

Δυναμικό μικρόφωνο MAONO PD200WS (μαύρο)

Maono · EAN 6972237684121

Machine translation from Polski. In case of doubt the manufacturer's original document prevails.

User Manual

Wireless Dynamic Microphone PD200W

Maono ['manoʊ], meaning "VISION" in Swahili, is the world's number 1 brand of online microphones, with products sold in 153 countries. With a beautiful vision of becoming a leading global brand of online audio products offering enjoyable sound experiences, Maono continuously collaborates with audio professionals, influencers, and users to create the best microphones and audio products in the world.

Version with BA37 Microphone Arm

USB-C Receiver ×1

(Note: supports USB/XLR receivers for cameras and USB A&C to USB C Lightning, which must be purchased separately.)

Dynamic Microphone ×1

2-in-1 Cable ×1

Microphone Suspension Bands ×2

(Refer to the instructional video regarding replacement)

2-in-1 Adapter Cable ×1

User Manual ×1

Boom Arm ×1

Boom Arm Base ×1

- 1 -

Desktop Version

USB-C Receiver ×1

(Note: supports USB/XLR receivers for cameras and USB A&C to USB C Lightning, which must be purchased separately.)

Dynamic Microphone ×1

2-in-1 Cable ×1

Microphone Suspension Bands ×2

(Refer to the instructional video regarding replacement)

2-in-1 Adapter Cable ×1

User Manual ×1

Tripod Pole ×1

Tripod Base ×1

- 2 -

Product Overview

Microphone PD200W

Microphone Gain and Headphone Volume

Mute Button

XLR Output

3.5 mm Headphone Jack

Windshield

Power On/Off (hold for 2 seconds)

Light Ring

USB-C Knob

RGB Light Ring

Shock Mount

USB-C Receiver

TX1 Microphone Noise Reduction Indicator

USB-C Charging Port

TX2 Microphone Noise Reduction Indicator

Noise Reduction On/Off

- 3 -

Note:

1. Can be connected to devices such as mobile phones/tablets/computers/action cameras with USB-C ports.
2. If some Android phones cannot connect to the receiver, please enable the OTG switch in the phone settings before connecting.
3. The USB-C charging port of the receiver supports external chargers, allowing simultaneous charging and usage.

Lightning Receiver

TX1 Microphone Noise

USB-C Charging Port

TX2 Microphone Noise Reduction Indicator

Noise Reduction On/Off

Please note: the Lightning receiver must be purchased separately.

Note:

1. Can be connected to devices such as iPhone 7, iPhone 8, iPhone XS, iPhone 11, iPhone 12, iPhone 13 Pro, iPhone 14, iPhone 14 Pro, and other Apple phones/tablets with a Lightning interface.
2. The USB-C charging port of the receiver supports external chargers, allowing simultaneous charging and usage.

Power Button

Camera Receiver (Long press for 2 seconds)

(On/Off)

Mono/Stereo/Safe Switch

3.5 mm Audio Output Jack (connected to the camera microphone input)

USB-C Charging Port

Audio Output Jack

Rear Mount (can be attached to the hot shoe)

Please note: the camera receiver must be purchased separately.

Note: 1. The camera receiver can connect to a phone or computer only via the USB-C port. The USB-C charging port only supports connecting a charger to charge the RX receiver and allows charging during operation. 2. The camera receiver has a built-in battery. A full charge takes about 1.5 hours and allows for up to 8 hours of operation.

- 4 -

Fits BA37 Microphone Arm

Microphone Mounting Connector

(5/8" to 3/8" Thread Adapter)

Boom Arm Knob

Base Knob

Boom Arm Base

Boom Arm Clamp Crossbar

- 5 -

Usage with Desktop Stand

Microphone Mounting Connector

Adjustable Knob

Stand Pole

Base Socket

Stand

- 6 -

Product Description

The Maono PD200W Wireless Dynamic Microphone is a next-generation dynamic microphone designed by Maono specifically for podcasting, lecturing, and live streaming.

It utilizes bidirectional wireless transmission technology, enabling high-quality audio transmission between the microphone and devices such as computers, smartphones, cameras, and gaming consoles. The wireless configuration frees users from cable clutter, providing more flexible recording while maintaining the cleanliness and aesthetics of the desk. The microphone is offered with three optional types of receivers (to choose from at purchase): for cameras, smartphones, tablets, computers, and iOS devices — ensuring compatibility with a wide range of devices. It features a 3.5 mm headphone output for listening to audio from the computer or monitoring the microphone in real-time. The distinctive Maono smart knob allows for intuitive control of microphone gain and headphone volume. The one-touch mute button enables quick muting of sound to better protect the user's privacy. The microphone also offers multiple noise reduction options that users can freely adjust to their environment. The exclusive Maono Link software provides a variety of precisely tuned sound settings for different usage scenarios. With a single click in Maono Link, users can easily switch sound styles and achieve optimized audio quality for podcasting, voiceover, live streaming, gaming, YouTube videos, and more. By integrating Maono Link with Maono devices, every user can easily personalize their sound and simplify and streamline content creation. Product features

- Dynamic capsule • Cardioid directionality
- Wireless range 50 m • One-touch mute
- Programmable RGB lighting • Switchable real-time monitoring
- Microphone gain and headphone volume adjustment • Maono Link software support
- Compatible with cameras, smartphones, and computers • Windshield
- Shock mount included • Fully metal housing

Specification

Microphone type Dynamic

Directionality characteristic Cardioid

XLR input impedance $580 \pm 30\% \Omega$ at 1 kHz

Sensitivity USB: -7.0 dBFS (1 kHz 94 dB SPL 0.5 m) / XLR: -53.0 dBV (1 kHz 94 dB SPL 0.5 m)

Noise reduction Three levels: weak noise reduction, medium noise reduction, strong noise reduction

Max. SPL level 128 dB (0.5 m minimum gain & maximum volume THD 10%)

Frequency response 50-16000Hz

Adjustable gain range 0~+36dB

Monitoring sensitivity -8.0 dBV (1 kHz 94 dB VOL&GAIN max.)

Headphone jack monitoring 3.5 mm

Digital output USB C

Simulated output XLR

Headphone jack output impedance 32Ω

Battery 2600 mAh, 3.7 V (9.62 Wh)

Charging power supply USB C, 5V=1A max. Battery life Approximately 38 hours with RGB lighting on, 60 hours with it off

(Based on Maono laboratory tests)

Wireless operating range 60 m max. (in line-of-sight conditions, based on Maono laboratory tests)

Frequency response Directionality characteristic

12.5

10.0

7.5

5.0

2.5

0

-2.5

-5.0

-7.5

RMS level (dBFS)-10.0

-12.5

P

-17.5

-20.0

-22.5

-25.0

50 100 200 300 500 1k 2k 3k 5k 10k 20k k

Dynamic Frequency (Hz)

Cardioid

580±30% Ω at 1 kHz

USB: -7.0 dBFS (1 kHz 94 dB SPL 0.5 m) / XLR: -53.0 dBV (1 kHz 94 dB SPL 0.5 m)

Three levels: weak noise reduction, medium noise reduction, strong noise reduction
128 dB (0.5 m minimum gain & maximum volume THD 10%)
50-16000Hz

Installation and product usage

The microphone is mounted on the BA37 arm

1 2

To attach to some microphone stands and boom arms, it may be necessary to use the included thread adapter. 360°

The microphone is mounted on a desktop stand

1 2

To attach to some microphone stands and boom arms, it may be necessary to use the included thread adapter.

- 10 -

Microphone Button Functions

· Mute Button

Control Operation Function Indicator

Mute

Press Red

Turn off Mute light

turns off

Note: The mute function is not available in XLR mode.

· Microphone Gain, Headphone Volume, and Noise Reduction

Control Color Operation Function Indicator

Increase Gain

Turn Microphone

Gain Decrease Gain

Microphone Turn Microphone

Switch Mode

Press briefly

Increase

Turn Headphone

Volume Decrease

Volume Turn Volume

3s Turn on Noise Off Low Level

Reduction Reduction and adjust

Reduction the reduction level,

Press and hold by turning the knob. High Level Medium Level

Note: The brighter the light, the higher the adjustment value.

- 11 -

· Power

Control Button Operation Function Indicator

The light indicator on the knob

will light up when the power is turned on, and

2s Power the RGB ring will return to

on the previously set state. If

the device is not connected,

the light ring on the knob

will blink blue. 3s Power Lights off

off

· RGB Power On/Off Button

Control Button Operation Function RGB Light Ring Indicator

Mode

×1 Single-

color /

RGB /

· Microphone Port

Port Function Details Port Function Details

1. Charge the microphone; 3.5 mm Connect TRS or TRRS headphones to

USB-C Port 2. Connect to the device via cable and headphones monitor sound from the microphone or

use the microphone as an audio port playback from the computer. XLR Port Connect to an

XLR audio interface for output Note: In XLR mode, microphone gain, headphone volume,

microphone output. mute, knob backlighting, and

RGB lighting do not work and are not displayed.

- 12 -

· Wireless Pairing of Microphone and Receiver

Turn on the pairing function on the microphone and check the status of the receiver indicator. The procedure is as follows:

Microphone Button Operation Function Light Indicator of the Knob Ring

With the microphone off, press and hold Turn on Blue light will blink quickly the lower button for ≥ 6 seconds wireless to indicate pairing function

Receiver Operation Function Receiver Indicator

Insert the receiver into the device. Blue blinking – Original Mode Noise Reduction Mode (Automatic reconnection after

initial pairing.) Steady light – Paired Mute Mode

Note: 1. The microphone and receiver are factory paired. 2. The distance between the receiver and the microphone should be maintained within 2 meters; during pairing, there should be no other similar wireless microphones within 2 meters. Charging Status Power

standby Notes

Status indication

Charging Not fully Orange light

(On) charged blinks until fully

charged. Fully Orange /

charged light goes out

Charging Not fully Orange light

(On) charged blinks until fully

charged. Fully /

charged

Power Warning Power $>20\%$ /

Power $<20\%$ blinks twice every 15

to indicate low battery level. Note: 1. You can continuously check the battery level of the microphone using the Maono Link software. 2. Low battery reminder (charging) in the on state: when the charge level of the built-in battery drops below

20%, the power indicator blinks orange twice within 15 seconds, then returns to normal display mode, reminding

of low battery level every 15 seconds until the user charges the microphone or the device completely discharges and automatically turns off. 3. To maintain battery activity and prevent performance degradation due to prolonged inactivity, it is recommended to use wireless mode for at least 8 hours per month, which will help keep the battery in good condition for a long time.

- 13 -

USB-C receiver / Lightning receiver function

· Noise reduction button

Operation TX1/TX2 receiver status indicator Microphone knob status Note: 1. Factory set low noise reduction

Original mode Noise reduction noise; Press Off 2. When turning on or

Turning off noise reduction

Switching Noise reduction level 1 (weak) noise reduction noise in mute state,

between TX1/TX2 status indicators still

original Medium level show the effect

sound and Noise reduction level 2 (medium) noise reduction of lighting indicating

noise reduction Noise reduction level 3 (strong) High level mute. noise reduction 3. The noise reduction mode

has a memory function. Operation Function

2.5s Turning on/off the speaker Note: 1. The speaker is by default on from the factory. phone

2. This action will reconnect the app. Camera receiver button functions

· Mono/Stereo/Safe track switch

Audio channel settings: audio output can be set to Mono M, Safety Track Ms, or Stereo S mode by

sliding the switch. M Mono: This means that the output content of the left and right channels of the receiver is completely identical. Ms Safety Similar to the mono channel, the output volume of the right channel is 6

Track: dB lower than the left to prevent audio signal distortion. This means that the outputs of the left and right channels of the receiver correspond to

S Stereo: sounds from two audio sources Transmitter 1 and Transmitter 2, and their mutual assignment can be swapped. - 14 -

Note: 1. Some mobile phones do not support stereo input and may only operate in mono mode, not in stereo

or safe track mode. 2. If the camera receiver does not work when connected to some Android phones, turn on

the OTG switch in the phone settings before connecting. · Noise reduction button

Operation TX1/TX2 status indicator

Noise reduction level 1 (weak) Noise reduction level 2 (medium)

Press

Original mode Noise reduction level 3 (strong)

Note: 1. Factory set low noise reduction; 2. When turning on or off noise reduction in mute state, the TX1/TX2 status indicators

still show the effect of lighting indicating mute. 3. The noise reduction mode has a memory

function. Using with a computer

- Wireless mode

Note:

If you are using a computer,

you can directly

connect the USB-C receiver to

the USB-C port of the computer. When

the receiver blocks other

adjacent ports, use

a USB A/C extension cable with an adapter. - 15 -

- Wired mode

Your device is ready to use

The device driver software has been successfully installed. Using a mobile phone

- Wireless mode

Note:

Android phones,

iPhone 15 and newer models

can connect directly to

the USB C receiver. - 16 -

- Wired mode

Using the camera receiver

Note:

Can be connected to

devices with a 3.5 mm TRS jack, such as

cameras, mixers, etc. - 17 -

Connect the microphone to the audio interface

Connect the microphone to the audio interface using an XLR-XLR cable. Connect

headphones to the headphone jack

of the audio interface if you want to use

headphones. Connect headphones to

the headphone jack of the audio interface if you want to use headphones. Directional microphone

Make sure the microphone grille is pointed towards the sound source.

- 18 -

Windows System Settings Guide

Microphone Level Settings

Sound

Microphone Properties

Playback

Recording Sounds Communication

14:18 General Listen Levels Advanced

Select the recording device below to modify its settings: 14:18 ×1

Microphone

×1 Microphone ×1 100

Wireless Microphone Receiver Maono

Ready

×1 Open Volume Mixer

Open Volume Mixer Playback Devices

Playback Devices Recording Devices

Recording Devices Sounds

Sounds ×1 ×1

Sound

Playback

Recording Sounds Communication

×1 Select the recording device below to modify its settings:

Configure Set as Default Properties Microphone

OK Cancel Apply Wireless Microphone Receiver Maono

Ready OK Cancel Apply

×1 ×2 ×1

*Connect the microphone to the computer using a USB cable,
the microphone will be detected as “Maono PD200W Mic

macOS Settings Guide

Input

×1

Sound Wireless Microphone Receiver Maono

×1

×1

*Connect the microphone to the computer using

a USB cable, the microphone will be detected as

“Maono PD200W Mic USB”. - 19 -

“Maono Link” Guide

Maono Link is available for both Windows 10 version 1809 or newer and macOS 13.5 or newer. To download the software, visit <https://www.maono.com>

Settings are synchronized in real-time between the hardware and the software. To enhance the user experience, the Maono Link software changes the interface and features as a result of version updates. Please refer to the latest version of the software released by Maono.

Recording Settings

Maono Link offers users a wide range of microphone sound-related features and rich DSP effect parameter settings to meet individual user needs for sound effects. With preset effects, users can quickly make personalized settings. Switching microphone sound effects with one click

Maono Link offers various carefully tailored scene sound effects, allowing users to change the microphone effect in different scenes with one click. Whether you are a beginner or a professional user, you can create your own personalized sound using the Maono Link software. - 20 -

Warnings and Safety Information

All information regarding product usage is included in the attached user manual. Before using the product, please read its contents and follow the manufacturer's recommendations. Also, familiarize yourself with the following information before use:

Usage Warnings

Risk of Device Damage:

- The gaming microphone should only be used for its intended purpose – for communication, voice recording, or other audio applications.
- Avoid getting the microphone wet with water or other liquids. In case of contact with liquid, immediately disconnect the device and dry it according to the manufacturer's instructions.
- Do not expose the microphone to extreme temperatures or direct sunlight to prevent damage to the components.

User Hazard:

- Avoid placing the microphone too close to the mouth to prevent damage to the microphone diaphragm and reduce the risk of sound distortion.
- In the case of models with RGB backlighting, do not look directly into the intense light for extended periods to protect your eyesight.
- Ensure that power and connection cables are

properly secured and not placed in areas where they may be accidentally damaged.

Compatibility risks:

- Before connecting the microphone, ensure that the computer, console, or other device is compatible with the microphone and its software.
- If the microphone is equipped with a wireless function, ensure that it operates within the recommended Bluetooth or Wi-Fi range.

Information on proper usage

Preparation and setup:

- Before first use, install the software provided by the manufacturer if the microphone requires it to adjust sound settings, sensitivity, and backlighting.
- Place the microphone on a stable stand or arm to prevent it from tipping over during use.
- Ensure that the microphone is properly connected to the USB port or audio jack.

Safe usage:

- Regularly clean the microphone, especially the protective mesh, to remove dust and debris that may affect recording quality.
- Use the microphone in a properly ventilated room to avoid overheating the device during prolonged use.

Additional precautions

- Cleaning and maintenance: Use a soft, dry cloth or a gentle brush to clean the microphone. Avoid using strong chemicals that may damage the finish.
- Cable management: If the microphone is wired, carefully arrange the cable to avoid tangling or damage. For USB microphones, avoid repeatedly connecting and disconnecting the cable in a short period.
- Storage: After use, disconnect the microphone and store it in a dry place, free from dust and moisture.

Compliance statement

The gaming microphone has been designed in accordance with the safety requirements specified in Regulation (EU) 2023/988. It meets the requirements for electromagnetic compatibility (EMC) and user safety.

Environmental protection

Waste electrical and electronic equipment marked in accordance with the European Union directive must not be disposed of together with other municipal waste. It is subject to selective collection and recycling at designated points. By ensuring its proper disposal, you prevent potential negative consequences for the natural environment and human health.

The waste collection system complies with locally applicable environmental protection regulations regarding waste disposal. Detailed information on this can be obtained from the municipal office, cleaning facility, or the store where the product was purchased. The product meets the requirements of the so-called New Approach directives of the European Union (EU) concerning issues related to user safety, health protection, and environmental protection, identifying hazards that should be detected and eliminated. This document is a translation of the original user manual created by the manufacturer. Detailed information about the distributor/manufacturer warranty conditions is available on the website

<https://serwis.innpro.pl/gwarancja>

The product should be regularly maintained (cleaned) by the user or through specialized service points at the user's cost and responsibility. In the absence of information about necessary periodic or service maintenance actions in the user manual, the user should regularly, at least once a week, assess the deviation of the product's physical condition from that of a physically new product. If any deviation is detected or identified, immediate maintenance (cleaning) or service steps should be taken. Failure to perform proper maintenance (cleaning) and respond promptly upon detecting a state of deviation may lead to permanent damage to the product. The warranty provider is not responsible for damages resulting from negligence. Importer:

INNPRO Robert Błędowski sp. z o.o. Manufacturer

ul. Rudzka 65c Name: Shenzhen Maono Technology Co., Limited

44-200 Rybnik, Poland Country: China

tel. +48 533 234 303 Address: Bantian Street, Building 4, No. 1307 13th

hurt@innpro.pl Floor, Longgang Shenzhen

www.innpro.pl Email: support@maono.com

Safety measures

Before starting to charge, check that the device contacts are clean. Never leave the device unattended while in use and charging. Ensure that you can quickly disconnect the device from the power source in an emergency. Never expose the device to high temperatures.

Charge the device in a dry and well-ventilated area away from flammable materials, maintaining a minimum distance of 1m from other objects. Never cover the device while charging. Never use the power supply, charging station, cables, etc., without the manufacturer's recommendation and certification. Take care of your property; the device is equipped with cells that are difficult to extinguish, so equip yourself with a fire blanket. LI-ION Battery

The device is equipped with a LI ION (lithium-ion) battery, which, due to its physical and chemical structure, ages over time and with use. The manufacturer specifies the maximum operating time of the device under laboratory conditions, where optimal working conditions for the device exist, and the battery itself is new and fully charged. Actual operating time may differ from the declared specifications and this is not a defect of the device but a product feature. To maintain the maximum lifespan of the battery, it is not recommended to discharge it below 3.18V or 15% of total capacity. Lower values, such as 2.5V for the cell, permanently damage it and this is not covered by warranty. If the battery or the entire

device is not used for more than one month, the battery should be charged to 50% and its charge level should be checked periodically every two months. Store the battery and device in a dry place, away from sunlight and negative temperatures. LI-PO Battery

The device is equipped with a LI PO (lithium-polymer) battery, which, due to its physical and chemical structure, ages over time and with use. The manufacturer specifies the maximum operating time of the device under laboratory conditions, where optimal working conditions for the device exist, and the battery itself is new and fully charged. Actual operating time may differ from the declared specifications and this is not a defect of the device but a product feature. To maintain the maximum lifespan of the battery, it is not recommended to discharge it below 3.5V or 5% of total capacity. Lower values, such as 3.2V for the cell, permanently damage it and this is not covered by warranty. If the battery or the entire device is not used for more than one month, the battery should be charged to 50% and its charge level should be checked periodically every two months. Store the battery and device in a dry place, away from sunlight and negative temperatures. Product Battery Specifications

Feature Value

Product Code -

6972237684121

Battery Category Portable Battery

Battery Type Portable lithium-ion batteries (Li-Ion)

Contains Cadmium/Lead (>0.002% Cd, No
>0.004% Pb)

Net Weight (kg) 0.047

Capacity (mAh) 2600

Power (kWh) 0.0096