



# On-Air! Podcast Kit Instruction Manual

Model PCAST4



80 Little Falls Road, Fairfield, NJ 07004  
1-800-631-0868 • [www.HamiltonBuhl.com](http://www.HamiltonBuhl.com)



## ON-AIR! Podcast Kit

Making a great audio recording for a podcast is easy, if you have the right broadcasting equipment. HamiltonBuhl® has specially-designed the PCAST4 Podcast Kit to provide excellent sound quality for recording music, singing and podcasting needs.

### **This Kit consists of:**

#### **(1) USB Cardioid Podcasting Microphone with Desktop Stand**

This portable USB Multifunctional Microphone, excellent for voice and instruments, uses Cardioid polar patterns. This mic provides the versatility and flexibility needed to do quality broadcasts, from nearly any location, with clear, rich sound. Compatible with Windows or Mac.

- USB plug-and-play
- Rich, clear sound quality
- Cardioid polar pattern
- Microphone adjusts to any angle
- Gain Control Knob
- Removable base

#### **(1) Round Microphone Windscreen/Pop Filter**

This double-nylon layer Microphone Windscreen/Pop Filter provides noise-protection, helping you get better audio recordings. The 360° flexible gooseneck arm allows precise positioning and the swivel mount is easy to install.

- Windscreen diameter: 5.9"
- Gooseneck Holder Length: 14.6"
- Adjustable C Clamp: affixes securely to the mic stand

#### **(1) Folding Sound Isolation Shield**

This Sound Isolation Shield makes clean, controlled, and noise-free recordings, reducing unwanted room noise. Great for home recording studios, podcasts, YouTube recordings, music recordings, and more. Compact, portable, lightweight, foldable design. Kit includes the stand and base for the Isolation Shield.

# In the Box



**(1) Folding Sound Isolation Shield**



**(1) Round Microphone  
Windscreen/Pop Filter**



**(1) Podcasting Microphone  
with Desktop Stand**



**(1) Rod and Base**



**(1) Nut**



**(1) Connector**  
(fits between the  
microphone and the  
support rod)



**(2) Washers**



**(1) Crossbar**



**(1) Nut**



**(1) Support Rod**

# Assembly

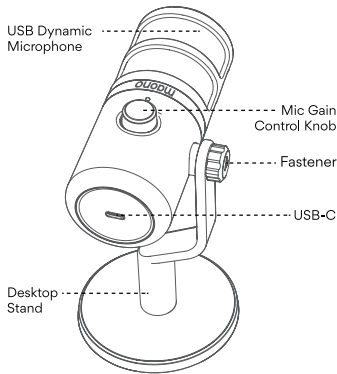
Use the diagram below to assemble your podcast system.



# USB Cardioid Podcast Microphone with Desktop Stand

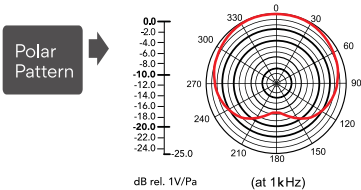
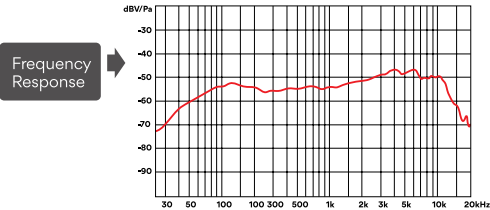


Microphone Adjusts to Any Angle; Includes Desktop Stand



## Specifications

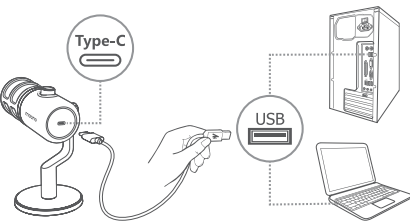
|                       |                        |
|-----------------------|------------------------|
| Microphone Type       | Dynamic                |
| Polar Pattern         | Cardioid               |
| Frequency Response    | 60Hz-14kHz             |
| Gain Range            | 0-28dB                 |
| Sensitivity           | -48dBFS@1kHz OdB=1V/Pa |
| SPL                   | 127dB SPL              |
| Sample Rate/Bit Depth | 192kHz/24bit           |
| Audio Output          | USB-C                  |



## Microphone Usage

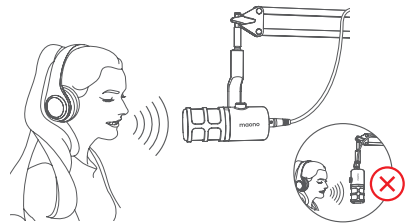
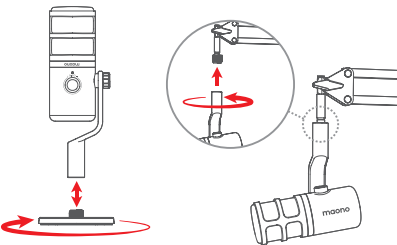
### Attach the microphone to a desktop stand.

1. Connect the microphone to a USB port device using USB-C cable. USB-C end connects to the microphone, the other end connects to device.
2. Ensure the microphone grill faces audio source.



### Attach the microphone to a boom arm.

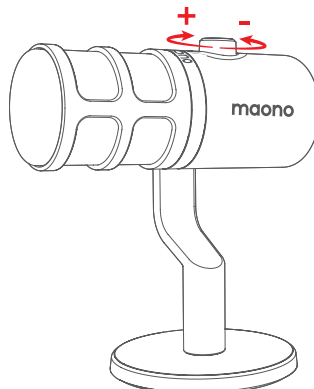
1. Turn the table stand clockwise to uninstall it.
2. Turn the microphone counterclockwise to install microphone to a boom arm.
3. Plug USB-C audio cable. Ensure the microphone grill faces audio source.



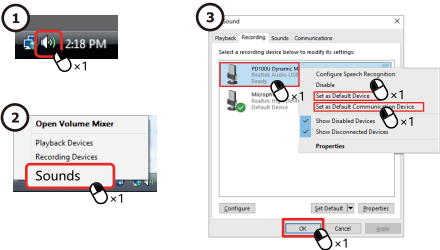
### Mic gain control knob

When you are using the microphone, please turn the knob to adjust microphone gain level from 0-28dB according to microphone distance.

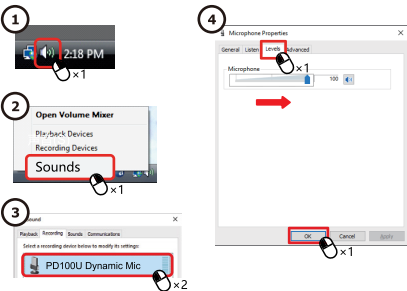
|  |                          |
|--|--------------------------|
|  | Increase microphone gain |
|  | Decrease microphone gain |



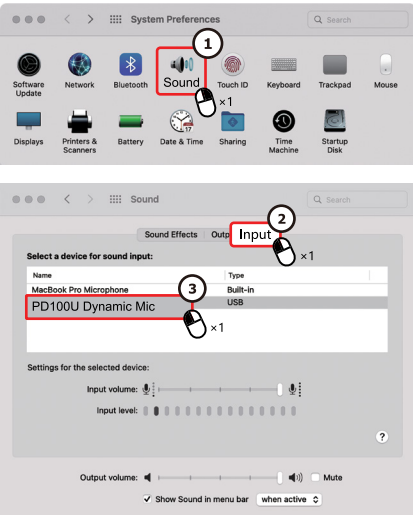
Windows Setup Guide



Microphone level setting



macOS Setup Guide



# Product Registration Instructions

**Visit: [www.HamiltonBuhl.com](http://www.HamiltonBuhl.com)**

1. Click on Customer Care
2. Click on Product Registration Form
3. Please fill out all fields marked with \* to register your product



## Warranty

Warranty begins the date item ships from our warehouse. All products have a one year warranty from original date of shipment, unless otherwise noted.



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