibility of speech.

The model D 190 ES incorporates a noiseless on/off switch.

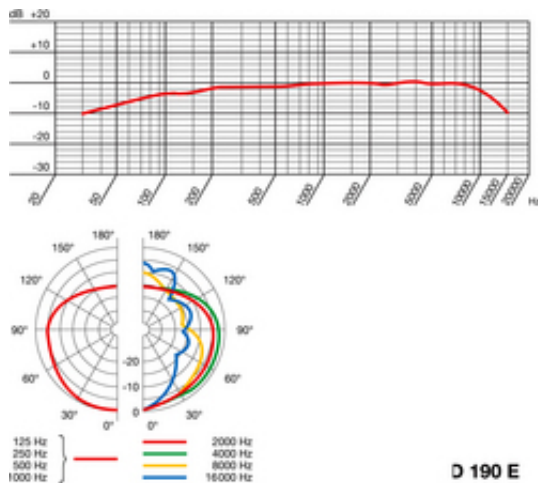
Specifications

Polar pattern	cardioid
Frequency range	30 to 16,000 Hz
Sensitivity	1.6 mV/Pa (-56 dBV)
Impedance	280 ohms
Recommended load impedance	>500 ohms
Connector	3-pin XLR
Finish	satın nickel
Net weight	180 g / 6.4 oz.
Shipping weight	520 g / 1.2 lbs.





Frequency curve and polar pattern



Engineer's specifications

D 190 E/D 190 ES Cardioid dynamic microphone. Applications: Lectern, conference. Frequency range: 30/16,000 Hz; sensitivity at 1 kHz: 1.6 mV/Pa; impedance: 280 ohms. Dimensions: 40 mm (1.6 in.) max. head dia.; 160 mm (6.3 in.) long. Net/shipping weight: 180/520 g (6.4/1.2 lbs.).

D190 ES with on/off switch.