

U857Q / U857QM / U857QL



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.
- UniGuard™ RFI-shielding technology offers outstanding rejection of radio frequency interference (RFI).
- Easy-to-adjust, rugged, small-diameter, alternating gooseneck with virtually no “memory” permits quick positioning into desired shape.
- UniSteep® filter provides a steep low-frequency attenuation to improve sound pickup without affecting voice quality.
- Self-contained electronics eliminate need for external power module.
- Accepts interchangeable elements to permit angle of acceptance from 90° to 360°.
- 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.

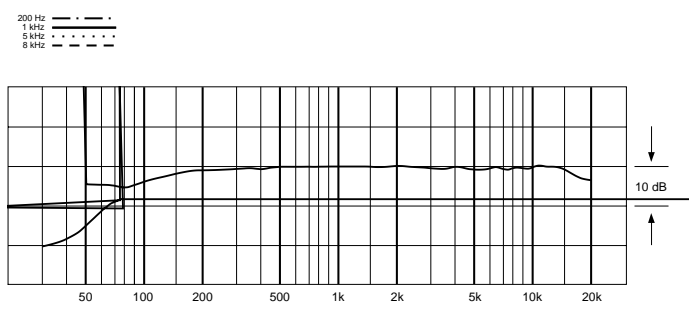
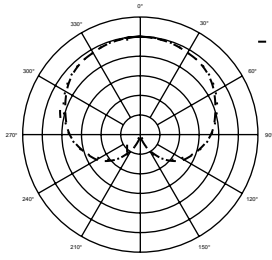
ELEMENT	Fixed-charge back plate permanently polarized condenser	
POLAR PATTERN	Cardioid	
FREQUENCY RESPONSE	30-20,000 Hz	
LOW FREQUENCY ROLL-OFF	80 Hz, 18 dB/octave	
OPEN CIRCUIT SENSITIVITY	-39 dB (11.2 mV) re 1V at 1 Pa	
IMPEDANCE	250 ohms	
MAXIMUM INPUT SOUND LEVEL	139 dB SPL, 1 kHz at 1% T.H.D.	
DYNAMIC RANGE (TYPICAL)	115 dB, 1 kHz at Max SPL	
SIGNAL-TO-NOISE RATIO	70 dB, 1 kHz at 1 Pa	
PHANTOM POWER REQUIRMENTS	11-52V DC, 2 mA typical	
SWITCH	Flat, roll-off	
WEIGHT	U857Q	144 g
	U857QM	147 g
	U857QL	150 g
DIMENSIONS	U857Q	365 mm - long
	U857QM	419 mm - long
	U857QL	481 mm - long,
	BOTH	12.2 mm - head diameter
OUTPUT CONNECTOR	Integral 3-pin XLRM-type	
OPTIONAL INTERCHANGEABLE ELEMENTS	UE-C cardioid (120°) UE-H hypercardioid (100°) UE-O omnidirectional (360°) UE-UL UniLine™ (90°)	
ACCESSORIES FURNISHED	AT8153 two-stage foam windscreen	

The U857Q stands 365mm from the table or podium, it is also available in a 419mm version as U857QM and 481mm version as U857QL. The three models are identical in all other respects 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 switching from a fat frequency response to a low-end roll-off. The roll-off position reduces the microphone's sensitivity to popping in close vocal use. It also reduces the pickup of low-frequency ambient noise (such as traffic, air-handling systems, 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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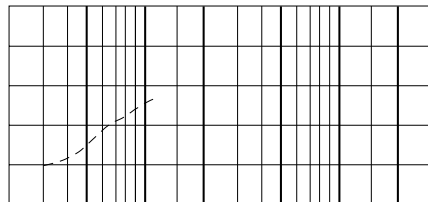
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 - UniGuard™ - (RFI)
 - " "
 - UniSteep® -
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 -
 90° 360°
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 -
 - 3 3 XLRM XLRF
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	30-20,00
	80 Hz, 1
	-39 dB (1
	250
	139 dB
	115 dB, 1
	70 dB, 1
	11-5
	U857Q 144
	U857QM 147
	U857QL 150
	U857Q 365 mm
	U857QM 419 mm
	U857QL 481 mm
	12.2 mm
	3
	UE-C
	UE-H
	UE-O
	UE-UL U
	AT8153

U857Q 365mm
 U857QM 419mm U857QM 481mm
 11V 52V

1 2 () 2 3
 UniSteep®
 80 Hz
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43°C



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