

Electro-Voice RE90P18 18 inch XLR Base Condensor Cardioid Gooseneck Microphone (Frequency Response 10Hz to 15kHz)

Generation Element:	Condenser, back electret
Frequency Response:	100 Hz to 15,000 Hz (see chart)
Polar Pattern: (see chart)	Cardioid
Sensitivity, Open Circuit Voltage, 1 kHz:	4.5mV/Pascal
Dynamic Range:	102 dB SPL
Equivalent Output Noise:	<28 dB SPL "A" weighted (0 dB = 20 micropascals)
Output Impedance, 1 kHz:	200 ohms
Power Requirements:	9 to 52 Volt Phantom Supply
Current Consumption:	<5 mA with P48v supply
Polarity:	A positive pressure on the diaphragm produces a positive voltage on output pin 2 (+)
Finish:	Nonreflecting Black
Environmental Conditions:	Relative Humidity 0-50%: -29° to 74°C (-20° to 165°F) Relative Humidity 0 to 95%: -29° to 57°C (-20° to 135°F)
Mounting:	Male XLR-type 3-pin Connector
Dimensions, Gooseneck and Head Length:	RE90P-12 = 280.7 mm (11.05") RE90P-18 = 443.2 mm (17.45")
Dimensions, Other:	Max. Head Diameter = 12.7 mm (0.5") Gooseneck Diameter = 6.4 mm (0.25") Elect. Module Dia. = 20 mm (0.79") Connector Diameter = 19 mm (0.75")
Net Weight:	RE90P-12 = 182 g (6.4 oz.) RE90P-18 = 244 g (8.6 oz.)
Shipping Weight:	RE90P-12 = 182 g (6.4 oz.) RE90P-18 = 244 g (8.6 oz.)
Accessories Included:	Windscreen
Optional Accessories:	FMK Flange-Mount Kit CPSM Shock-Mount Kit