

TMK-UM387



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# TMK-UM387 Condenser Gooseneck Microphone

## General Description

TMK-UM387 microphone is extremely versatile condenser microphones for public usage.

This elegant microphone desk stand is easily adjusted in height and angle, thus offering an aesthetic pleasure alternative to goosenecks.

The permanently attached cable is brought out at the desk.

(Cable length is 3m)

TMK-UM387 is internally connected with World-renowned Neutrik for sonic integrity.

TMK-UM387 operates on phantom power.

TMK-UM387 package (with a wood carrying case) will keep the microphone, shock-mount, and pop filter safe while storing and traveling.

Wind-screen is included.



## Key features

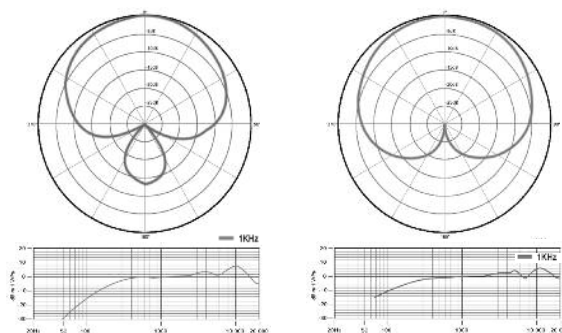
**TMK-UM387 microphones are extremely versatile condenser microphones for public usage.**

**This elegant microphone desk stand is easily adjusted in height and angle, thus offering an aesthetic pleasure alternative to gooseneck.**

- TMK-UM387(S) microphone with only cardioid capsule.
- TMK-UM387(M) microphone with inter-changeable capsules to provide a choice of. (cardioid, super-cardioid)
- Designed for quality sound, professional audio. (recording)
- Small-diameter, alternating gooseneck design provides highly flexible positioning.
- Excellents in feedback attenuation due to super-cardioid pick-up pattern.
- Flat frequency response.
- Low noise and distortion.
- Balanced, symmetrical, very low-impedance out.
- Totally faithful reproduction of the original sound.
- Includes a pop shield.

## Technical specification

<b>Element</b>	Condenser
<b>Polar pattern</b>	Cardioid (Super-cardioid)
<b>Frequency Response</b>	40hz-16khz
<b>Sensitivity</b>	-34dB±3dB( 1dB=1V/Pa at 1kHz )
<b>Max.Input SPL</b>	130dB( T.H.D≤1% at 1kHz )
<b>Power Requirements</b>	48V, 2mA
<b>Pickup angle</b>	120°
<b>Output impedance</b>	200Ω
<b>Line Length</b>	3M
<b>Signal to noise ratio</b>	≥72dB
<b>Output Interface</b>	Neutrik XLR Male



## Detail Picture



CASE



BOTTOM



CAPSULE

TMK-TN423



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# TMK-TN423

## Line + Gradient Condenser Microphone

### General Description

TMK-TN423 hyper-cardioid shot-gun microphone is designed for video production and broadcasting. Suited for both boom & hand-held use, it provides the narrow angle and desirable for long-distance sound pickup. Features excellent sound isolation from the sides and rear of mic. It operates on battery or phantom power. The windshield is supplied to minimize light wind noise and plosives during recording. Holder and windscreen are included.



### Key features

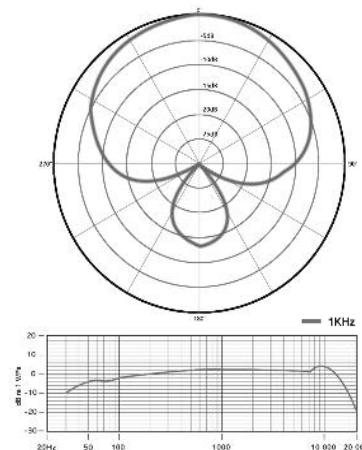
- Broadcast sound quality.
- Rugged metal construction.
- Operates on 1.5V AA battery or Phantom power.

### Application

- Live sound, Recording, Video.
- Acoustic instrument.
- Overheads, Room Ambience.

### Technical specification

<b>Model</b>	TN-423
<b>Element</b>	Back electret condenser
<b>Polar pattern</b>	Hyper-cardioid
<b>Frequency Response</b>	40hz-16khz
<b>Sensitivity<sup>48V/1.5V</sup></b>	-29dB/-30dB±2dB( 1dB=1V/Pa at 1kHz )
<b>Output Impedance<sup>48V/1.5V</sup></b>	500Ω/600Ω±20%( at 1kHz )
<b>Signal to Noise Ratio</b>	70dB( 1kHz at 1Pa )
<b>Dynamic Range<sup>48V/1.5V</sup></b>	106dB/91dB( 1kHz at Max SPL )
<b>BASS</b>	180Hz 12dB
<b>Power Requirements</b>	+48V / 1.5V AA battery
<b>Switch</b>	ON/OFF
<b>Max. Input SPL <sup>48V/1.5V</sup></b>	130dB/115dB( T.H.D≤1% at 1kHz )
<b>Weight</b>	214g
<b>Body Dimensions</b>	Φ22.5×295mm
<b>Output Interface</b>	XLRM



### Detail Picture



CASE



HEAD



PART OF BATTERY

TMK-TX37



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# TMK-TX37

## Condenser clip-on microphone (cardioid) for wind instruments

### General Description

The powerful sound of TMK-TX37 is specially designed for saxophone, brass. TMK-TX37 is outstanding in high-SPL applications and is ideal for active stage performances. Its extended frequency response captures even very details of the performance. It functions best with high sound levels and the cardioid polar pattern delivers extremely good channel separation and maximum feedback rejection. The practical rubberized clip-on mount also ensures a secure hold, protects the instrument and provides very good isolation from physical vibration. The flexible gooseneck allows it to be optimally positioned relative to the sound source. The belt-mounted power module operates on either battery (1.5V AA) or phantom power.

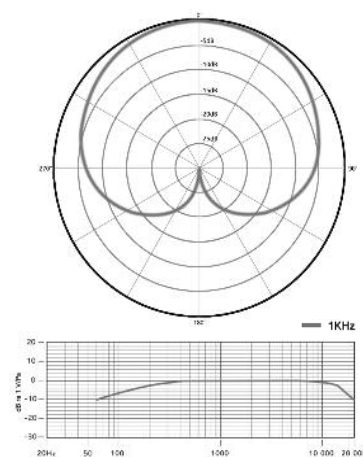


### Key features

- Cardioid polar pattern reduces pickup of sounds from the sides and rear.
- Improving isolation of desired sound source.
- The easy to mount clamp with gooseneck for optimal positioning and protects the instrument's surface.
- Effective built-in pop filter reduces un-wanted winds or breath noise.
- 6" (1.8 m) cable permanently attached between microphone and power module.

### Technical specification

<b>Element</b>	Black Electret Condenser
<b>Polar pattern</b>	cardioid
<b>Frequency Response</b>	50hz-16khz
<b>Sensitivity</b>	-45dB±3dB/(0dB=1V/peak 1KHz)
<b>Output Impedance</b>	250Ω±30%(at 1 KHz)
<b>Max Input SPL</b>	70dB( 1KHz at 1Pa )
<b>Power Supply</b>	battery (1.5V AA) or phantom power
<b>Dimensions</b>	Φ15mm



### Detail Picture



CASE



CLAMP



CAPSULE

TMK-TK86S



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# TMK-TK86S

## Hand-held Super-cardioid Dynamic Microphone

### General Description

The dynamic vocal microphone TMK-TK86S with a super-cardioid polar pattern designed for professional sound environment.

With the powerful neodymium magnet,

the very light diaphragm with markedly large dimensions transmits

even the finest definition of the voice

and at the same-time provides excellent damping of crosstalk from other sound sources.

The microphone's balance has been improved so that it sits optimally in the hand.

Its super-cardioid polar pattern ensures maximum gain before feedback.

It delivers an impressively balanced and exceptionally powerful sound.

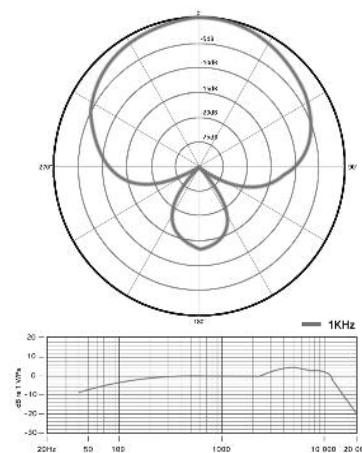


### Key features

- Extremely durable vocal/speech microphone.
- Rugged metal body .
- Excellent feedback rejection .
- Very good isolation of handling noise .
- Very high sound pressure handling capability .
- Extremely powerful, well resolved sound.

### Technical specification

<b>Element</b>	Dynamic
<b>Frequency range</b>	40hz-18000hz
<b>Sensitivity</b>	3.3mV/Pa
<b>Polar pattern</b>	Super cardioid
<b>Pickup angle</b>	105°
<b>Output Interface</b>	XLR Male
<b>Output Impedance</b>	200Ω
<b>Maximum SPL</b>	130dB
<b>Signal to noise ratio</b>	≥70dB
<b>Dynamic range</b>	110dB
<b>Weight / Dimension</b>	315g / 45 x 180



### Detail Picture



CASE



BODY



HEAD



TMK-TK78



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# TMK-TK78

## Handheld Super-cardioid Dynamic Vocal Microphone

### General Description

The dynamic vocal microphone TK78 with a super-cardioid polar pattern designed for professional sound reinforcement and project studio recording.

It is optimized for extremely close mic-ing, it offers a perfectly resolved and powerful sound, which allows vocalists to stand out even more on loud stages. it is suitable for variety of requirements.

Holder is included.

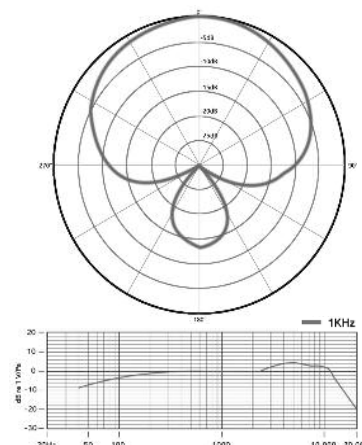


### Key features

- Treble resonator to expand the high frequency range.
- Special sound holes for a maximum feedback reduction.
- Reduced handling-noise with anti-shock engineering.
- Built to withstand extreme sound pressure levels.
- Switch design for silent on/off operation, and a corrosion-resistant gold-plated XLRM-type connector.
- Rugged all-metal construction.
- Extremely powerful, well resolved sound.

### Technical specification

<b>Element</b>	Dynamic
<b>Frequency range</b>	40hz-16000hz
<b>Sensitivity</b>	-48.dBV/Pa(2.1mV)
<b>Polar pattern</b>	super-cardioid
<b>Pickup angle</b>	105°
<b>Output Interface</b>	XLR Male
<b>Output Impedance</b>	200Ω
<b>Maximum SPL</b>	120dB
<b>Signal to noise ratio</b>	≥70dB
<b>Dynamic range</b>	110dB
<b>Weight / Dimension</b>	280g / 51 x 178



### Detail Picture



CASE



BODY



HEAD

TMK-HM72



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# TMK-HM72 Handheld Condenser Microphone

## General Description

TMK-HM72 is a premium quality cardioid hand-held electret condenser microphone with exceptionally smooth frequency response and high sound pressure level capability.

Designed for professional sound reinforcement, broadcasting, and studio recording purpose.

The cardioid polar pattern of HM72 helps to compensate for noise bleed and withstand Plosives (Popping), Flat Frequency Response,

The directionality of TMK-HM72 reduce the risk of feedback.

The "Popping" effect on spoken consonants is substantially reduced by the built-in pop filter.

TMK-HM72 operates on phantom power.

TMK-HM72 package (with a wood carrying case) will keep the microphone, shock-mount, and pop filter safe while storing and traveling.

TMK-HM72 includes Mic-Clip Holder and windscreen.

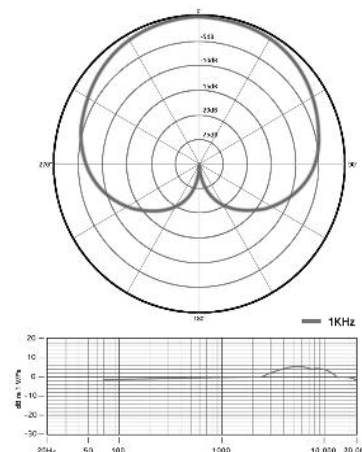


## Key features

- Cardioid.
- Built-in protection from plosive sounds and handling noises.
- Low noise and distortion balanced, symmetrical, low-impedance out.
- Suitable for speech pickup.
- Has a smooth, tailored response for warm, accurate sound.
- Much lighter than traditional microphone. (173g)
- Excellent for singing (mobility) and speech applications.
- Extremely popular in houses of worship, theater and outdoor settings.
- Extremely powerful, well resolved sound.

## Technical specification

<b>Element</b>	Condenser
<b>Frequency range</b>	40hz-16000hz
<b>Sensitivity</b>	-30dB
<b>Polar pattern</b>	cardioid
<b>Pickup angle</b>	120°
<b>Maximum SPL</b>	130dB
<b>Output Impedance</b>	200Ω
<b>Power requirement</b>	48V
<b>Signal to noise ratio</b>	≥70dB
<b>Dynamic range</b>	106dB
<b>Weight / Dimension</b>	173g / 37 x 255



## Detail Picture



CASE



HEAD



CONNECTOR

TMK-CS12



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# TMK-CS12

## Multi-Capsule Professional Audio Condenser Microphone

### General Description

TMK-CS12 transformer design provides a solid bottom and an extremely fast transient response. TMK-CS12 has a flat, natural frequency response. TMK-CS12 is extremely well suited for situations where a small unobtrusive but powerful microphone is required. TMK-CS12 is a state-of-the-art low noise balanced output microphone, providing a wide dynamic range and full frequency response. TMK-CS12 is designed for broadcasting, live performance, acoustic instruments, theatre, surround and environmental recording usage. TMK-CS12 is a multi-purpose condenser microphone that operates on phantom power. (12V to 48V depending on mic-amplifier.) Versatile, durable, and precise, the TMK-CS12 is an outstanding microphone for both live and studio usage. TMK-CS12 package (with a wood carrying case) will keep the microphone, shock-mount, and pop filter. Be safe while storing or traveling. TMK-CS12 package includes a Mic-Clip Holder and windscreen. Omnidirectional microphones can pick up sound from virtually any direction. The most common uses of an omnidirectional microphone involve groups of singers or instrumentalists.

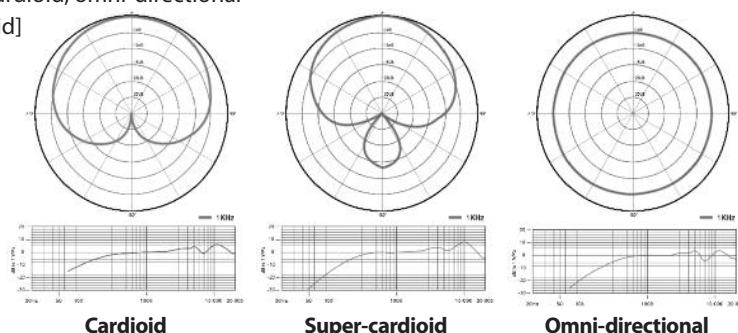


### Key features

- TMK-CS12(S) microphone with only cardioid capsule
- TMK-CS12(M) microphone with inter-changeable capsules to provide a choice of (cardioid, super-cardioid and omni-directional patterns)
- Super-cardioid pattern for pick-up speech or music in close range (under 50cm)
- Considerable attenuation of low frequencies
- It can also be used as a public address and other situations that require a vocal mic.
- The cardioid microphone is also a good choice for recording concentrated sounds such as vocals and certain types of drums.

### Technical specification

<b>Element</b>	Condencer
<b>Frequency range</b>	40hz-16000hz
<b>Sensitivity</b>	-35dB( 20mV/Pa )
<b>Polar pattern</b>	cardioid, super-cardioid, omni-directional
<b>Pickup angle</b>	120° [only cardioid]
<b>Maximum SPL</b>	130dB
<b>Output Impedance</b>	200Ω
<b>Power requirement</b>	48V



### Detail Picture



CASE



HEAD



CAPSULES