

# 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.



# U841A



## 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 2 TA3F
附属品	AT8531

3 1 ( )  
2

2

80 Hz ( )

43°C

Audio-Technica  
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