

Saramonic

Sound.Remarkable. 

USB Desktop Microphone

SmartMic MTV550

User Manual

Statement

Please read this manual carefully before using and strictly operate and store it in accordance with the instructions. Please save manual for your future reference. If you need further assistance than the user manual, please consult with your retailer for help or email us: info@saramonic.com.

Cautions

1. Do not use the unit under extremely wet conditions or underwater, don't expose it to rain. Please store it in a cool, dry place.
2. Please use and store it in normal temperature. Do not move it from overheated to supercooled condition frequently and be sure to keep away from heat sources such as heater or oven.
3. When using and storing, please keep clean and free of dust and moisture.
4. Be careful to avoid violent collisions or impacts.
5. To avoid feedback, do not hold the microphone close to the loudspeakers.
6. For the best results, do not hold your hand against, or cover the microphone.

Introduction

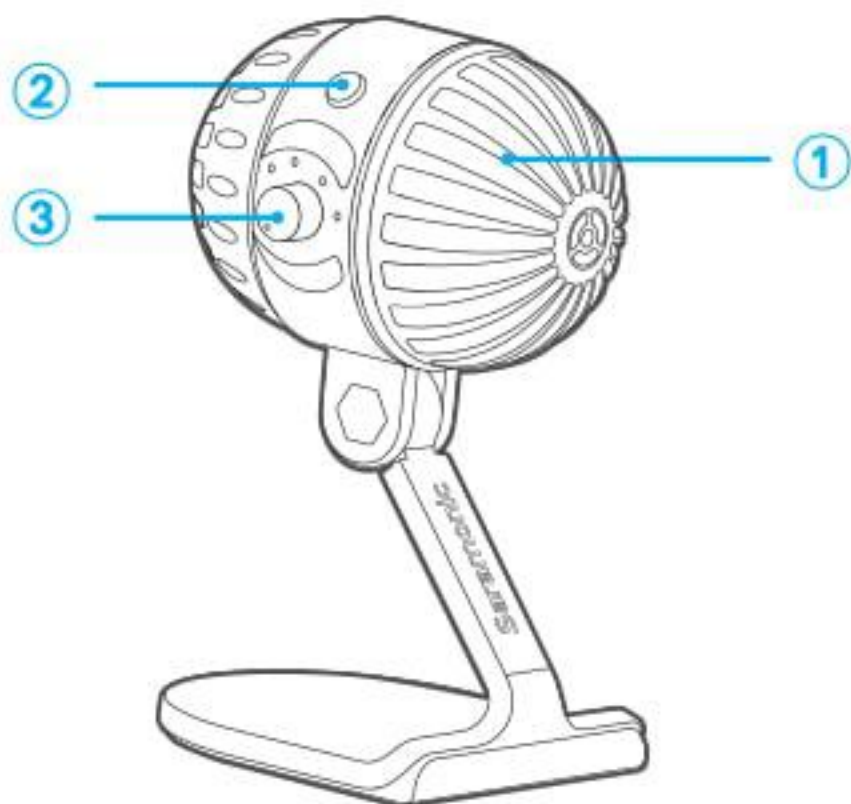
The Saramonic SmartMic MTV550 is a USB microphone that delivers professional, broadcast-quality sound to your computer for a variety of applications such as home-recording, live streaming, podcasting, voice-overs and much more.

Extremely easy-to-use, it features selectable recording modes and up to 24bit/48kHz resolution. Allowing you to capture high-quality, crystal-clear sound that is tailored for the recording source and application.

The SmartMic MTV550 also incorporates real-time monitoring with a built-in headphone jack with volume control. Allowing you to directly monitor the microphone with zero-latency.

With no drivers to install or configure, the SmartMic MTV550 easily works with any Lightning or USB-C mobile devices and any other computers with a USB port, right out of the box.

Product Structure



① Pop Filter

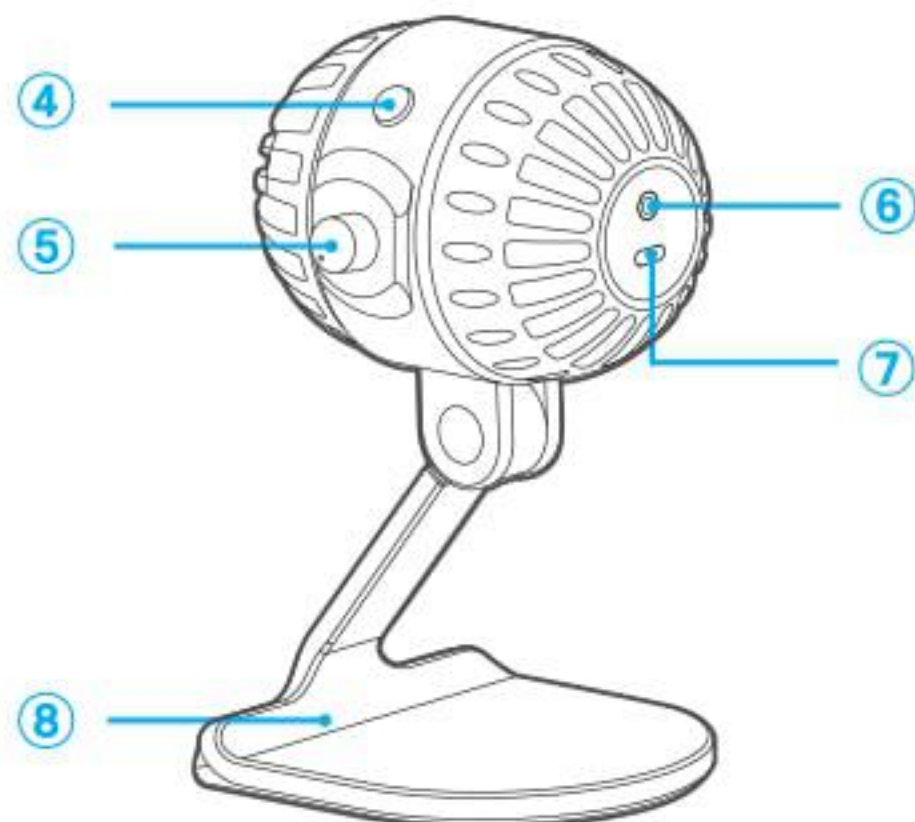
② High-pass Filter Button

③ Mode Control

④ Mute Button/Power Button

Power On=Solid Blue

Mute On=Flashes Blue



⑤ Headphone Volume Control

⑥ 3.5mm Headphone Jack

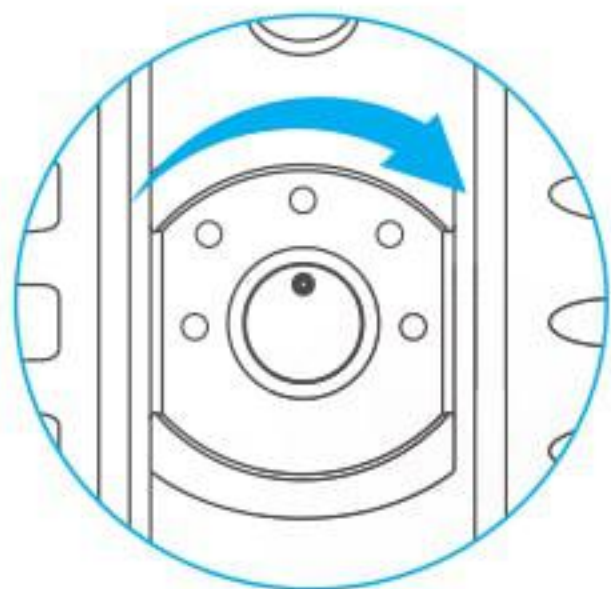
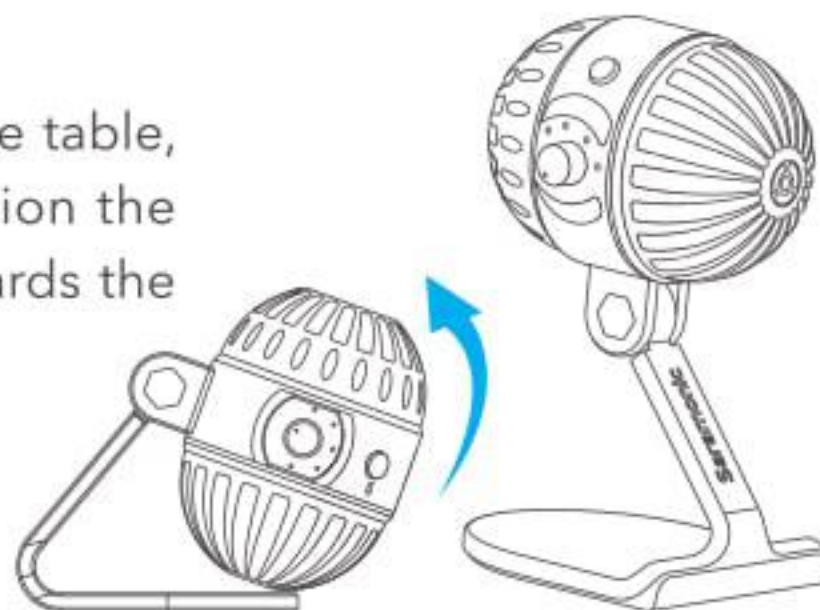
Connect a headphone to monitor the audio output.

⑦ Standard USB-C Output (DC 5V)

⑧ Desktop Stand

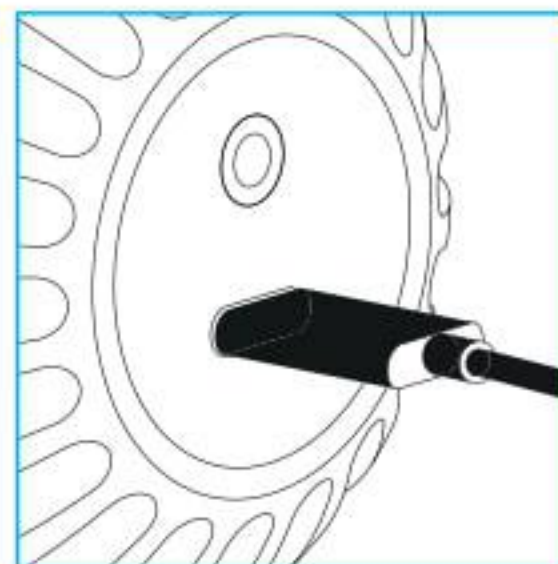
Operational Instruction

1. Unfold the microphone and lay it flat on the table, then adjust the mic to the ideal angle. Position the front side of the microphone's pop filter towards the subject.



2. Turn the "VOLUME" control to about 80% . Then adjust the volume up or down as needed.

3. Select the desired output cable and connect to the USB-C output at the back of the microphone and then to the device you will record with. Once the microphone is connected to the device, the blue POWER indicator will illuminate.



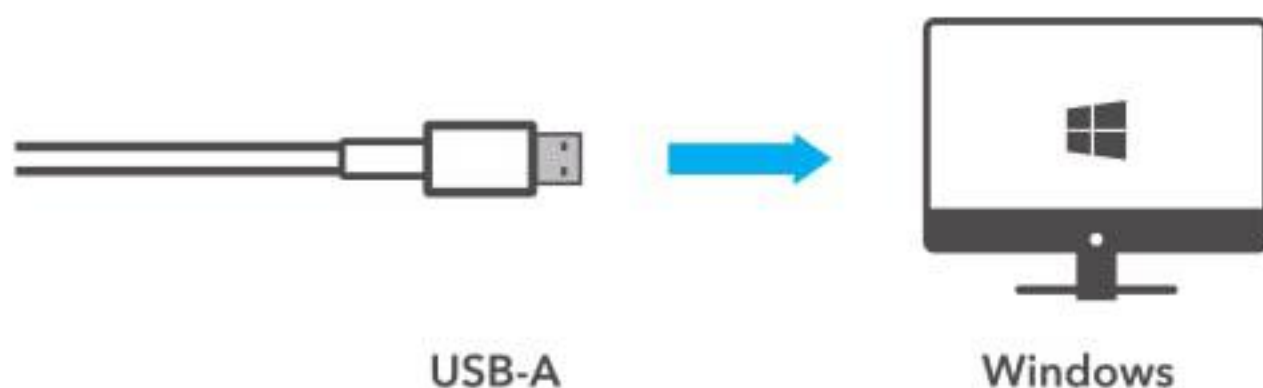
4.Recording Modes Introduction

MODE	APPLICATION	DETAILS
Piano	Instruments - Vocals	Records a clear and unprocessed audio signal. Designed to capture the full-frequency response of the source.
Vocal	Singing solo or group	Optimized for recording solo or group vocal performances. Optimum Pick-up Distance: Within 45cm of the front of the microphone.
Speech	Podcasts, Interviews, Voice-Overs, Speeches and Broadcasting	Designed to deliver a consistent and clear sound for spoken word performances Optimum Pick-up Distance: Within 5-30cm of the front of the microphone.
Acoustic	Acoustic Instruments - Vocals	Designed to capture the subtle details and natural sound of acoustic instruments and vocals. Optimum Pick-up Distance: Within 45cm of the front of the microphone.
Band	Bands-Ensemble Performances	Optimized for louder recordings such as bands, group performances and events. Optimum Pick-up Distance: Within 2-4 meters of the the subject.

5. Choose an appropriate pick-up pattern for your application and position the mic the appropriate distance from the subject before recording.

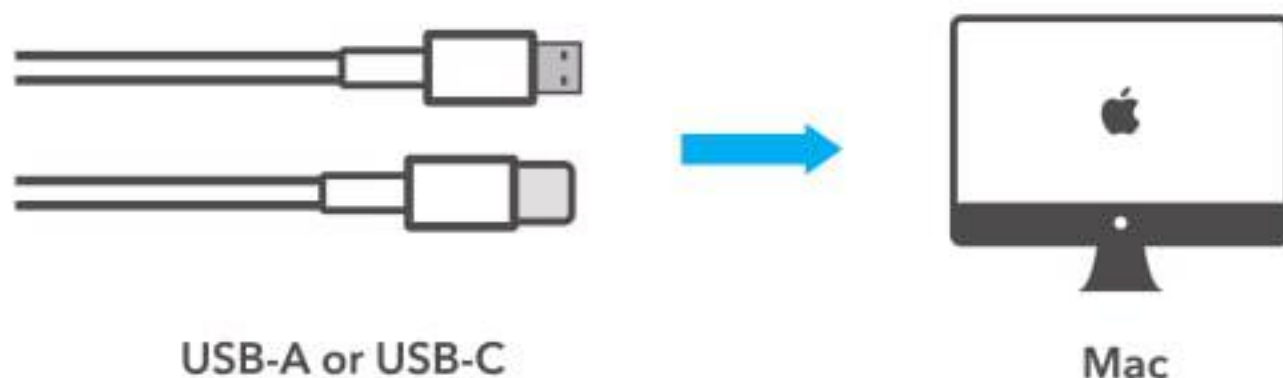
6. You are ready to record.

Setup Procedure (Computer)



Windows Set-up Procedure

1. Connect the microphone to your computer via the supplied USB-C to USB-A, or USB-C to USB-C output cable.
2. Open the control panel.
3. Select "Audio" tab and choose "Smartmic MTV550" as input device.



Apple Mac Set-up Procedure

1. Connect the microphone to your Mac Computer via the supplied USB-C to USB-A, or USB-C to USB-C output cable.
2. Select the "System Preferences" in Applications.
3. Select the "Sound" icon.
4. Choose "Smartmic MTV550" as input device.
5. Choose "Smartmic MTV550" as output device.
6. Close the "System Preferences" application.

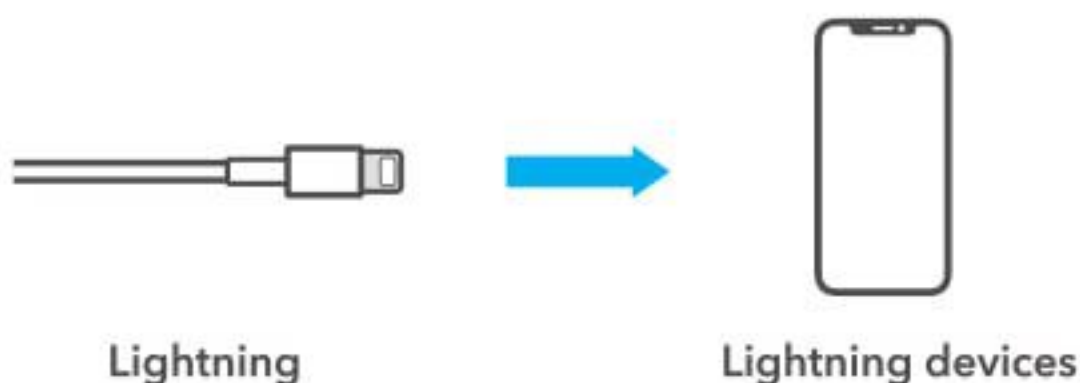
Setup Procedure (Smartphone)



USB-C devices Set-up Procedure

Connect the microphone to your USB-C devices via the supplied USB-C to USB-C output cable.

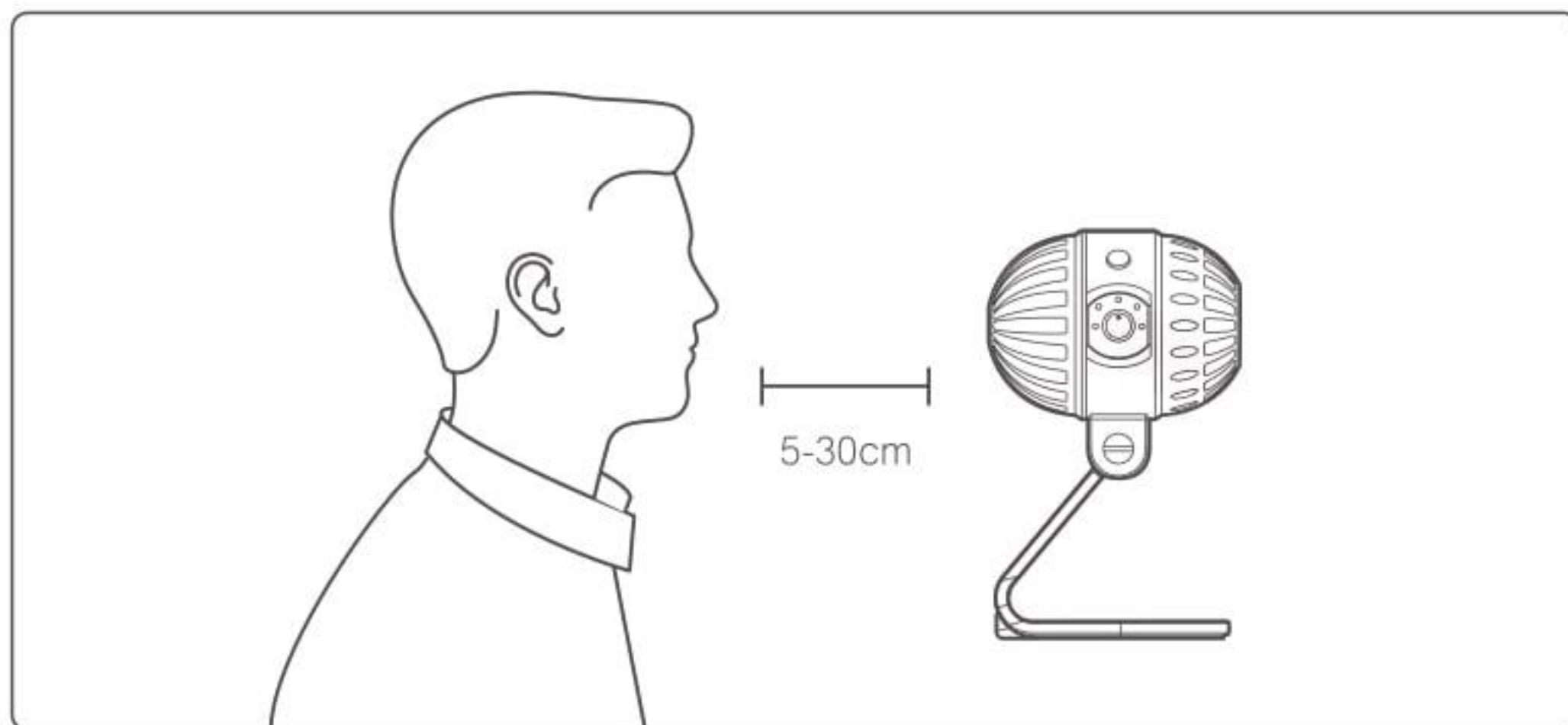
Note: If your USB-C devices requires setting OTG function manually, please set the "OTG Connection" to "ON". The OTG connection menu is usually in the "Additional Settings" in your device's setting menu.



iOS Lightning devices Set-up Procedure

Connect the microphone to your Lightning device via the supplied USB-C to Lightning output cable.

Tips



To get optimum sound performance, adjust the microphone's pick-up angle. For maximum clarity and intelligibility, position the microphone pointed directly at the subject's mouth.

Packing Lists

- SmartMic MTV550 Microphone
- 1.2m (3.9') USB-C to USB-A Cable
- 1.2m (3.9') USB-C to Lightning Cable
- 1.2m (3.9') USB-C to USB-C Cable
- Warranty Card
- User Manual

Specifications

Polar Pattern	Cardioid
Frequency Response	20-20kHz
Sensitivity	-39dB (1kH)
Sampling Rates	48kHz
Bit Depth	24Bit
Signal-to-Noise Ratio	85dB
Maximum SPL	130dB
Gain Control	0~36dB
Operating Voltage	5V/135mA

Specifications

Headphone Amplifier	Impedance	>16 Ω
	Output Power	110mW
	THD	0.0035%
	Frequency Response	20Hz-20,000Hz
	Signal-to-Noise Ratio	102dB
	Headphone Gain	0~62 dB
Output Connector		USB-C (DC 5V)
Dimensions		100*98*164mm (3.9*3.9*6.5")
Weight		353g (12.5 oz.)