包装信息	型号:AU-PM421 成品尺寸:90*120MM 材质:80g书写纸,骑马订 工艺:四色印刷 版本号:V1.0-20250422	备注信息	保密等级：一般 英德西法意

封底

封面

Model : AU-PM421

To get technical support, please scan the QR code

EC REP
Company: Zhou's Jade Star UG
Address: Brunnenallee 11A 14478 Potsdam
Tell: +49 179 7962788
E-mail: jadestar.eu@gmail.com

UK REP
Company: CET PRODUCT SERVICE LTD.
Address: Chase Business Centre, 39-41 Chase Side, London N14 5BP United Kingdom
Email: info.cetservice@gmail.com
TEL: +447419325266

Technical support:
support@maono.com
www.maono.com

Made in China

Final clause :
Information and data contained in this manual are subject to change without notice in advance.

We frequently update product firmware to improve user experiences and performance.
The status display and operations may be slightly different among different firmware versions.
For latest user manuals, please access on https://www.maono.com

V1.0_20250422

maono | No.1 Best-Selling Internet Microphone Worldwide

User Manual

Professional Condenser USB Microphone Set

maono

No.1 Best-Selling Internet Microphone Worldwide

Maono[ˈmɑːnoʊ], meaning "VISION" in Kiswahili, is the No.1 Best-Selling Internet Microphone Worldwide Brand that products are sold well in 153 countries worldwide. With the beautiful vision of becoming a global leading brand of Internet audio products that deliver a pleasant sound experience, Maono is always working with audio professionals, influencers, and users, to make the world's best microphones and audio products.

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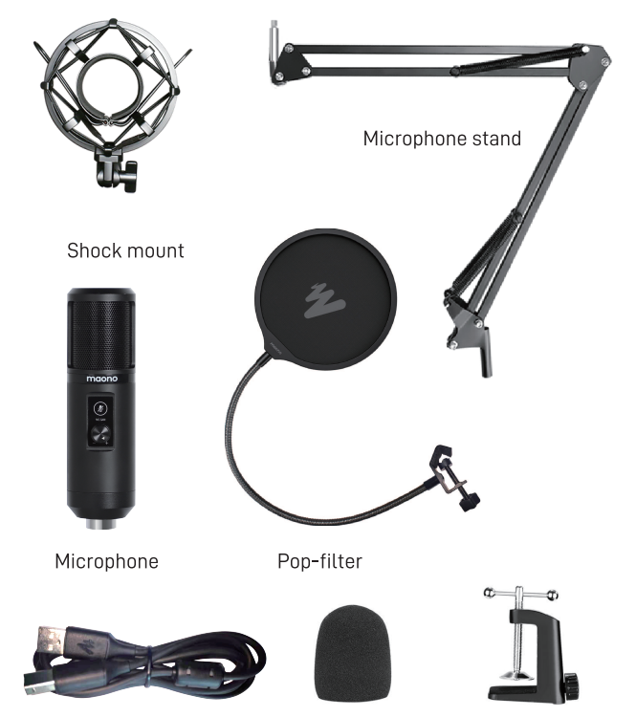
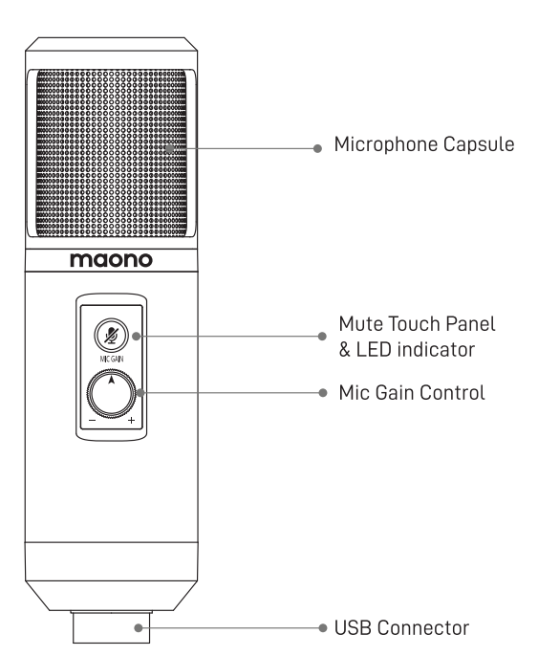
English 01-10
Deutsch 11-20
España..................................... 21-30
Français................................... 31-40
Italia... 41-50

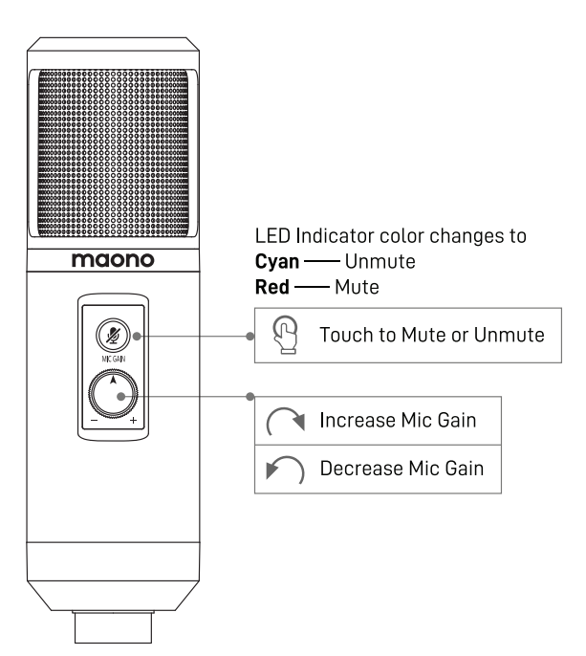
Introduction


Shock mount
Microphone stand
Microphone
Pop-filter
USB Cable
Windscreen cap
Table clamp

Overview

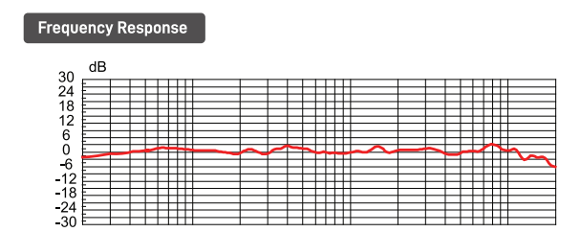

maono
Microphone Capsule
Mute Touch Panel & LED indicator
Mic Gain Control
USB Connector

Operation

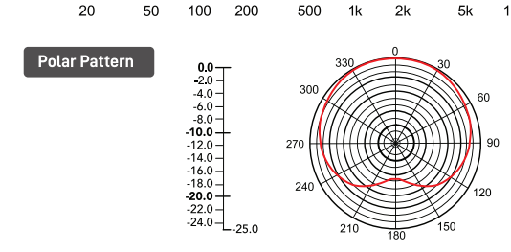

maono
LED Indicator color changes to
Cyan —— Unmute
Red —— Mute
Touch to Mute or Unmute
Increase Mic Gain
Decrease Mic Gain

Specification

Frequency Response



Polar Pattern



Polar Pattern	Cardioid
Frequency Response	20Hz – 20kHz
Sensitivity	-47dB~-29dB,±3dB(0dB=1V/Pa at 1kHz)
Power Requirements	USB (5V DC)
S/N Ratio	74dB
Maximum SPL	125dB
Mute control	Touch panel
Microphone Gain	Knob
LED Indicator	Available
USB Cable	USB A to B cable

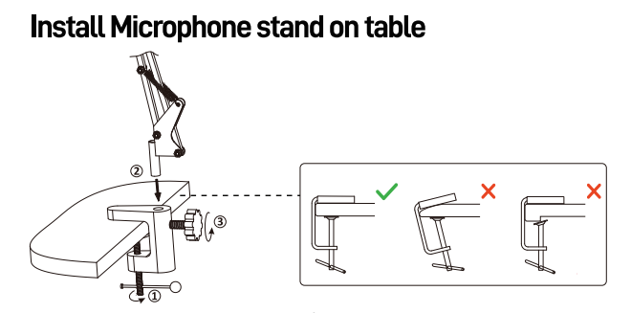
Description

Maono PM421 has a built-in audio processor with a high sample rate. The USB output allows it to be easily connected to a computer. You can use any of your favorite software to record music or other sound sources digitally. The cardioid polar pattern records clear audio directly in front of the microphone while rejecting noises coming from other directions. It has studio-quality audio and is great for singing, podcasting, dubbing, and home studio recording.

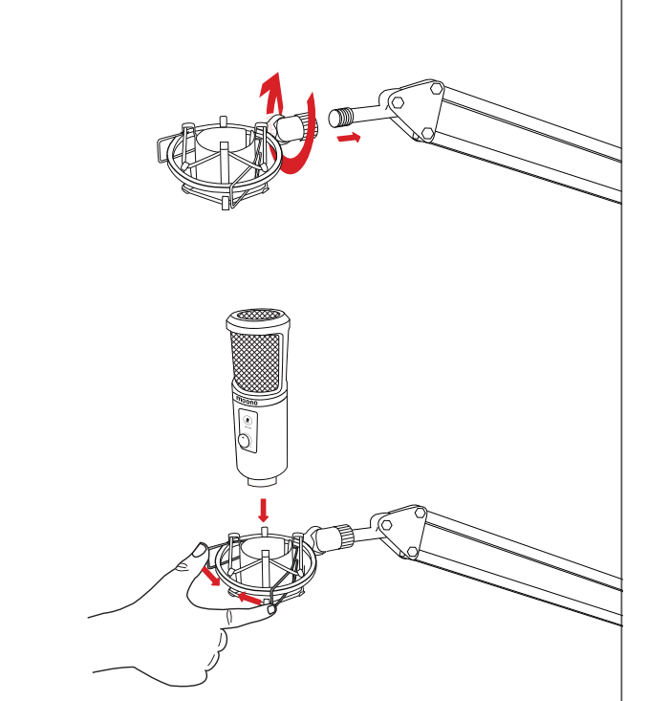
Features

- Plated condenser capsule with the cardioid pickup pattern
- Built-in premium digital-to-analog converter
- Touch mute control
- Plug-and-play with no driver required
- USB digital output
- Compatible with Windows & macOS
- Boom arm, shock mount, and pop filter included

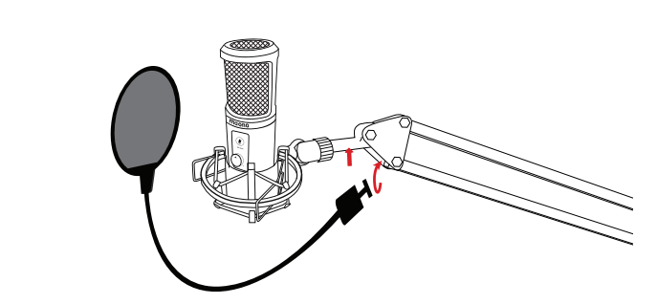
Install Microphone stand on table



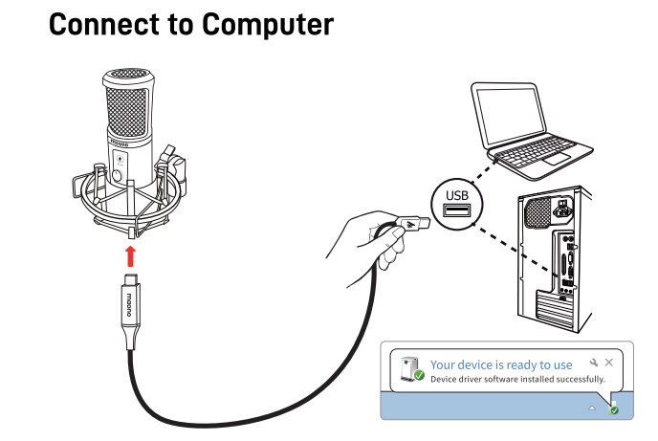
Installation quick guide



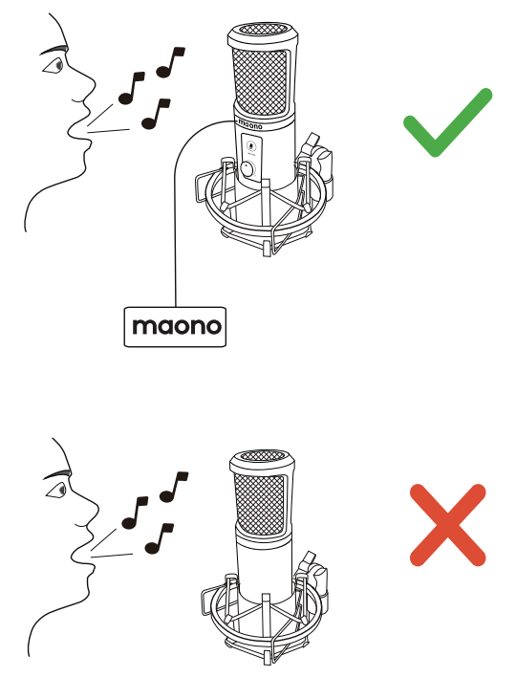
Installation quick guide



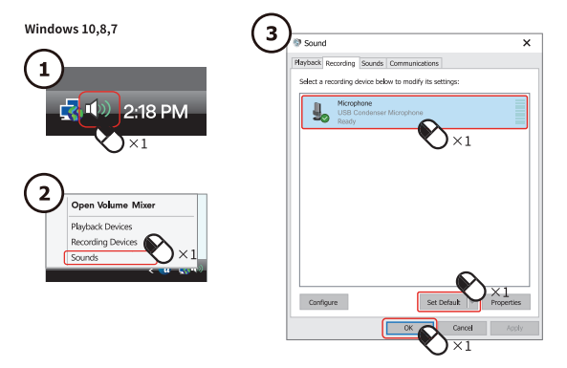
Connect to Computer


USB
Your device is ready to use
Device driver software installed successfully.

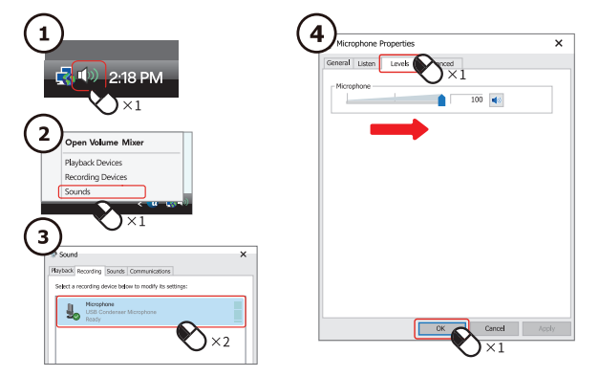
Microphone Placement



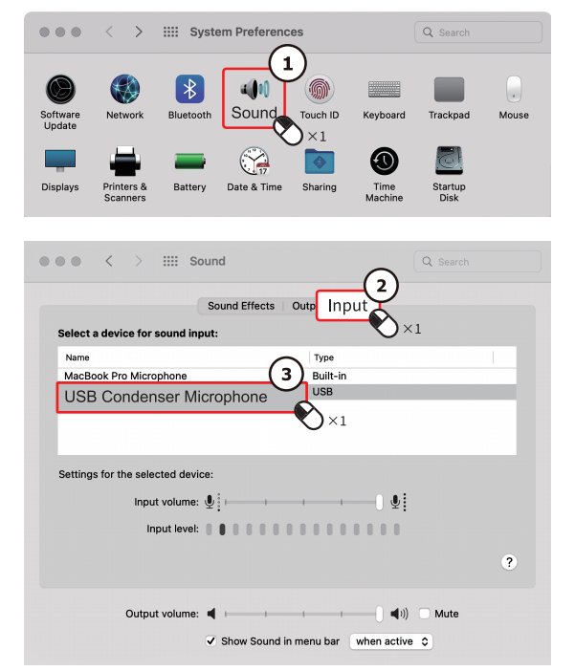
Windows Setting Guide


Windows 10,8,7
① 2:18 PM ×1
② Open Volume Mixer
Playback Devices
Recording Devices
Sounds ×1
③ Sound ×1 ×1 ×1

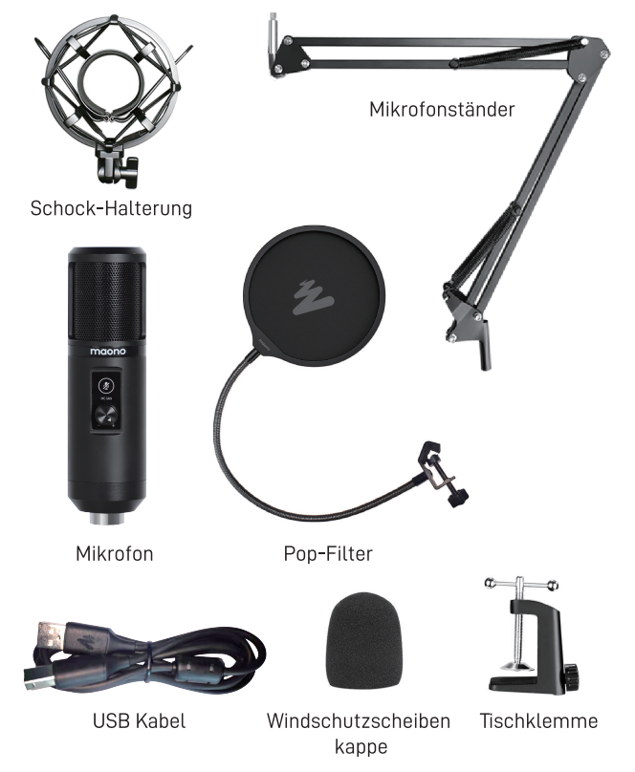
Microphone level setting


① 2:18 PM ×1
② Open Volume Mixer
Playback Devices
Recording Devices
Sounds ×1
③ Sound ×2
④ Microphone Properties ×1 ×1

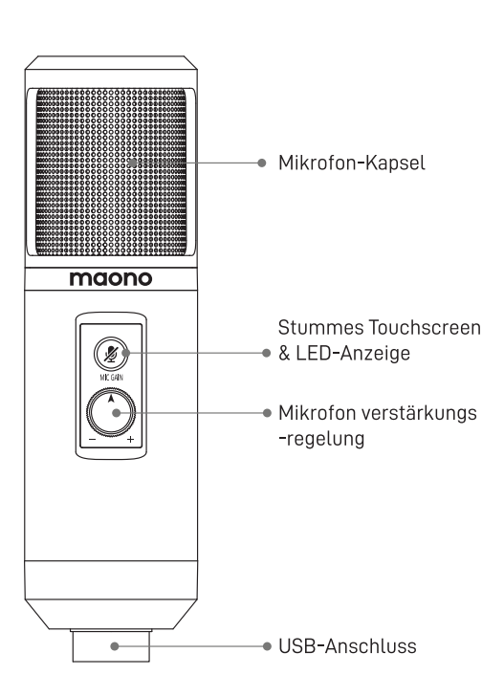
macOS Setting Guide


System Preferences
① Sound ×1
Sound
Sound Effects
② Input ×1
Select a device for sound input:
MacBook Pro Microphone Built-in
③ USB Condenser Microphone USB ×1
Settings for the selected device:
Input volume:
Input level:
Output volume:
Mute
Show Sound in menu bar when active

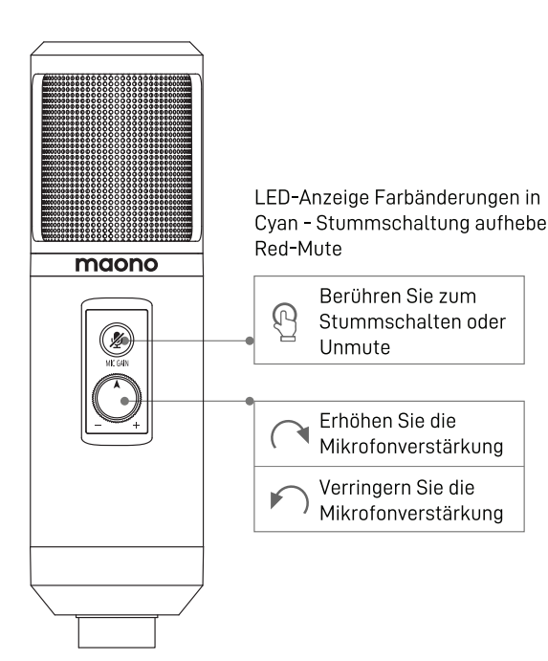
Einführung


Schock-Halterung
Mikrofonständer
Mikrofon
Pop-Filter
USB Kabel
Windschutzscheiben kappe
Tischklemme

Produktübersicht

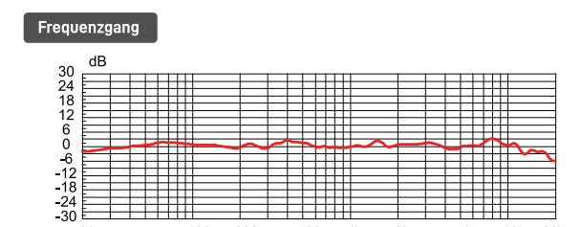

maono
Mikrofon-Kapsel
Stummes Touchscreen & LED-Anzeige
Mikrofon verstärkungs -regelung
USB-Anschluss

Wie funktioniert es

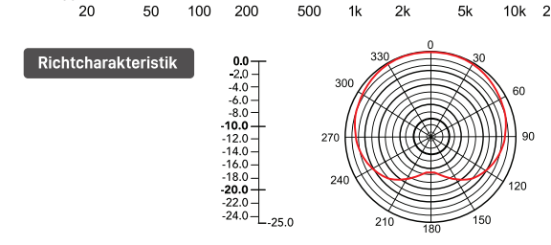

maono
LED-Anzeige Farbänderungen in
Cyan - Stummschaltung aufheben
Red-Mute
Berühren Sie zum Stummschalten oder Unmute
Erhöhen Sie die Mikrofonverstärkung
Verringern Sie die Mikrofonverstärkung

Spezifikationen

Frequenzgang



Richtcharakteristik



Polar-Muster	Nierencharakteristik
Frequenzgang	20Hz – 20kHz
Empfindlichkeit	-47dB ~ -29dB,±3dB(0dB=1V/Pa bei 1kHz)
S/N Verhältnis	USB (5V DC)
Max. SPL	74dB
Mikrofon-Verstärkung	125dB
Überwachung	Touchscreen
Kopfhörerbuchse	Knopf
LED-Anzeige	Verfügbar
USB-Kabel	USB A bis B cable

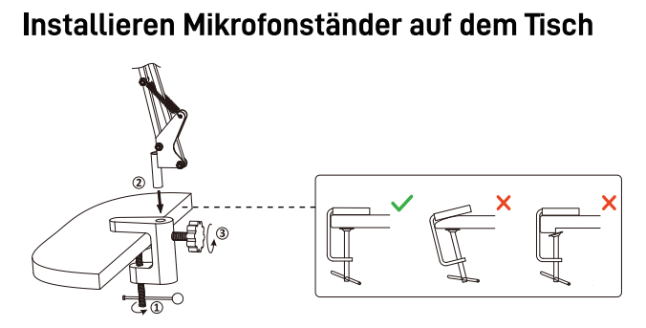
Beschreibung

Maono PM421 verfügt über einen eingebauten Audioprozessor mit einer hohen Abtastrate. Der USB-Ausgang ermöglicht den einfachen Anschluss an einen Computer. Sie können jede Ihrer bevorzugten Software verwenden, um Musik oder andere Tonquellen digital aufzunehmen. Die Nierencharakteristik zeichnet klares Audio direkt vor dem Mikrofon auf, während Geräusche aus anderen Richtungen unterdrückt werden. Es verfügt über Audio in Studioqualität und eignet sich hervorragend zum Singen, Podcasting, Synchronisieren und Heimstudio-Aufnahmen.

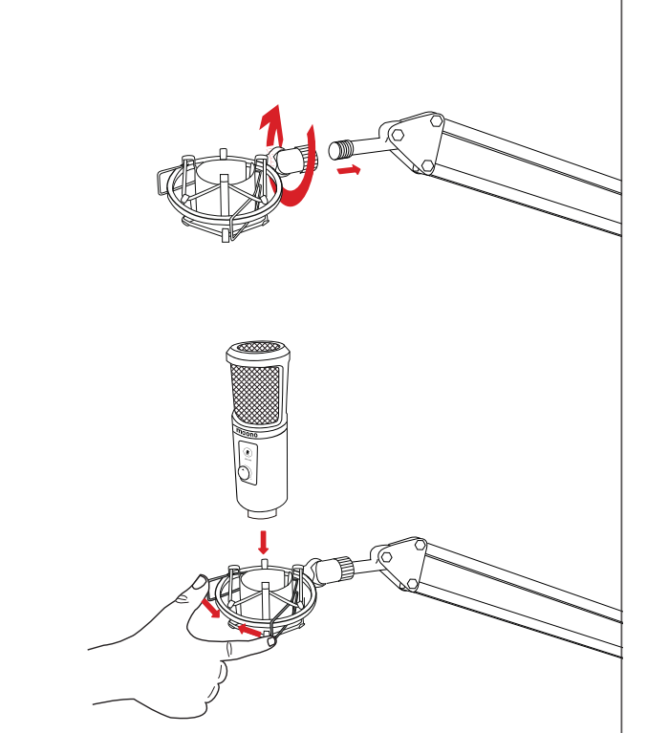
Eigenschaften

- Vergoldete Kondensatorkapsel mit Nierencharakteristik
- Eingebauter Premium-Digital-Analog-Wandler
- Touch-Stummschaltung
- Plug-and-Play ohne Treiber erforderlich
- Digitaler USB-Ausgang
- Kompatibel mit Windows und macOS
- Mikrofonständer, Stoßdämpferhalterung und Pop filter enthalten

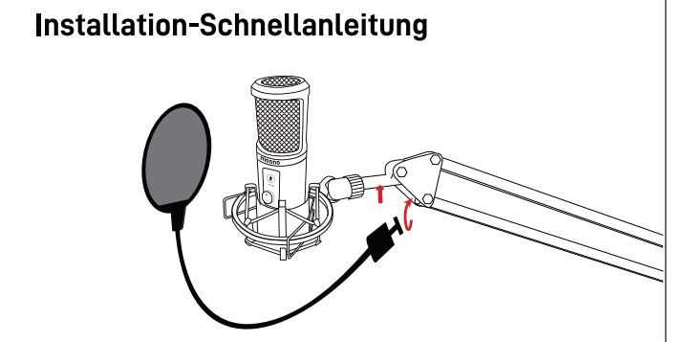
Installieren Mikrofonständer auf dem Tisch



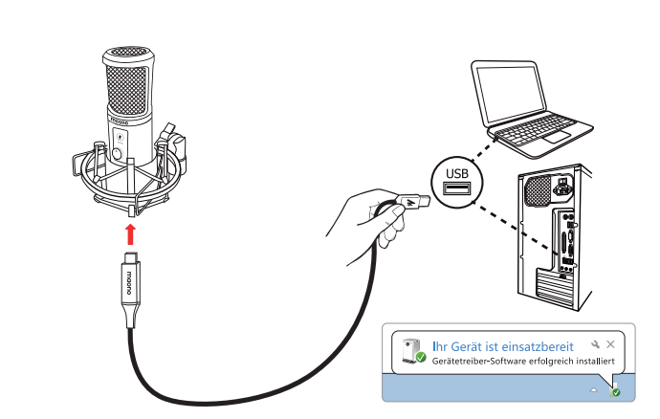
Installation-Schnellanleitung



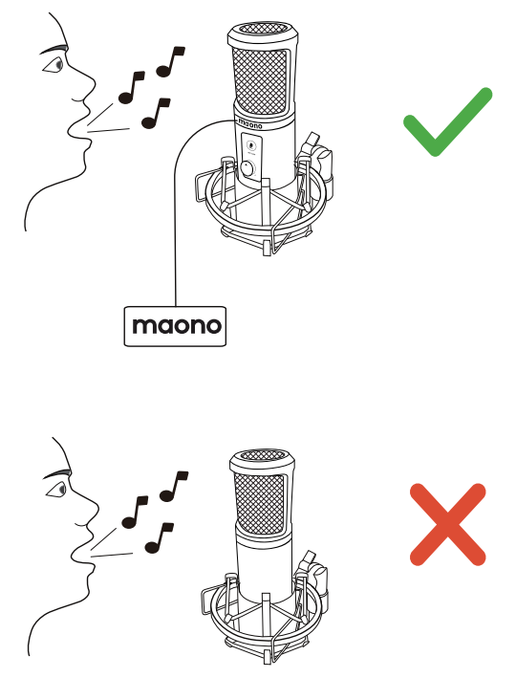
Installation-Schnellanleitung



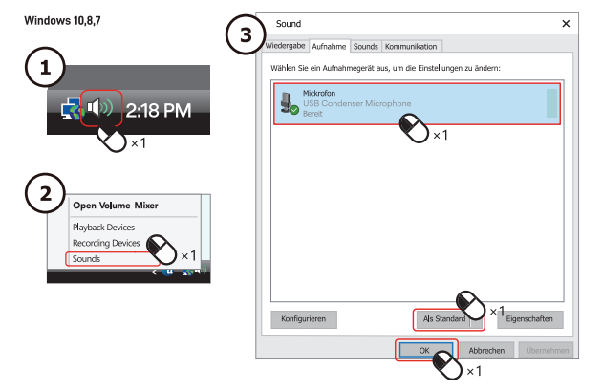
Verbinden mit Ihrem Computer


USB
Ihr Gerät ist einsatzbereit
Gerätetreiber-Software erfolgreich installiert

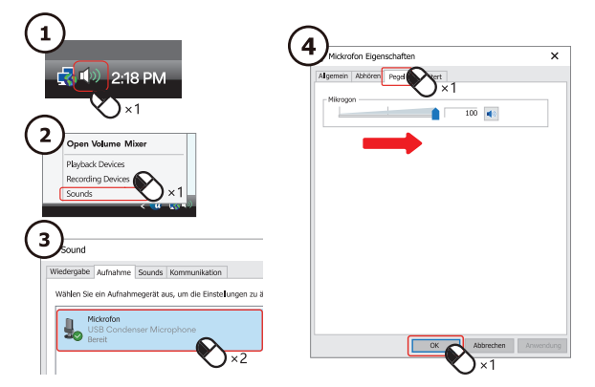
Platzierung des Mikrofons



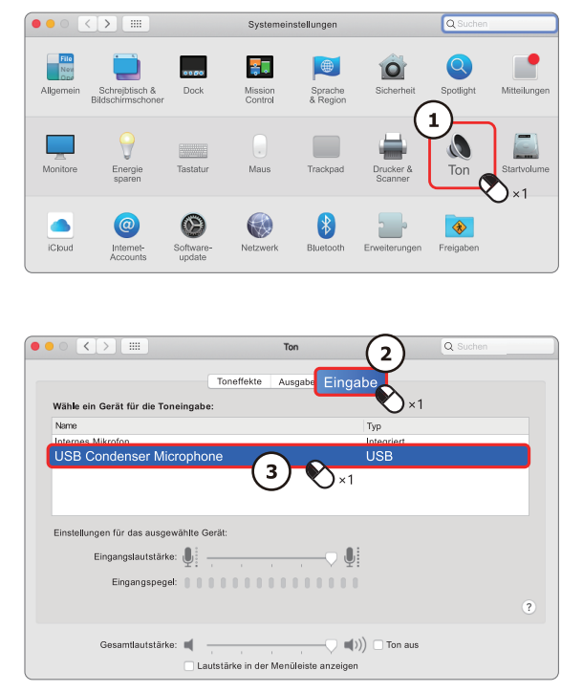
Windows-Einrichtungsleitfaden


Windows 10,8,7
① 2:18 PM ×1
② Open Volume Mixer
Playback Devices
Recording Devices
Sounds ×1
③ Sound ×1 ×1 ×1

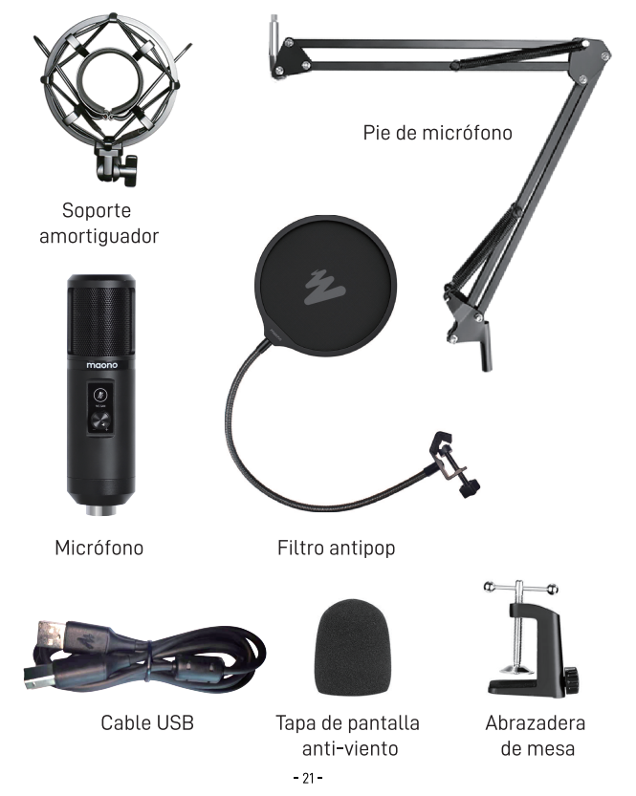
Einstellung des Mikrofonpegels


① 2:18 PM ×1
② Open Volume Mixer
Playback Devices
Recording Devices
Sounds ×1
③ Sound ×2
④ Mikrofon Eigenschaften ×1 ×1

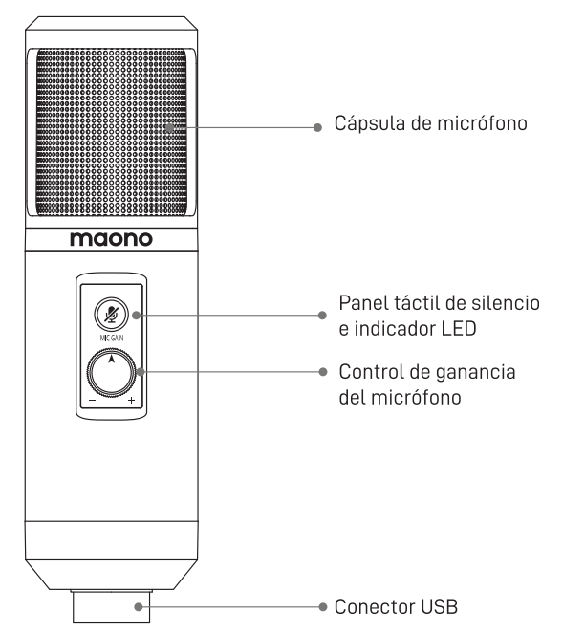
macOS-Einrichtungsleitfaden


Systemeinstellungen
① Ton ×1
Ton
Toneffekte
② Eingabe ×1
Wähle ein Gerät für die Toneingabe:
③ USB Condenser Microphone USB ×1
Einstellungen für das ausgewählte Gerät:
Eingangslautstärke:
Eingangspegel:
Gesamtlautstärke:
Ton aus
Lautstärke in der Menüleiste anzeigen

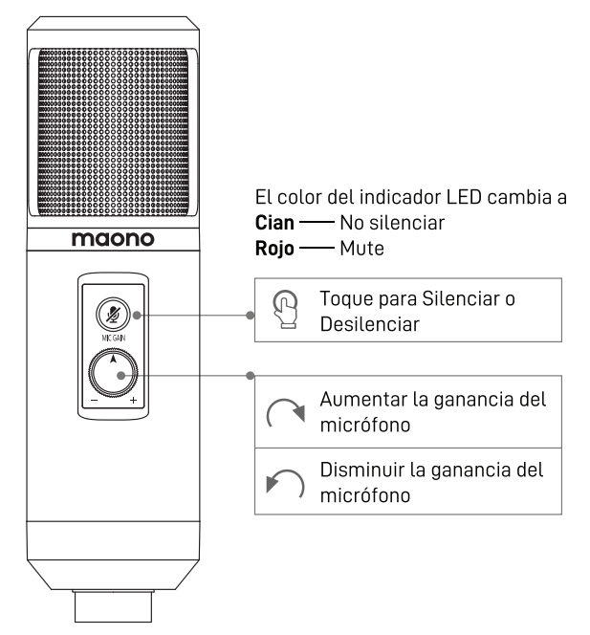
Introducción


Soporte amortiguador
Pie de micrófono
Micrófono
Filtro antipop
Cable USB
Tapa de pantalla anti-viento
Abrazadera de mesa

Visión General

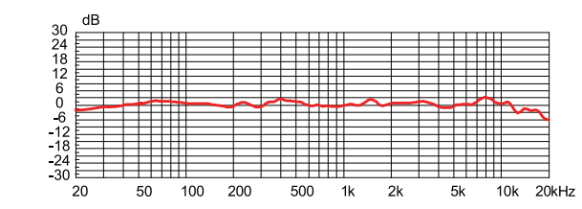

maono
Cápsula de micrófono
Panel táctil de silencio e indicador LED
Control de ganancia del micrófono
Conector USB

Funcionamiento

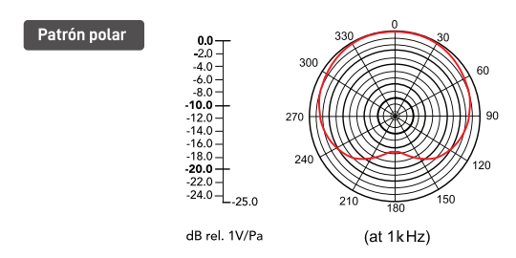

maono
El color del indicador LED cambia a
Cian —— No silenciar
Rojo —— Mute
Toque para Silenciar o Desilenciar
Aumentar la ganancia del micrófono
Disminuir la ganancia del micrófono

Especificaciones

Respuesta en frecuencia



Patrón polar



Patrón polar	Cardioide
Respuesta en frecuencia	20Hz - 20kHz
Sensibilidad	-47dB~-29dB,±3dB(0dB=1V/Pa a 1kHz)
Requisitos de potencia	USB (5 V CC)
Relación señal/ruido	74dB
SPL máximo	125dB
Control de silencio	Panel táctil
Ganancia del micrófono	Pomo
Indicador LED	Disponible
Cable USB	Cable USB A a B

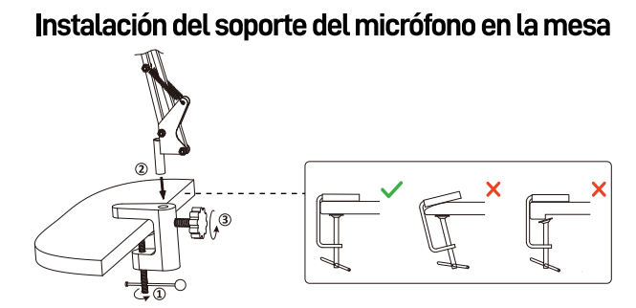
Descripción

Maono PM421 tiene un procesador de audio integrado con una alta frecuencia de muestreo. La salida USB permite conectarlo fácilmente a un ordenador. Puede utilizar cualquiera de sus programas favoritos para grabar música u otras fuentes de sonido digitalmente. El patrón polar cardioide graba audio nítido directamente delante del micrófono, al tiempo que rechaza los ruidos procedentes de otras direcciones. Tiene audio con calidad de estudio y es ideal para cantar, podcasting, doblaje y grabación en estudios caseros.

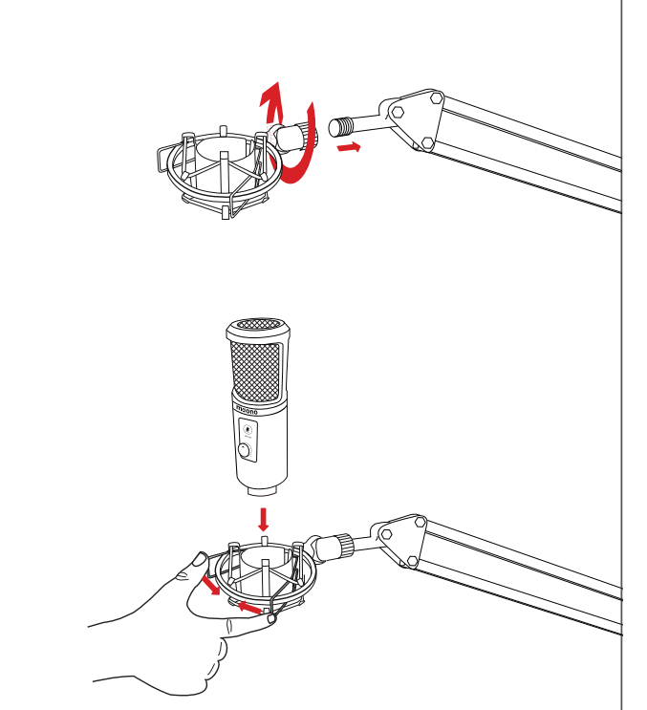
Características

- Cápsula de condensador chapada con patrón de captación cardioide
- Convertidor digital a analógico de alta calidad integrado
- Control de silencio táctil
- Plug-and-play, no requiere controlador
- Salida digital USB
- Compatible con Windows y macOS
- Incluye brazo de soporte, montura antivibración y filtro antipop

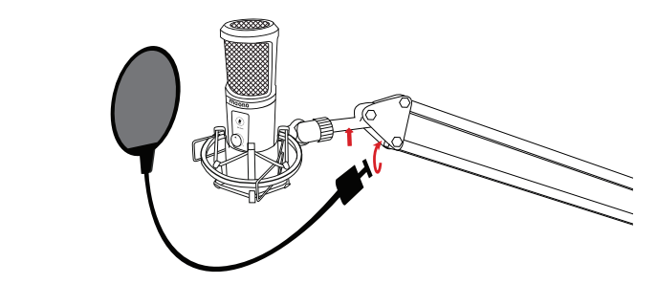
Instalación del soporte del micrófono en la mesa



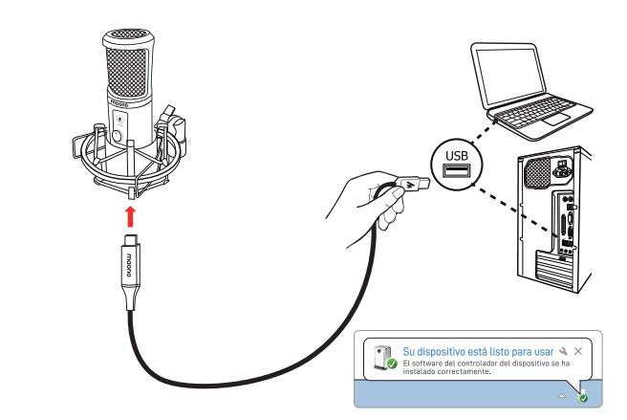
Guía rápida de instalación



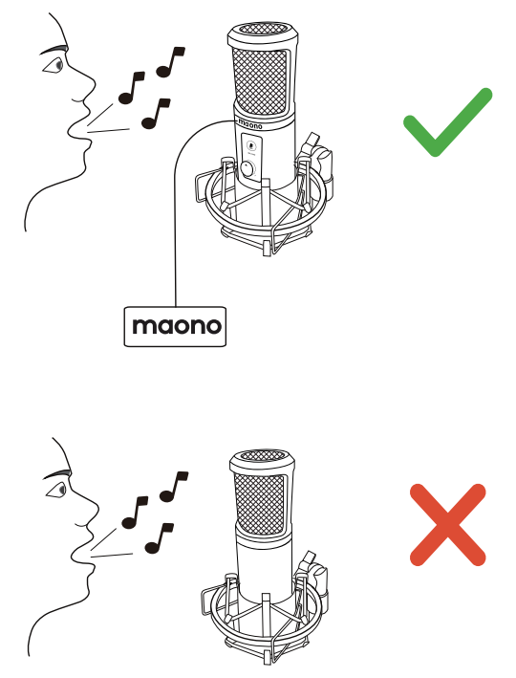
Guía rápida de instalación



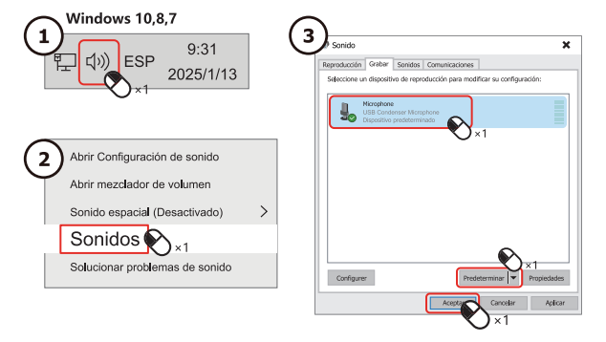
Conectar al ordenador


USB
Su dispositivo está listo para usar

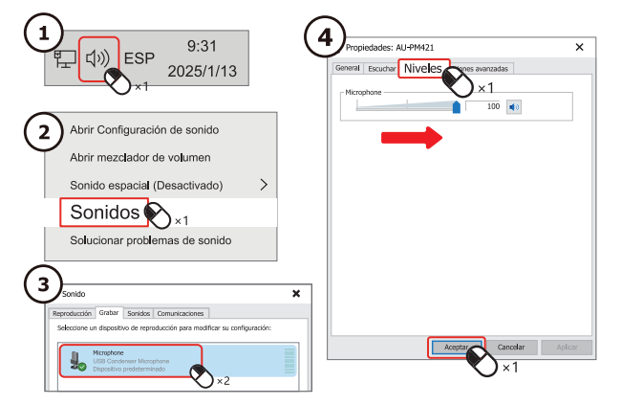
Colocación del micrófono



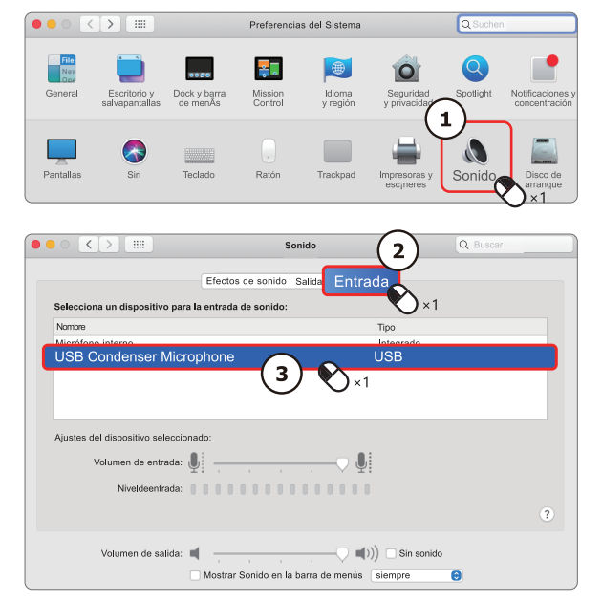
Guía de configuración de Windows


Windows 10,8,7
① 9:31 ESP 2025/1/13 ×1
② Abrir Configuración de sonido
Abrir mezclador de volumen
Sonido espacial (Desactivado)
Sonidos ×1
Solucionar problemas de sonido
③ Sonido ×1 ×1 ×1

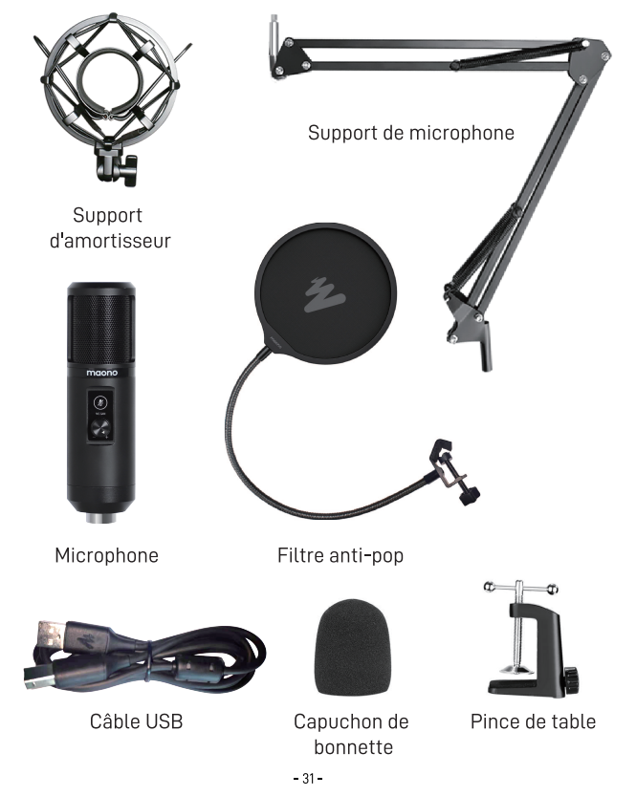
Ajuste del nivel del micrófono


① 9:31 ESP 2025/1/13 ×1
② Abrir Configuración de sonido
Abrir mezclador de volumen
Sonido espacial (Desactivado)
Sonidos ×1
Solucionar problemas de sonido
③ Sonido ×2
④ Propiedades: AU-PM421
Niveles ×1 ×1

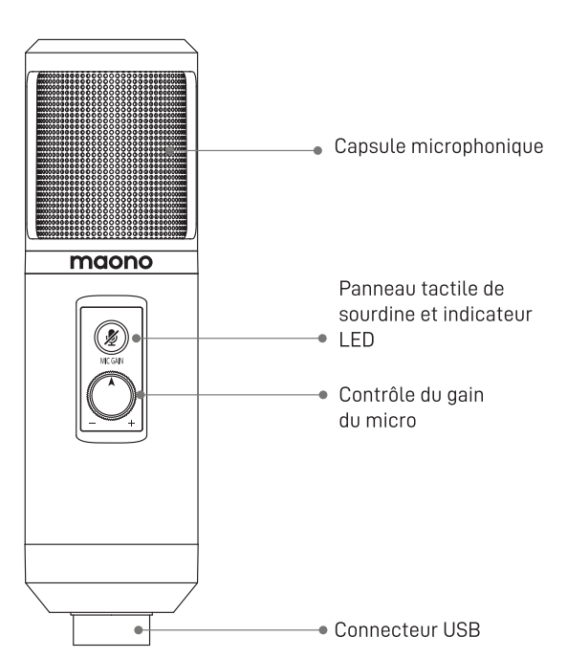
Guía de configuración de macOS


Preferencias del Sistema
① Sonido ×1
Sonido
Efectos de sonido
② Entrada ×1
Selecciona un dispositivo para la entrada de sonido:
③ USB Condenser Microphone USB ×1
Ajustes del dispositivo seleccionado:
Volumen de entrada:
Niveldeentrada:
Volumen de salida:
Sin sonido
Mostrar Sonido en la barra de menús siempre

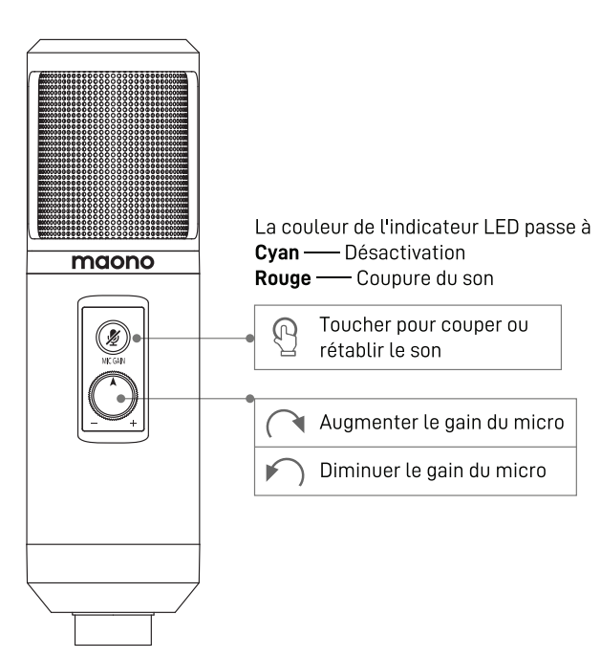
Introduction


Support d'amortisseur
Support de microphone
Microphone
Filtre anti-pop
Câble USB
Capuchon de bonnette
Pince de table

Vue D'ensemble


maono
Capsule microphonique
Panneau tactile de sourdine et indicateur LED
Contrôle du gain du micro
Connecteur USB

Fonctionnement


maono
La couleur de l'indicateur LED passe à
Cyan —— Désactivation
Rouge —— Coupure du son
Toucher pour couper ou rétablir le son
Augmenter le gain du micro
Diminuer le gain du micro

Spécification

Réponse en fréquence

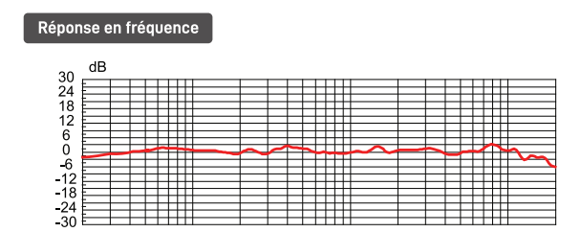


Diagramme polaire

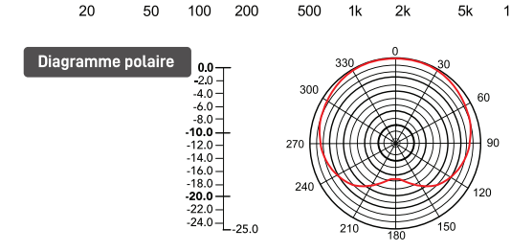


Diagramme polaire	Cardioïde
Réponse en fréquence	20Hz - 20kHz
Sensibilité	-47dB~-29dB,±3dB(0dB=1V/Pa à 1kHz)
Puissance requise	USB (5V DC)
Rapport S/B	74dB
SPL maximum	125dB
Commande de sourdine	Panneau tactile
Gain du microphone	Bouton
Indicateur LED	Disponible
Câble USB	Câble USB A à B

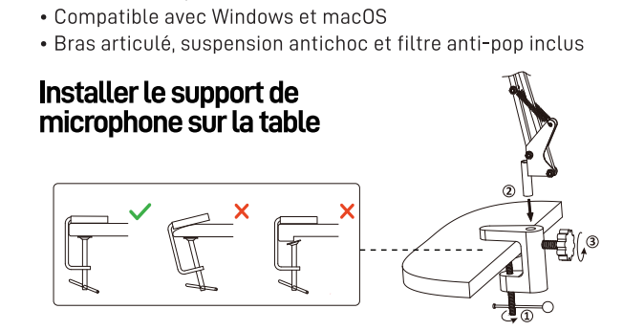
Description de l'appareil

Le Maono PM421 dispose d'un processeur audio intégré avec une fréquence d'échantillonnage élevée. La sortie USB permet de le connecter facilement à un ordinateur. Vous pouvez utiliser n'importe lequel de vos logiciels préférés pour enregistrer de la musique ou d'autres sources sonores sous forme numérique. La directivité cardioïde permet d'enregistrer un son clair directement devant le microphone tout en rejetant les bruits provenant d'autres directions. Il offre un son de qualité studio et est idéal pour le chant, le podcasting, le doublage et l'enregistrement en home studio.

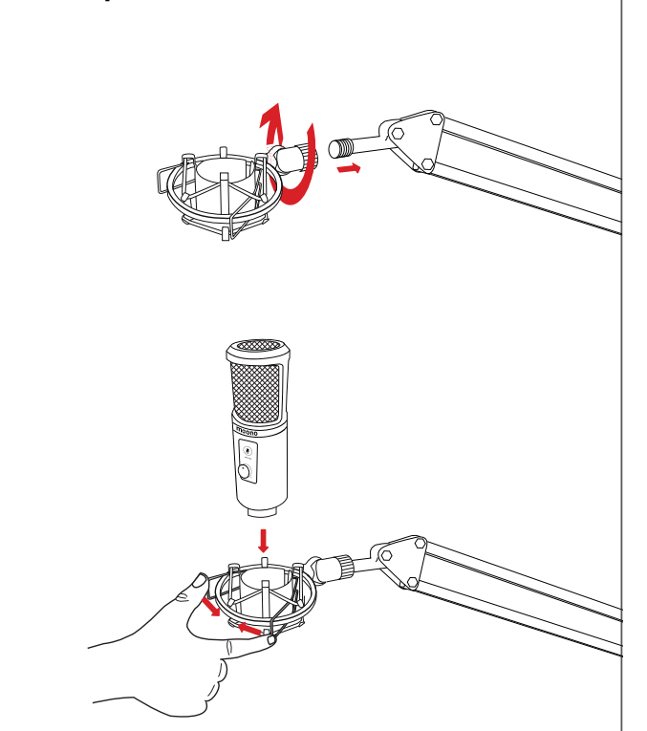
Caractéristiques

- Capsule à condensateur plaquée avec un motif de capture cardioïde
- Convertisseur numérique-analogique de qualité supérieure intégré
- Contrôle tactile pour la mise en sourdine
- Plug-and-play sans besoin de pilote
- Sortie numérique USB
- Compatible avec Windows et macOS
- Bras articulé, suspension antichoc et filtre anti-pop inclus

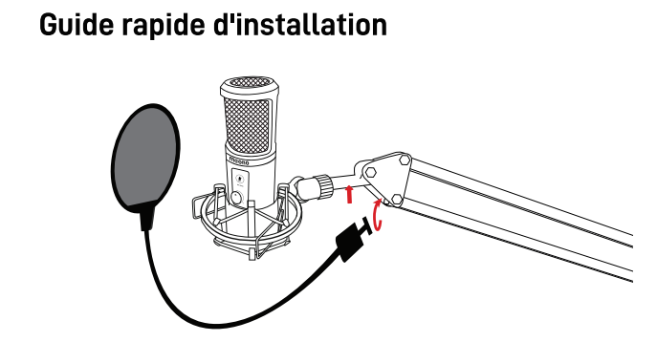
Installer le support de microphone sur la table



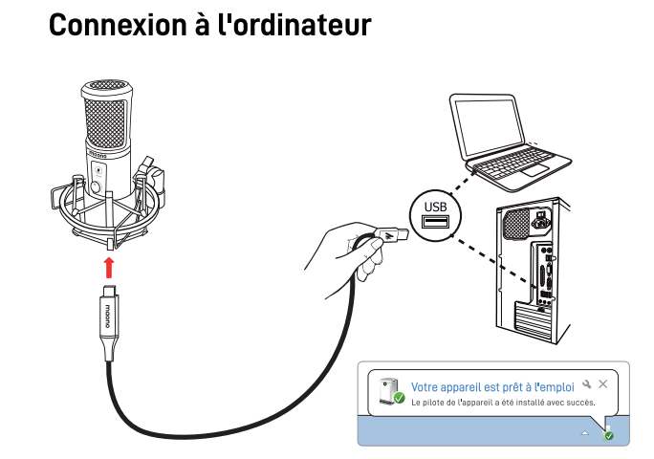
Guide rapide d'installation



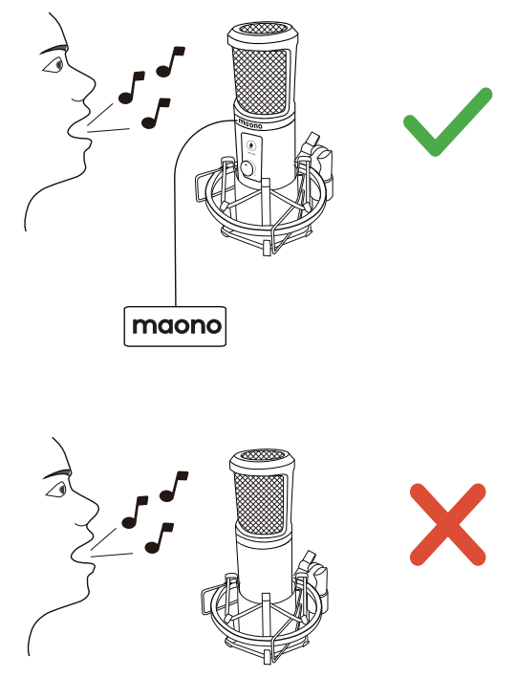
Guide rapide d'installation



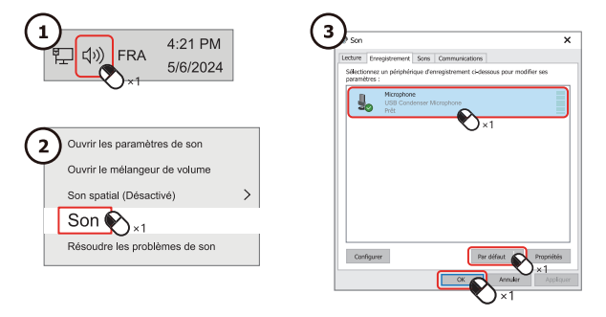
Connexion à l'ordinateur


USB
Votre appareil est prêt à l'emploi

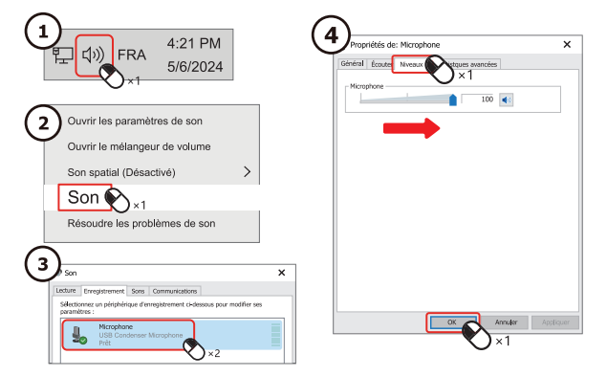
Placement du microphone



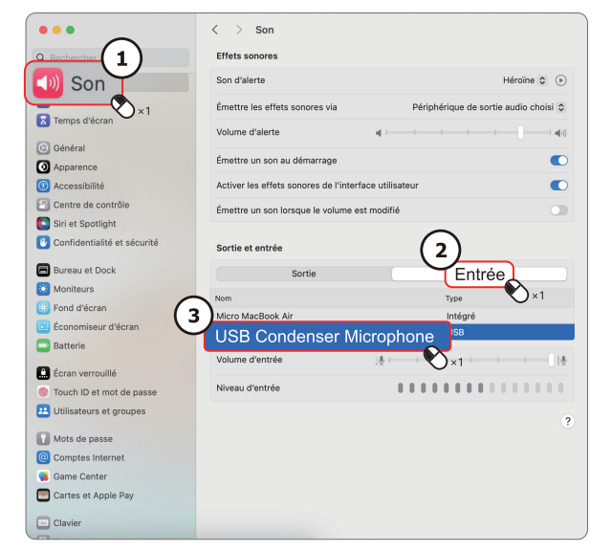
Guide de configuration pour Windows


Windows 10,8,7
① 4:21 PM FRA 5/6/2024 ×1
② Ouvrir les paramètres de son
Ouvrir le mélangeur de volume
Son spatial (Désactivé)
Son ×1
Résoudre les problèmes de son
③ Son ×1 ×1 ×1

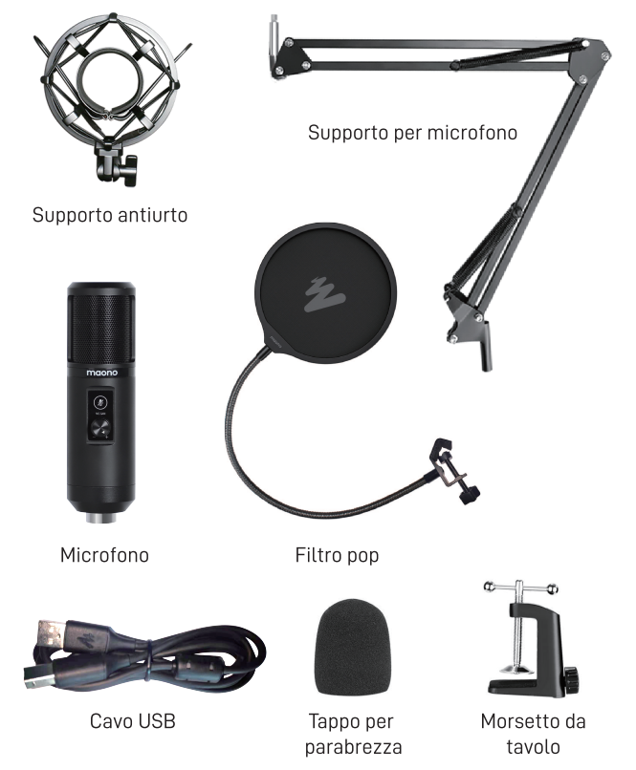
Réglage du niveau du microphone


① 4:21 PM FRA 5/6/2024 ×1
② Ouvrir les paramètres de son
Ouvrir le mélangeur de volume
Son spatial (Désactivé)
Son ×1
Résoudre les problèmes de son
③ Son ×2
④ Propriétés de: Microphone ×1 ×1

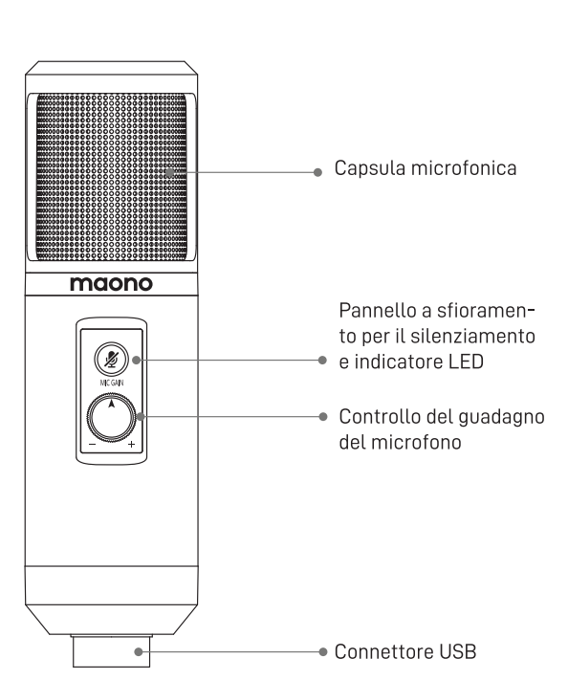
Guide de configuration pour macOS


① Son ×1
Son
Effets sonores
Sortie et entrée
Sortie
② Entrée ×1
③ USB Condenser Microphone ×1
Volume d'entrée
Niveau d'entrée

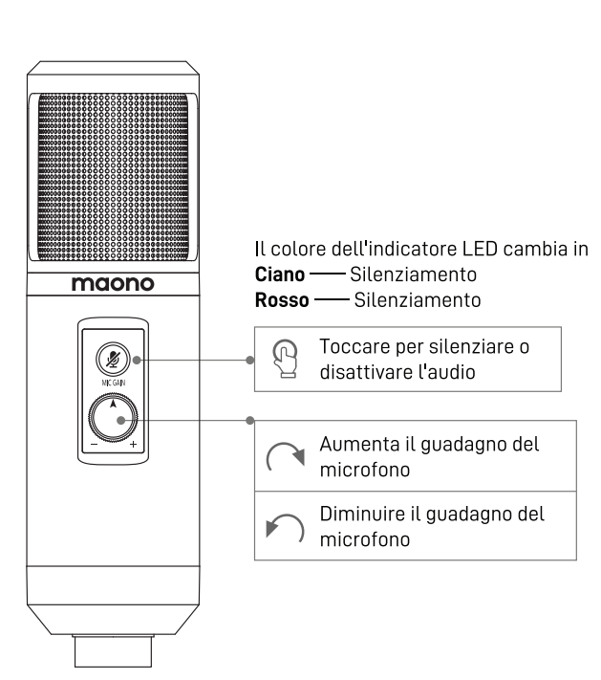
Introduzione


Supporto antiurto
Supporto per microfono
Microfono
Filtro pop
Cavo USB
Tappo per parabrezza
Morsetto da tavolo

Soprattutto

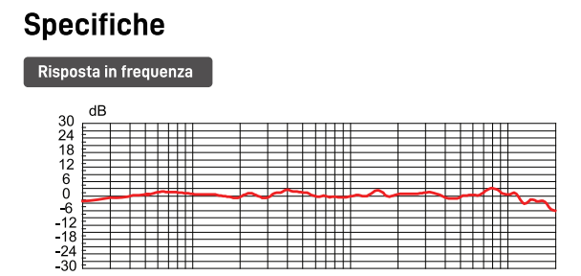

maono
Capsula microfonica
Pannello a sfioramento per il silenziamento e indicatore LED
Controllo del guadagno del microfono
Connettore USB

Funzionamento

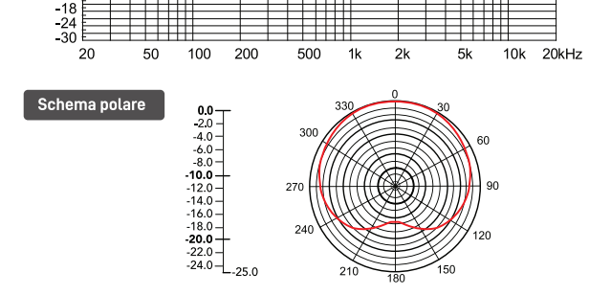

maono
Il colore dell'indicatore LED cambia in
Ciano —— Silenziamento
Rosso —— Silenziamento
Toccare per silenziare o disattivare l'audio
Aumenta il guadagno del microfono
Diminuire il guadagno del microfono

Specifiche

Risposta in frequenza



Schema polare



Schema polare	Cardioide
Risposta in frequenza	20Hz - 20kHz
Sensibilità	-47dB~-29dB, ±3dB (0dB=1V/Pa a 1kHz)
Requisiti di potenza	USB (5V DC)
Rapporto S/N	74dB
SPL massimo	125dB
Controllo del silenziamento	Pannello tattile
Guadagno del microfono	Manopola
Indicatore LED	Disponibile
Cavo USB	Cavo USB A-B

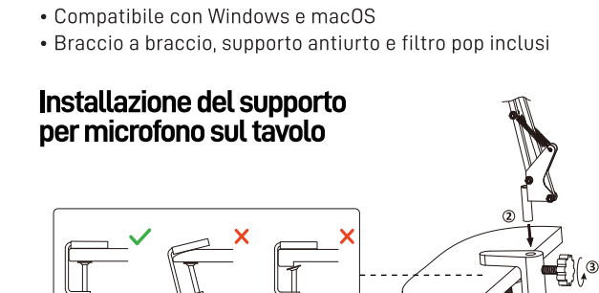
Descrizione del prodotto

Maono PM421 è dotato di un processore audio integrato con un'elevata frequenza di campionamento. L'uscita USB consente di collegarlo facilmente a un computer. È possibile utilizzare qualsiasi software preferito per registrare musica o altre fonti sonore in digitale. Lo schema polare cardioide registra un audio chiaro direttamente davanti al microfono, respingendo i rumori provenienti da altre direzioni. Ha una qualità audio da studio ed è ideale per il canto, il podcasting, il doppiaggio e la registrazione in studio.

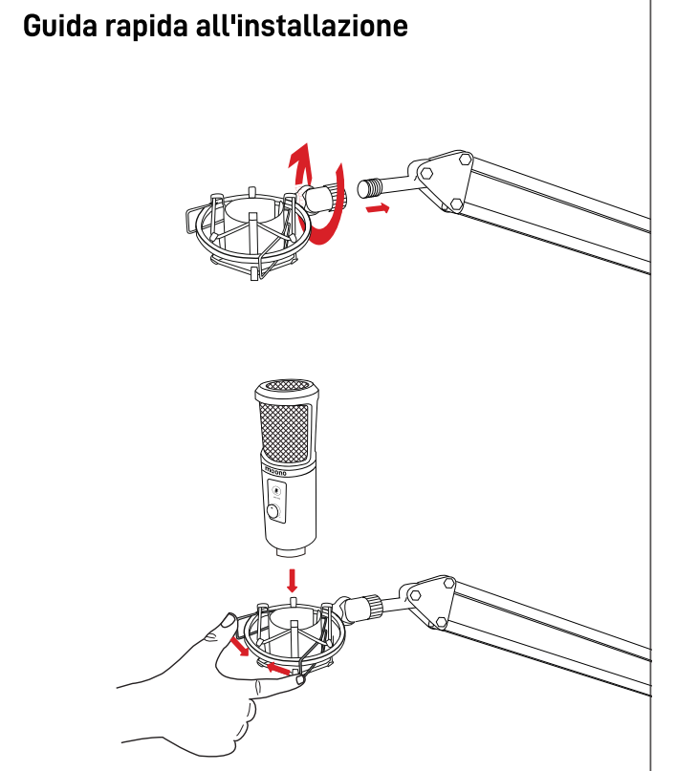
Caratteristiche

- Capsula a condensatore placcata con pattern di ripresa cardioide
- Convertitore digitale-analogico premium incorporato
- Controllo mute a sfioramento
- Plug-and-play senza bisogno di driver
- Uscita digitale USB
- Compatibile con Windows e macOS
- Braccio a braccio, supporto antiurto e filtro pop inclusi

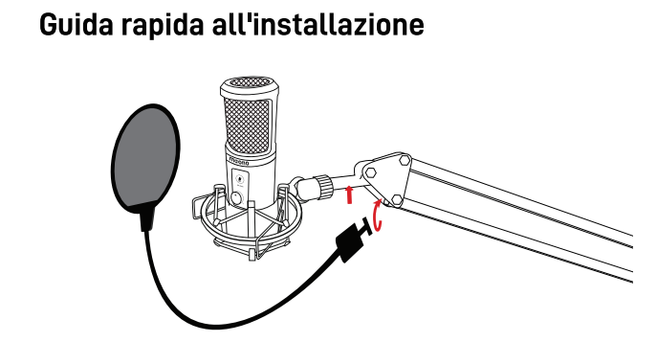
Installazione del supporto per microfono sul tavolo



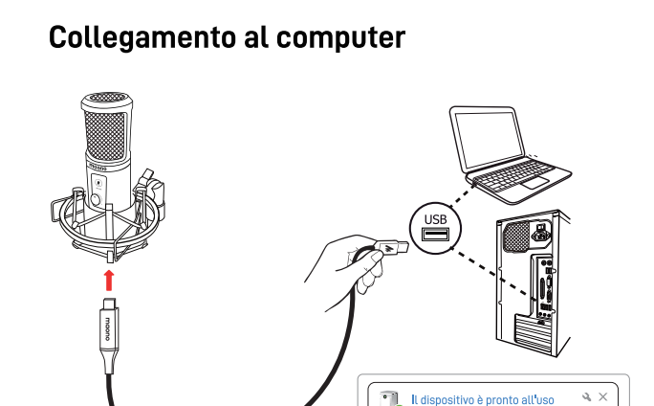
Guida rapida all'installazione



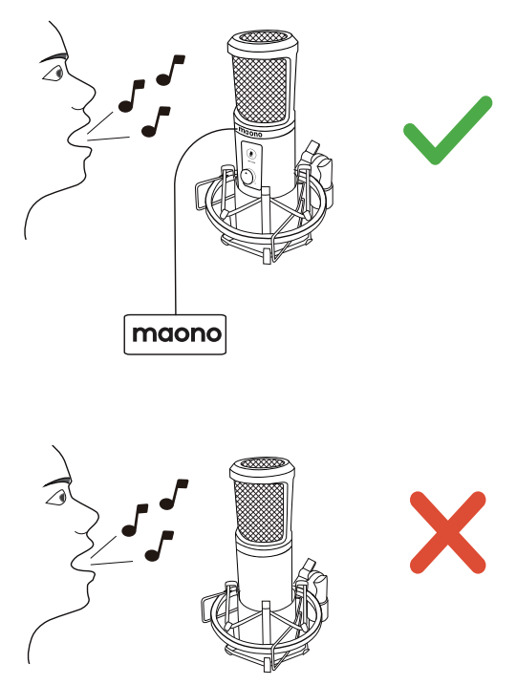
Guida rapida all'installazione



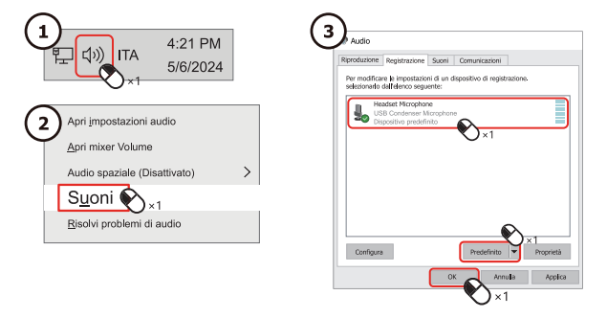
Collegamento al computer


USB
Il dispositivo è pronto all'uso

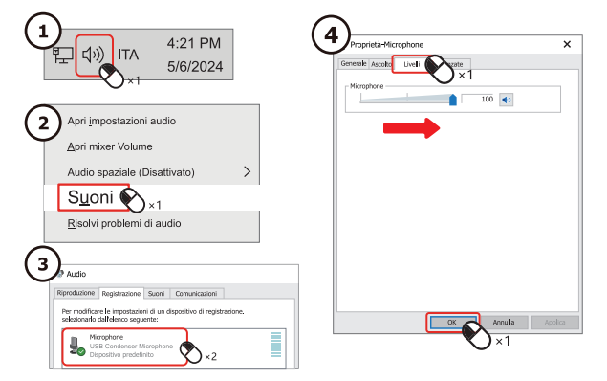
Posizione del microfono



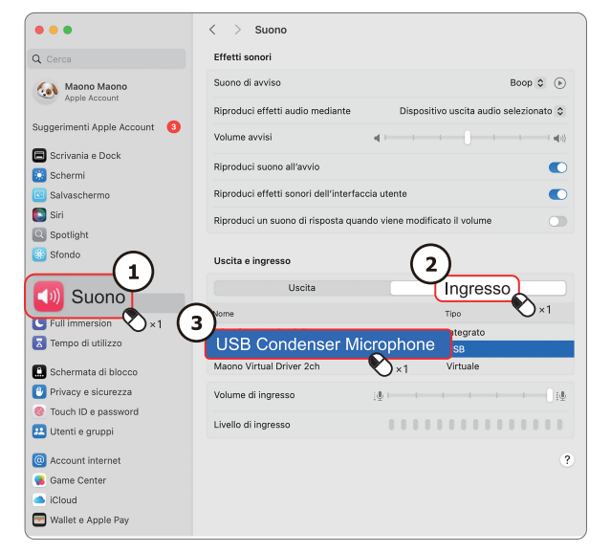
Guida alla configurazione di Windows


Windows 10,8,7
① 4:21 PM ITA 5/6/2024 ×1
② Apri impostazioni audio
Apri mixer Volume
Audio spaziale (Disattivato)
Suoni ×1
Risolvi problemi di audio
③ Audio ×1 ×1 ×1

Impostazione del livello del microfono


① 4:21 PM ITA 5/6/2024 ×1
② Apri impostazioni audio
Apri mixer Volume
Audio spaziale (Disattivato)
Suoni ×1
Risolvi problemi di audio
③ Audio ×2
④ Proprietà di Microfono ×1 ×1

Guida all'installazione di macOS


Suono
Effetti sonori
Uscita e ingresso
Uscita
① Suono ×1
② Ingresso ×1
③ USB Condenser Microphone ×1
Maono Virtual Driver 2ch
Volume di ingresso
Livello di ingresso

Safety Precautions

- To avoid personal injury or property damage caused by factors such as high temperature, noise, radiation, fire, and machinery, please use this product in a safe environment and carefully read and follow the following precautions.
- If the product overheats, emits smoke or strange odors during use, please turn off the power and unplug the power cord immediately, and send the product to the dealer for repair.
- Do not modify, disassemble or repair this equipment by yourself, so as not to invalidate the product warranty or cause personal injury. If necessary, please contact the dealer for assistance.
- This product should be used and stored in a dry, ventilated, and safe environment. Do not use this product in a damp or dusty environment.
- Avoid rainwater, dust entering the product and causing a short circuit; being close to a heat source, collision, or severe vibration may cause irreversible damage to the product.
- Do not use this product in situations where it is explicitly prohibited by law. Comply with relevant safety regulations and use this product safely to avoid accidents.
- This product is not a toy for children. Keep it out of the reach of children.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.
This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC Warning

This device complies with Industry Canada's licence-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil nedoit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
IC RF Statement:
When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.
Déclaration IC RF:
Lors de l'utilisation du produit, maintenez une distance de 20 cm du corps pour garantir conformité aux exigences d'exposition aux RF.