

# KM microphones

If you're looking for a high performance microphone and don't want to pay a fortune, take a look at the KM range of dynamic mics.

They are rugged with the features you need, designed to cope with rough handling and most importantly, they sound good. These dynamic microphones have a cardioid response meaning they pick up your voice loud and clear but are much less sensitive to other, unwanted sounds.

This is especially true from the rear of the microphone, handy when using stage monitors.

The KM range of microphones is supplied in a soft zipper bag, 5 metre professional XLR to XLR balanced cable (KM52/92/102) or high quality USB cable (KM103) and stand clip.

## KM52 DYNAMIC MICROPHONE WITH ON/OFF SWITCH

## KM92 DYNAMIC MICROPHONE



KM52

KM92



## KM102 DYNAMIC MICROPHONE WITH ON/OFF SWITCH

## KM103 USB DYNAMIC MICROPHONE



KM102

KM103



### SPECIFICATION KM52

Directional Characteristic  
Frequency Response  
Sensitivity  
Impedance  
On/off Switch  
Construction  
Finish  
Cable  
Accessories  
Size (Length x Dia)  
Weight (net)

### KM92

Uni-directional  
50Hz-16kHz  
-54dB ±3dB(OdB=1V/Pa at 1kHz)  
500 ohms(at 1kHz)  
Yes  
Die-cast Zinc Alloy  
Dark Grey Satin  
XLR-XLR 5m (16ft)  
Soft bag/clip/cable  
170mm(6.7") x 52mm (2.1")  
278g (0.61lb)

### KM102

Uni-directional  
50Hz-16kHz  
-54dB ±3dB(OdB=1V/Pa at 1kHz)  
600 ohms(at 1kHz)  
No  
Die-cast Zinc Alloy  
Dark Grey Satin  
XLR-XLR 5m (16ft)  
Soft bag/clip/cable  
168mm(6.6") x 52mm (2.1")  
273g (0.6lb)

### KM103

Uni-directional  
40Hz-16kHz  
-52dB ±3dB(OdB=1V/Pa at 1kHz)  
600 ohms(at 1kHz)  
Yes  
Die-cast Zinc Alloy  
Champagne Satin  
XLR-XLR 5m (16ft)  
Soft bag/clip/cable  
190mm x 50mm  
300g

### KM103

Uni-directional  
40Hz-16kHz  
-52dB ±3dB(OdB=1V/Pa at 1kHz)  
600 ohms(at 1kHz)  
No  
Die-cast Zinc Alloy  
Champagne Satin  
XLR-USB 5m (16ft)  
Soft bag/clip/cable  
190mm x 50mm  
320g

# wireless microphones W

## W2 DUAL HANDHELD WIRELESS MICROPHONE

- Two channel handheld wireless microphones using UHF 600-999 MHz band
- Advanced digital pilot technology, up to 200 sets can be used without interference
- Automatic frequency scan feature searches for available frequencies
- PLL system. Preset 240 non-interfered channels, adjustable 600 free frequencies
- Rechargeable handheld microphones with 80M range
- Standard 19-inch rack mounting with included rack ears

Studiomaster have had high quality affordable dynamic microphones in the range for many years. We are now expanding our microphone range to include a series of practical and high quality two channel wireless microphones.

### SPECIFICATION W2

Performance  
Carrier Frequency:UHF600-999MHz  
Frequency Stabilization:<±30ppm  
Dynamic Range:>100dB  
Total Harmonic Distortion:<0.5%  
Frequency Response:40Hz~15KHz±3dB  
Audio Output Level: Balanced/Unbalanced 400mV

Receiver  
Power Supply:DC15-17V  
Consume Power:3 WATT  
Signal/Noise Ratio:>95dB  
Image&Spurious Rejection:>80dB  
Border Upon Channel Rejection:>80dB  
Receiving Sensitivity:5dBuV  
De-Emphasis:50uS

Handheld Microphone  
Transmitter Power:30mW  
Modulation Type:FM  
Deviation:40KHz  
Spurious Emission:>60dB  
Battery Voltage:3V (2x1.5V AA Battery)  
Continuous Using:5 hours



Optional



## W2G 2.4GHZ DUAL HANDHELD WIRELESS MICROPHONE

- Using 2.4G Digital audio frequency, automatically filters out radio interference
- Smart ID code identifying synchronization technology, simple to setup multiple units
- Enhanced digital audio processing technology, for a natural sound
- Pre-set 16 selected channels for multiple unit installations
- Highly efficient battery power consumption, up to 5 hours continuous operation
- Standard 19-inch rack mounting with included rack ears

### SPECIFICATION W2G

Performance  
Carrier Frequency: 2.404-2.474GHz  
Available CH: 16Channels  
Band Range: 2MHz  
Dynamic Range: 85dB  
Total Harmonic Distortion: <0.1%

Receiver  
Power Supply: DC12-17V  
Consume Power: 2 W  
Signal/Noise Ratio: >95dB  
Receiving Sensitivity: -80dBm

Handheld Microphone  
Transmitter Power: 10mW  
Modulation Type: GFSK  
Battery Voltage: 2x1.5V AA Battery  
Battery Life: 5 Hours



Optional

