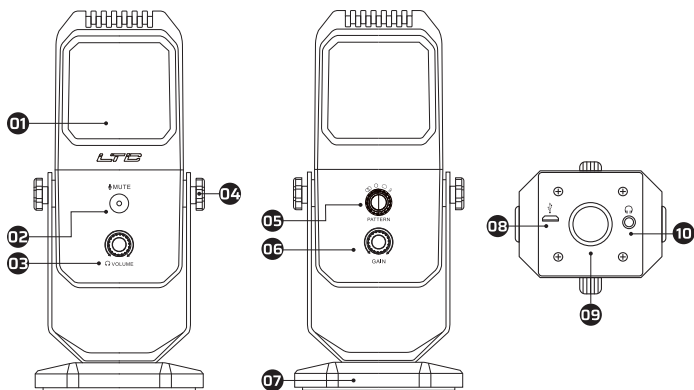


Encore

MPE-1 STUDIO MICROPHONE

USER MANUAL

PRODUCT DETAILS



01 Three Separate 14mm Capacitive Microphone Capsules

02 MUTE / UNMUTE BUTTON

03 Headphone Volume Controlling Knob

04 Detachable Stand Design

05 Bi-directional / Omnidirectional / Cardiod / Stereo Controlling Knob

06 Microphone Gain Controlling Knob

07 Shockproof Base Design (Silent anti-skid design)

08 MICRO USB PORT

09 15MM Standard Screew Connector

10 3.5mm Standard Monitoring Headphone Jack

KEY FUNCTIONS

MUTE



MUTE / UNMUTE BUTTON

Press the button on MUTE state/ Press again on UNMUTE state.
(The indicator flashes when MUTE and light always when UNMUTE)



VOLUME

Headphone Volume Controlling Knob

Turn clockwise to increase volume
Rotate anticlockwise to decrease volume



PATTERN

4 Polar Patterns Switch Knob

Rotate this knob can choose microphone polar pattern made:
Bi-directional / Omnidirectional / Cardioid / Stereo



GAIN

Microphone Gain Controlling Knob

Turn clockwise to increase the microphone gain
Rotate anticlockwise to decrease the microphone gain



Headphone Jack

Connect 3.5mm headphone can monitoring the voice, also you can enjoy music playback from this output.



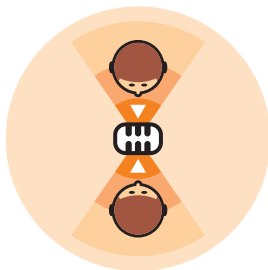
MICRO USB PORT

Use USB cable connect your computer or PC, enjoy all functions from MPE-1 microphone.

FOUR PATTERNS VOICE CAPTURE



Bi-directional



Interviews



Instruments



Vocal Duels



Omnidirectional



Conference Call



Field Recording



Events/Orchestras

FOUR PATTERNS VOICE CAPTURE



Cardiod



Podcasts



Voiceover



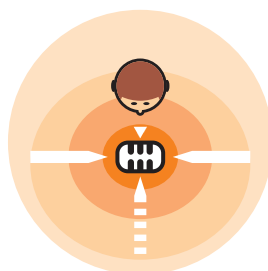
Vocal



Instruments



Stereo



Vocal



Ensemble Choir



Instruments

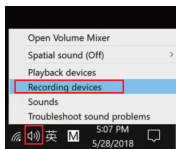
SETUP MICROPHONE-WINDOWS SYSTEMS

STEP 1

Plug the USB port of the microphone directly into your laptop or desktop computer.

STEP 2

Right-click the Audio Manager icon on the lower right of the desktop, then click the recording devices.



STEP 3

You can see microphone is set up and is on default, double click on microphone, then you can find microphone properties.



Note: If you insert the earphone output, pls make sure the MPE-1 is the default speaker in the playback.

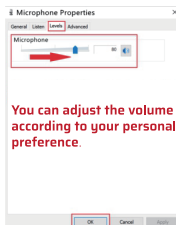
STEP 4

Come to the Listen, check to listen to this device, then click the ☐ button (If you need to monitor when recording, click OK to save the settings).



STEP 5

Come to the Levels, you can adjust the volume according to your personal preference.



You can adjust the volume according to your personal preference.

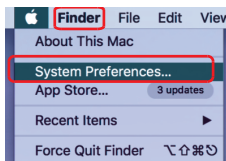
STEP 6

Now, click on OK to save the settings.

SETUP MICROPHONE-MAC OSX SYSTEMS

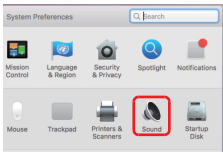
STEP 1

Click the desktop menu, then click system preferences...



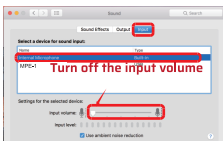
STEP 2

Find sound button and click it.



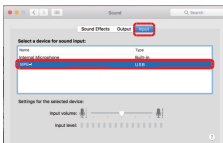
STEP 3

Choose input you will find internal Microphone, turn off the input volume.



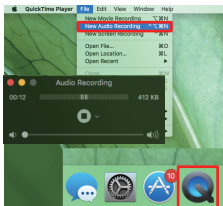
STEP 4

Then choose MPE-1 adjust input volume. (General adjustment in the middle).



STEP 5

Test the microphone sound: search out the computer comes with the software: Quick Time Player



STEP 6

Right click and select "NEW Audio Recording"

STEP 7

After selecting the external USB microphone, click the recording button and you can record it.

FAQ

► **My USB microphone sounds like it's really far away from me. I'm hearing lots of room noise.**

This sounds like your onboard mic is in use.

Check both System and Software Preferences to ensure that the microphone is the Default input device.

► **DO I need any special software to use the USB microphone? Do I need any drivers?**

Technically no.

Depending on your application, your OS may have sufficient features to utilize the capabilities of the microphone. But, to get the most of your microphone, you will want to have some kind of software that allows for digital signal processing and non-linear editing that will accept audio from the USB port. Some examples of these programs are listed below. As long as you are using Windows XP or Windows 10/8/7 or Apple OSX, you will not need any drivers.

► **Is the microphone compatible with Windows Vista?**

Yes, of course.

► **My USB microphone is plugged in, but I'm not able to see or hear levels.**

Things to double check: Is the LED indicator on the top of the microphone illuminated? Is the microphone connected to a native USB port? Hubs will not provide the appropriate current to power the microphone.

FAQ

► **Can I use the microphone with a traditional analog audio mixer?**

No, the microphone features digital output only. It must be connected to a USB port in order to function.

► **What do cardioid and omnidirectional mean? Why should I care?**

These are the two polar patterns of the microphone. If you think of polar patterns as the shape of the area that a microphone “hears”, omnidirectional hears everything at equal volume from all angles (in a 360 degree sphere surrounding the mic), while cardioid only hears what’s right in front of it at full volume and other sounds at increasingly diminished volume as the sound source moves further away from the centre of the microphone. You should care because one of the most useful features of a microphone is the ability to control its pickup.

► **Can I use more than one microphone at a time?**

Some audio editing software allows for multiple USB connection. Check with your software vendor—they should have technical support staff who can answer all of your questions about their product.

FAQ

► **What is the microphone used for? Is it a vocal mic, an instrument mic or both?**

A fancy way to say microphone is needed, but so is ease of use and setup, Though most professional engineers prefer certain microphones for certain applications, we designed this microphone use with a wide variety of sources. Here are some suggested applications we came up with when we were locked in this patented microphone: instrument and voice for music production/ pre-production / demos, DV-looping / dialog, podcasting, sound effects, audio sampling, interactive programming, video sweetening / post, internet telephony, internet conferencing, recording lectures. poetry slams. spoken word performances and speeches-generally anywhere where you need an easy-to-use microphone and you have access to a computer with a USB port.

TECHNICAL SPECIFICATIONS

Items	Specifications
Mic Capsules	3x14mm Condenser
Polar Patterns	Stereo/Omnidirectional/Cardioid/Bi-directional
Sensitivity	-46±3dB (0dB=1V/Pa at 1k Hz)
Frequency Response	20Hz-20k Hz
Working Voltage	USB DC 5V
Power Output	110mW
Sampling Rate	48kHz
Bit Depth	16bit
THD+N	≤0.005%
SNR	≥96dB
S.P.L.	120dB
Size	104mm x 90mm x 215mm



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WARRANTY

WARRANTY STATEMENT

The following limited warranty applies to LTC products but does not supersede regional laws and regulations.

LIMITATION OF WARRANTY

Please note that LTC is not responsible for providing free repairs if the product defect is caused by any of the following factors:

1. Damage caused by natural calamity or any inappropriate usage
2. Product has been repaired or taken apart by unauthorized technicians.
3. Products purchased from unauthorized agents. This limited warranty covers only repairs or replacements of LTC products.

DURATION OF WARRANTY

All LTC products provide with a 1-year warranty.

ADDITIONAL REMARKS

LTC will under no circumstances be responsible for the information or data stored in LTC products claimed by warranty. LTC recommends customers back data up in advance before sending their products for warranty service.

ONLINE CUSTOMER SERVICE

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