

U859QL

unipoint®

CARDIOID CONDENSER QUICK-MOUNT GOOSENECK MICROPHONE



- Designed for high-quality sound reinforcement, professional recording and broadcasting.
- Superior off-axis rejection for maximum gain before feedback.
- Easy-to-adjust, rugged, small-diameter, alternating gooseneck with virtually no "memory" permits quick positioning into desired shape.
- UniSteep® low-frequency attenuation to improve sound pickup without affecting voice quality.
- Self-contained electronics eliminate need for external power module.
- Two-stage foam windscreen yields dramatically improved resistance to P-pops and other breath blasts.
- Quick-mount design with 3-pin XLRM-type connector insert at base plugs into any standard XLRF-type surface or cable connector.
- Optional shock mount attenuates noise, shock and vibration transmitted through the mounting surface.

ELEMENT	Fixed-charge back plate permanently polarized condenser
POLAR PATTERN	Cardioid
FREQUENCY RESPONSE	100-16,000 Hz
LOW FREQUENCY ROLL-OFF	80 Hz, 18 dB/octave
OPEN CIRCUIT SENSITIVITY	-43 dB (7.0 mV) re 1V at 1 Pa
IMPEDANCE	250 ohms
MAXIMUM INPUT SOUND LEVEL	140 dB SPL, 1 kHz at 1% T.H.D.
DYNAMIC RANGE (TYPICAL)	111 dB, 1 kHz at Max SPL
SIGNAL-TO-NOISE RATIO	65 dB, 1 kHz at 1 Pa
PHANTOM POWER REQUIREMENTS	11-52V DC, 2 mA typical
SWITCH	Flat, roll-off
WEIGHT	152 g
DIMENSIONS	480 mm - long, 12.3 mm - head diameter, 18.9 mm - base diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type
ACCESSORIES FURNISHED	AT8153 two-stage foam windscreen

The U859QL stands 480mm from the table or podium, and require 11V to 52V phantom power for operation.

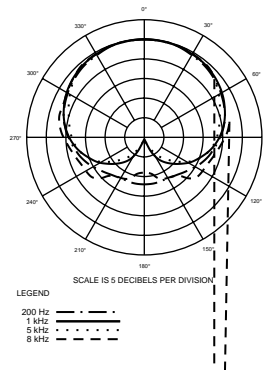
Output from the microphone's XLRM-type connector is low impedance (Lo-Z) balanced. The signal appears across Pins 2 and 3; Pin 1 is ground (shield). Output phase is "Pin 2 hot" - positive acoustic pressure produces positive voltage at Pin 2.

At integral 80 Hz high-pass UniSteep® filter provides easy

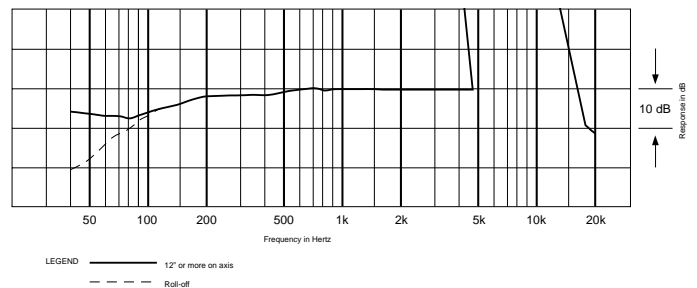
The roll-off position reduces the microphone's sensitivity to popping in close vocal use. It also reduces the pickup of low-

etc.), room reverberation and mechanically coupled vibrations.

Avoid leaving the microphone in the open sun or in areas where temperatures exceed 43°C for extended periods. Extremely high humidity should also be avoided.



- AT8662 shock mount.
- AT8506 four-channel 48V phantom power supply (AC powered).
- AT8615 quick-mount plug-in microphone desk stand.
- AT8801/EU single-channel 48V phantom power supply (AC powered).



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-	-43 dB (7.0 mV) 1V 1 Pa
-	250
- UniSteep® -	140 dB, 1 kHz 1% T.H.D.
()	111 dB, 1 kHz
-	65 dB, 1 kHz 1 Pa
-	11-52V 2 mA
-	
-	152
-	480 mm -
-	12.3 mm -
-	18.9 mm -
3	3
XLRM	XLRF
	3
	AT8153
-	

U859QL 480mm
11V 52V

1 ()
2

UniSteep®
80 Hz

()

2 3

43°C

