

# MAXHUB Portable Capture System

## Wireless Lavalier Microphone

Model: LM50

Meet the LM50 Wireless Lavalier Microphone, a top-tier audio solution designed for ultimate convenience and unparalleled performance. Whether you're presenting at a conference, leading a classroom, or broadcasting live, the LM50 adapts to your needs with impressive versatility and robust features.



### Versatile Wearing Options

Clip it on your collar, hang it around your neck, wear it on your head, or hold it in your hand—the LM50 offers multiple wearing styles to suit any situation.



### Long-Distance Transmission

Enjoy ultra-long 100-meter transmission range with automatic reconnection and infrared wireless pairing. Just turn it on and go, without any worries about frequency interference.



### Dual Microphones Connection

The LM50 supports simultaneous connection of both microphones, ensuring seamless coordination and clear audio capture from multiple sources.



### Exceptional Battery Life

With an astounding 7-20 hours of continuous use, the LM50 ensures you won't run out of power mid-session. Plus, benefit from super-fast charging—fully recharging in just one hour.

Button and Interface		
Multifunction Button	Power Control, Mute Function, Pairing	
Volume Up	"Volume +" Function	
Volume Down	"Volume -" Function	

Hardware Features		
Charging Case	LED Indicator	Power indicator and charging status indicator
Microphone	Display Screen	Working Status Indicator
	Quick Connect	Automatically initiates pairing each time it is removed from the case
	Auto Power Off	Automatically powers off after 5 minutes of inactivity Powers off after 40 minutes of inactivity in connected mode
	Infrared Pairing Distance	≥ 10 m
	Wireless Pairing Distance	2 m
	Effective Amplification Distance	Up to 100 meters in open space without obstacles
	Quick Charging	Charges for 10 minutes, provides over 90 minutes of usage time
	Reset Prompt	The microphone clips "clicks" when adjusted to the 0-degree position.
	Signal-to-Noise Ratio	95dB
	Transmission Protocol	Bluetooth 5.2
	Technical Standard	LE AUDIO
	Encoding Method	LC3 Plus

Electrical Parameters		
Charging Case	Power Input	3.7V, Lithium battery
	Charging	USB-C 5V
	Charging Time	2 hours
Microphone	Power Input	3.7V, Lithium battery
	Charging	1. Charging case 2. USB-C 5V
	Charging Time	1 hour
	Operating Time	> 6 hours

Audio Parameters	
Frequency Response	20 Hz – 20 KHz
Distortion	0.1%@1KHz
Signal-to-Noise Ratio	95 dB
Audio Latency	< 25 ms
Audio Sampling Rate	48 KHz/ 16bit
Wireless Transmission Range	2402 MHz – 2480 MHz
Transmission Power	0 ~ 13 dBm



Physical Parameters

Charging Case Dimension (W × H × D)	84 × 76 × 39 mm
Microphone Dimension (W × H × D)	30.4 × 51.6 × 26.1 mm
Package Dimension (W x H x D)	140 × 50 × 113 mm
Net Weight	0.16 kg
Gross Weight	0.45 kg

Accessories

USB Type-C Charging Cable	×1
Wind Protection Furry Cover	×3
Microphone Lanyard	×1
Storage Bag	×1
Microphone Headset	×1

Environmental Conditions

Operating Temperature	0°C ~ 40°C
Charging Temperature	5°C ~ 40°C
Storage Temperature	-20°C ~ 60°C
Operating Humidity	10% ~ 90% RH
Storage Humidity	10% ~ 90% RH

Statement

Size and weight vary by configuration and manufacturing process, please refer to the actual product.  
The product images are for illustrative purposes only and may slightly differ in appearance, colour, size, etc. from the actual product.  
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