

U841A

OMNIDIRECTIONAL CONDENSER BOUNDARY MICROPHONE



- Designed for surface-mount applications such as high-quality sound reinforcement, professional recording, television, conferencing and other demanding sound pickup situations.
- UniGuard™ RFI-shielding technology offers outstanding rejection of radio frequency interference (RFI).
- UniSteep® filter provides a steep low-frequency attenuation to improve sound pickup without affecting voice quality.

- Small-diameter UniPoint capsule near boundary eliminates phase distortion and delivers clear, high-output performance.
- Heavy die-cast case and silicon foam bottom pads minimize coupling of surface vibration to the microphone.
- Low-profile design with low-reflectance black finish for minimum visibility.
- Operates on battery or phantom power.

The U841A requires 11V to 52V DC phantom power or a 1.5V AA battery for operation. A battery need not be in place for phantom power operation.

Alkaline batteries are recommended for longest life. Remove the battery during long-term storage.

The microphone should be placed on a flat, unobstructed mounting surface. The sound source should not be below the plane of the mounting surface.

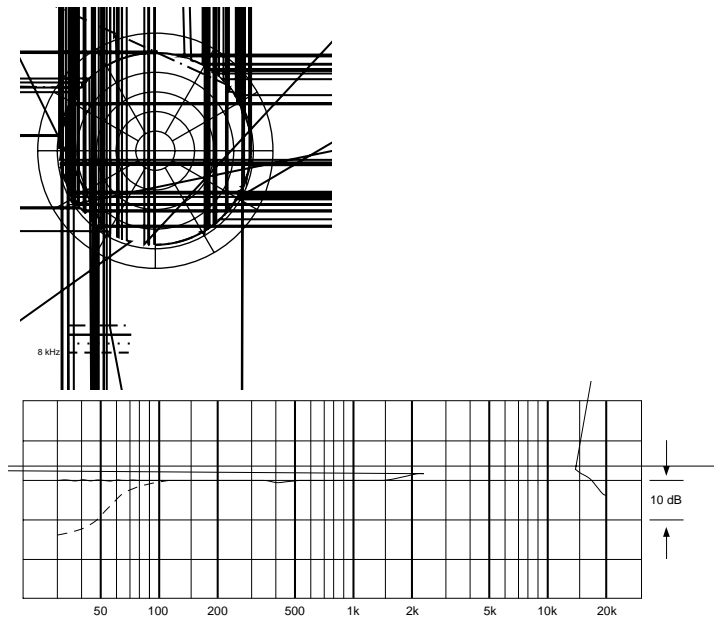
Output from the power module's XLRM-type connector is low impedance (Lo-Z) balanced. The signal appears across Pins 2 and 3; Pin 1 is ground (shield). Output phase is "Pin 2 hot" - positive acoustic pressure produces positive voltage at Pin 2.

At integral 80 Hz high-pass UniSteep® filter provides easy switching from a flat frequency response to a low-end roll-off. The roll-off position 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.

Audio-Technica has developed a special RFI-shielding mechanism, which is an integral part of the connectors in the UniPoint line. If you remove or replace the connector, you may adversely affect unit's RFI immunity.

	(Phantom / Battery)	132 dB / 122 dB SPL
DYNAMIC RANGE (typical)	(1 kHz at Max SPL)	(1 kHz at Max SPL)
	(Phantom / Battery)	111 dB / 101 dB
SIGNAL-TO-NOISE RATIO		73 dB, 1 kHz at 1Pa
PHANTOM POWER REQUIREMENTS		11-52V DC, 2 mA typical
SWITCH		Off, on-fat, on-roll-off
BATTERY TYPE		1.5V AA/UM3
BATTERY CURRENT / LIFE		0.4 mA / 1200 hrs typical (alkaline)
WEIGHT		
	MICROPHONE	78 g
	POWER MODULE	139 g
DIMENSIONS		
	MICROPHONE	65 mm - diameter, 15.1 mm - height
	POWER MODULE	84 mm(H) x 63 mm(W) x 22 mm(D)
OUTPUT CONNECTOR		Integral 3-pin XLRM-type (power module)
CABLE		7.6m long (permanently attached to microphone), 3.2mm diameter, 2-conductor shielded cable with TA3F-type connector.
ACCESSORIES FURNISHED		AT8531 power module, battery, Soft protective pouch



U841A

unipoint®

全向方指向性平面式会议话筒



- UniGuard™ - (RFI)

- UniSteep® -

UniPoint

U841A 11V 52V 1.5V AA 3

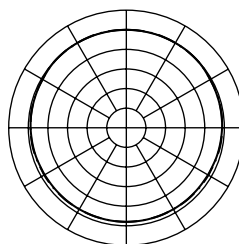
技术指标

收音头			
指向特性			
频率响应		30-20,000 Hz	
高通滤波		80 Hz, 18 dB/octave	
开通灵敏度	(幻象供电/电池)	-39 dB (11.2 mV) 1V 1 Pa /	
		-40 dB (10.0 mV) 1V 1 Pa	
输出阻抗	(幻象供电/电池)	200	/ 270
最大承受声压	(幻象供电/电池)	132 dB (1 kHz 1% T.H.D.) /	
		122 dB (1 kHz 1% T.H.D.)	
动态范围 (典型)	(幻象供电/电池)	111 dB (1 kHz) /	
		101 dB (1 kHz)	
讯噪比		73 dB, 1 kHz	1Pa
幻象供电		11-52V	2 mA
开关			
电池种类		1.5V AA 3	
电池耗电量 / 电池寿命		0.4 mA / 1200 ()	
重量	话筒	78	
	供电模组	139	
外形尺寸	话筒	65 mm - , 15.1 mm - ,	
	供电模组	84 mm() x 63 mm() x 22 mm()	
输出连接器		3	()
连接线		7.6m	3.2 mm TA3F
		2	
附属品		AT8531	

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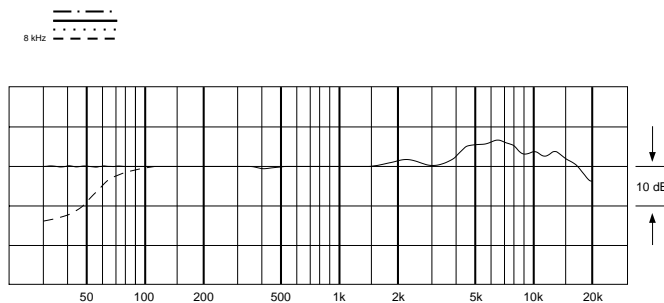
80 Hz ()

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43°C

Audio-Technica
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audio-technica®

鐵三角®

Machida • Tokyo • Japan