On-Air! Podcast Kit Instruction Manual

with Multifunctional Microphone
Model PCAST4

Hamilton Buhl
Never-Ending Learning Innovation

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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 Omnidirectional/Cardioid Podcasting Microphone with Desktop Stand

This portable USB Type-C Multifunctional Microphone, excellent for voice and instruments, has a built-in switch for Omnidirectional and 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
- Omnidirectional and cardioid option
- Microphone adjusts to any angle
- Headphone Volume Control Knob
- 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) Washer

(1) Crossbar

(1) Nut

(1) Support Rod

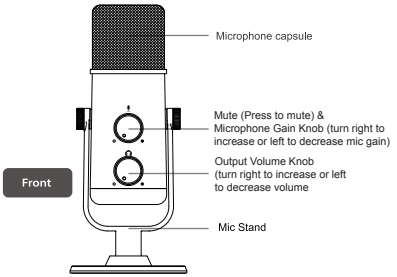
Assembly

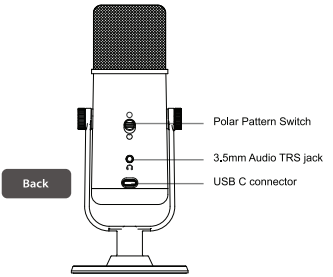
Use the diagram below to assemble your podcast system.

Clamp the Pop Filter to the Base as shown.

USB Omnidirectional/Cardioid Podcast Microphone with Desktop Stand

Microphone Adjusts to Any Angle; Includes Desktop Stand

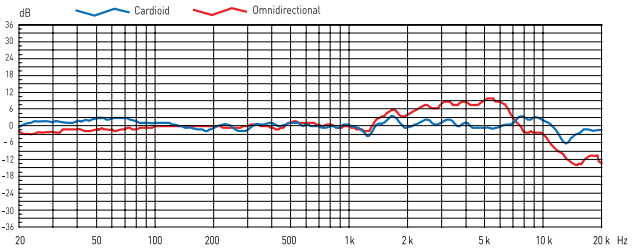




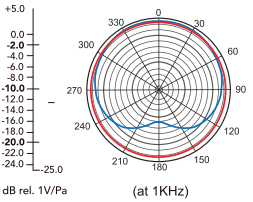
Microphone Specifications

Microphone Core	Condenser Diameter 0.55" x 2	Maximum SPL	110dB
Polar Pattern	Cardioid/Omnidirectional	S/N Ratio	70dB
Frequency Response	20Hz~20KHz	Sampling Rate	44.1kHz/48kHz; 16 bit
Sensitivity	-35dB ±3dB (0dB=1V/Pa at 1kHz)	Cable	3' USB A to C Cable

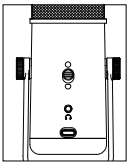
Frequency Response



Polar Pattern



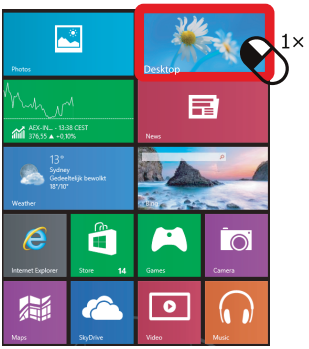
Connecting to Computer/Computer Settings



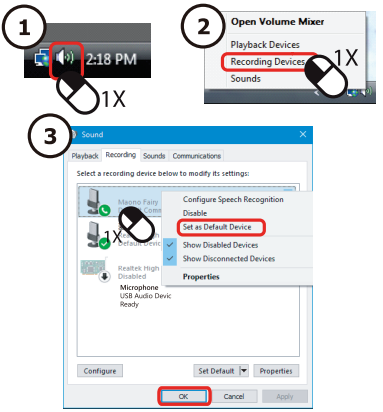
Symbol	Sound Direction	Polar Pattern	Use Scenarios
		Omnidirectional	Multi-person podcasts, internet conference
		Cardioid	Streaming, Podcasts voiceovers, studio recording

Microphone Input

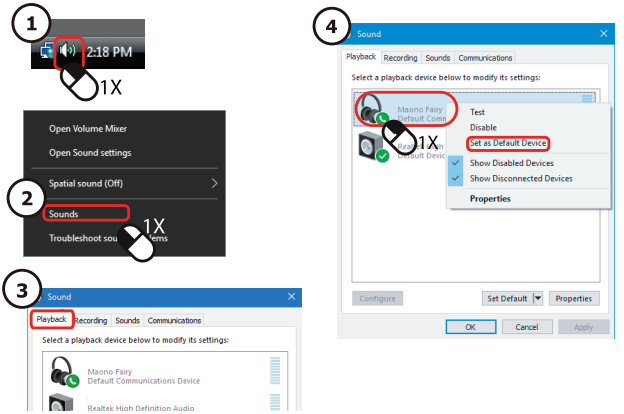
Windows 8
start here



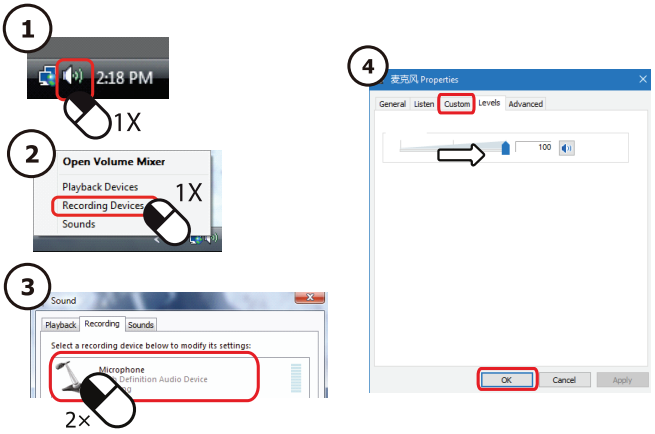
Windows 10, 8, 7



Playback Settings

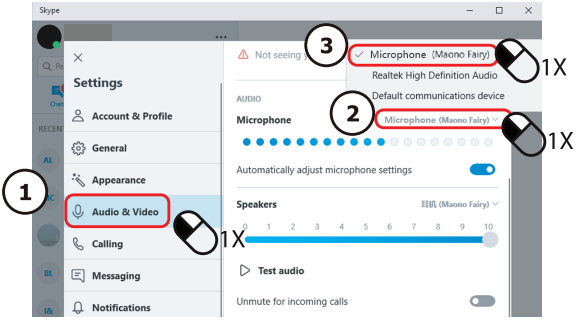


Microphone Settings



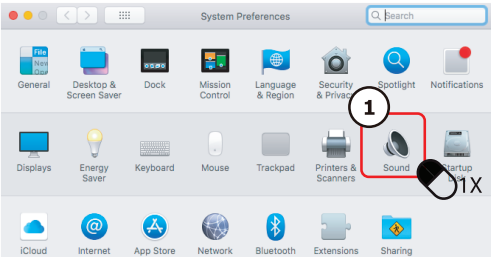
Application Settings

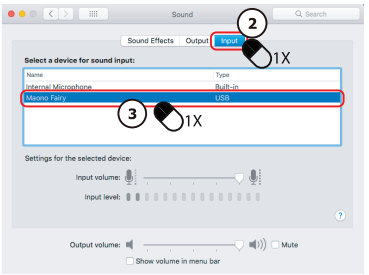
Example: SKYPE. Enter in sequence: 1, 2, 3.



Using Fairy with Mac

Supports Mac OS 10.7.5 or later version, USB 2.0 or later.





Product Registration Instructions

Visit: 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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