

# AUDIX®



## UEM-81

*cardioid and supercardioid microphone system*

### UTILITY CONDENSER MICROPHONES

#### UEM-81c, cardioid capsule

The Audix UEM-81c offers exceptional value in a cardioid condenser microphone that accurately captures the subtleties of any sound source. The UEM-81c puts studio quality performance within the reach of any home studio, musician, engineer or sound contractor.

The UEM-81c has a smooth frequency response from 40Hz-20 kHz and is capable of handling sound pressure levels of up to 128 dB. The UEM-81c runs on an internal AA battery (supplied). An on/off switch is provided to prolong battery life. An added feature is the bass roll off switch which helps to minimize proximity effect when the sound source is spoken word or other bass-heavy sound sources. This electret condenser microphone provides excellent performance in a variety of applications, and comes with mic clip, XLR cable and windscreen.

#### UEM-81s, supercardioid capsule

The UEM-81s is an optional shotgun capsule for the UEM-81 body that delivers true supercardioid performance. Shotgun mics are well-known for their ability to 'pull in' a distant sound source, while effectively rejecting unwanted off-axis sounds. A camera adapter is provided making it easy to mount the UEM-81s/c on any camcorder.

#### UEM-81c applications

- acoustic instruments
- choirs and singers
- stage performances
- drum overheads and cymbals

#### UEM-81s applications

- location sound recording
- TV, video and film
- drum overheads and cymbals
- hanging or distant mic placements

*A complete line of studio microphones designed for a full range of applications*

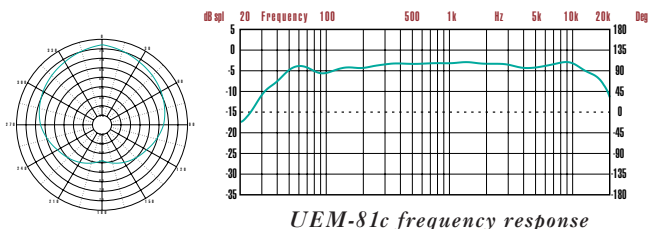
# AUDIX UEM-81

*cardioid and supercardioid capsules*



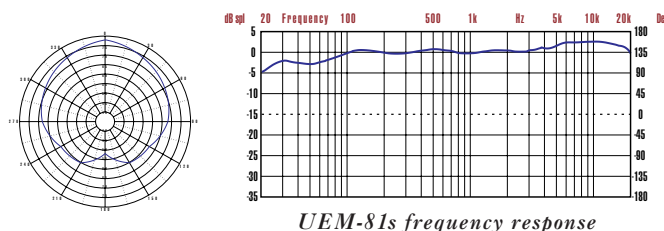
## UEM-81c

Cardioid electret condenser is ideal for instruments and percussion. The UEM-81c features smooth 40Hz-20kHz response and 128dB SPL handling in durable black e-coat aluminum construction. The UEM-81c uses standard AA batteries for approximately 1000 hours of use. The UEM-81c also comes with a 20 ft. XLR-XLR cable, mic clip, pop filter and carrying case.



## UEM-81s

Combination electret condenser set includes inter-changeable super-cardioid shotgun capsule and cardioid capsule (UEM-81c) with screw-on pre-amp. Features of the UEM-81s shotgun are 20Hz-20kHz frequency response, 128dB SPL handling in durable black e-coat aluminum construction. The UEM-81s uses standard AA batteries for approximately 1000 hours of use. The UEM-81s also comes with a 20 ft. XLR-XLR cable, mic clip, pop filter and carrying case.



## SPECIFICATIONS

Model	UEM-81c	UEM-81s
<i>Transducer principle</i>	Condenser	Condenser
<i>Pickup pattern</i>	Cardioid	Supercardioid
<i>Frequency range</i>	40 - 20k	20 - 20k
<i>*Sensitivity mv/Pa, mv/ubar</i>	14 / 1.4	10 / 1.0
<i>S/N ratio at 1kHz (dB A weighted), CCIR</i>	82 / 62	79 / 66
<i>Maximum SPL</i>	128dB	128dB
<i>Housing/finish</i>	aluminum/black e-coat	aluminum/black e-coat
<i>Weight</i>	80g	140g



*included accessories—mic clip, wind screen and XLR mic cable*

\*1 Pa = 94 dB SPL at 1kHz into 1k ohm load impedance

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