MIPRO®

User Guide

Headworn Microphone Series

MIPRO®
MICROPHONE PROFESSIONALS

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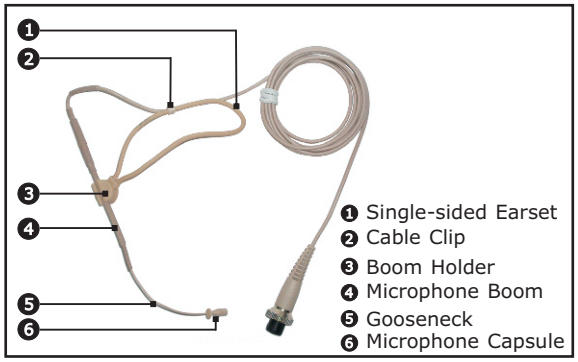
Part Names And Functions

MU-13

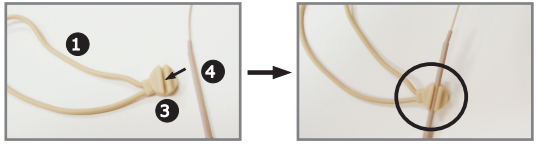


Parts

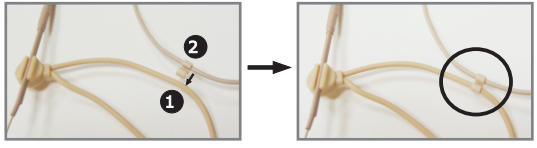
- MU-1FL: Large single-sided earset
- MU-1FM: Medium single-sided earset
- MU-1FS: Small single-sided earset
- Foam Windscreen
- MU-3M: Ultra-mini microphone capsule module
- Carrying Case
- User Guide

Assembly Illustrations of MU-13

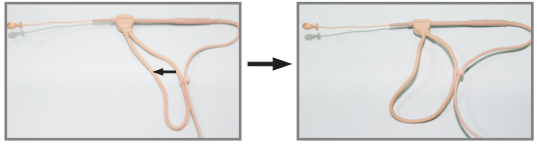
Select a suitable size of single-sided earset ❶ . Attach the microphone boom into the microphone boom holder.



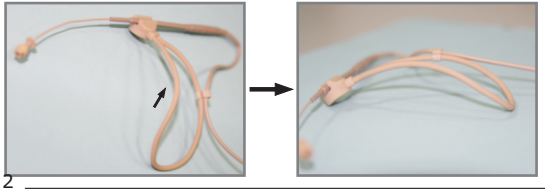
Clip the cable ❶ and earset ❷ together.



Widen and adjust the earset proportional to fit user's ear.

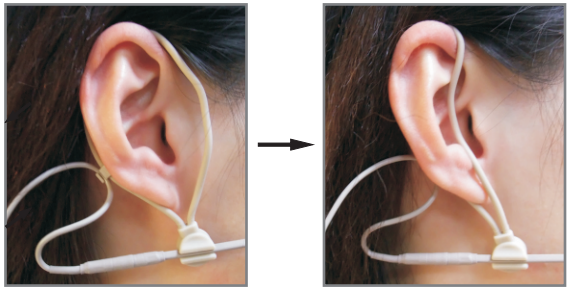


Bent inward to form an appropriate curvature.



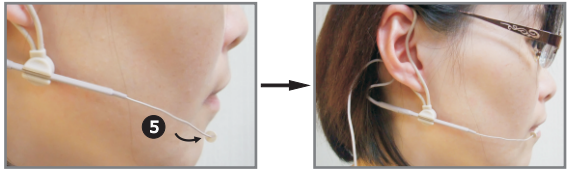
Wearing MU-13 Earset Microphone

Place the earset over your ear. Press against your earlobe and reshaped for a comfortable and snug feel. (Move your head up & down and sideway few times to ensure it is not loosely fitted)



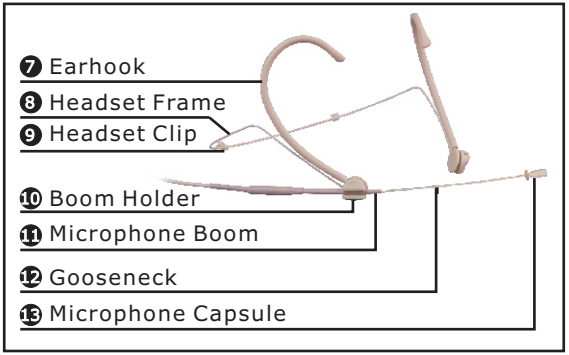
Adjustment of MU-13

For ideal location, position the microphone boom ❺ so the microphone is about 1cm of the corner of your mouth.



Part Names And Functions

MU-23

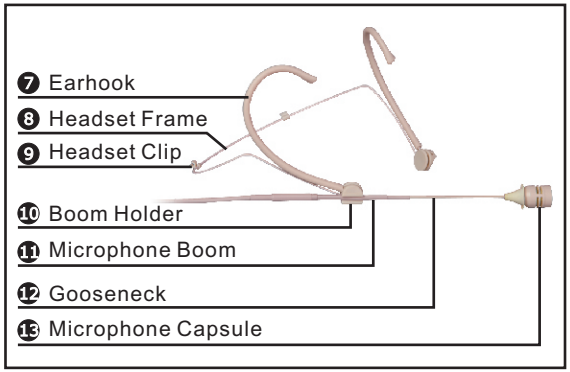


Parts

- MU-2FL: Large dual-sided headworn frame
- MU-1FM: Medium single-sided earset
- MU-1FS: Small single-sided earset
- Foam Windscreen
- MU-3M: Ultra-mini microphone capsule module
- Carrying Case
- User Guide

Part Names And Functions

MU-210

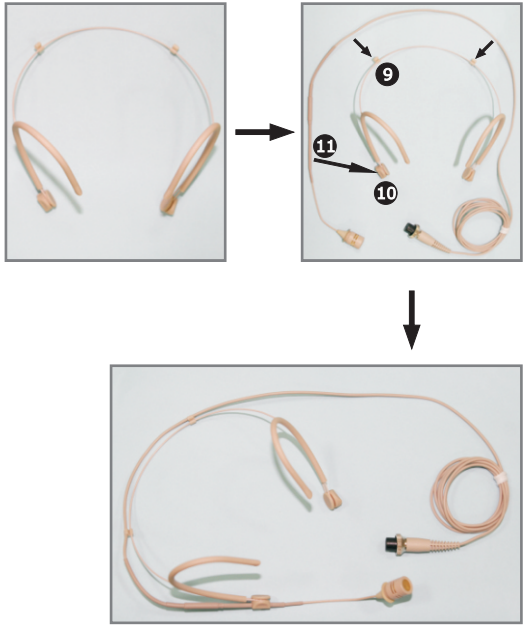


Parts

- MU-2FL: Large dual-sided headset frame
- MU-2FM: Medium dual-sided headset frame
- MU-2FS: Small dual-sided headset frame
- Foam Windscreen
- MU-10M: Uni-directional condenser capsule module
- Carrying Case
- User Guide

Illustration of MU-23/MU-210 Assemble

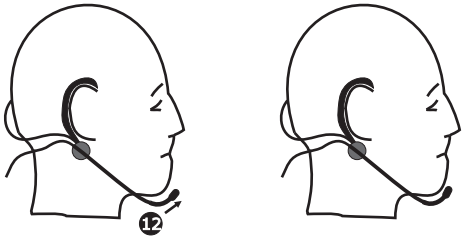
Select a suitable headset frame size. Attach the microphone boom 11 into the microphone boom holder 10. Insert the cable by clipping into the headset frame 9 (see diagram 1)



(Figure 1)

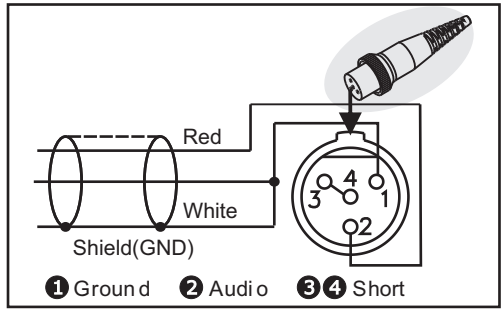
Adjustment of MU-23

For ideal location, position the gooseneck ⓬ so the microphone is about 1cm of the corner of your mouth.

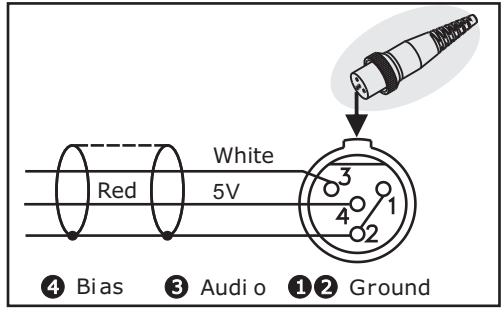


Illustrations

(2-Wire)

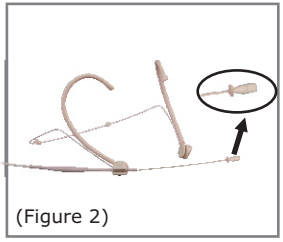


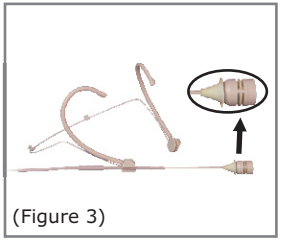
(3-Wire)



How to Obtain Ideal Sound Quality When Wearing Headworn Microphone?

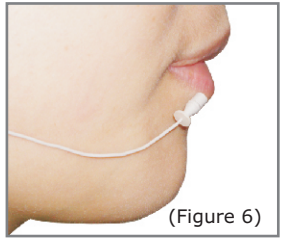
1. Position the microphone and boom so that the microphone is about 1.0 ~ 1.5cm (0.4 ~ 0.6-inch) of the right or left corner of your mouth to minimize breath or "popping" noise.
2. Omni-directional (Figure 2) and Uni-directional (Figure 3) types are available. Ideal way to wear "Omni" type is to have microphone capsule closer to the corner of the mouth with about 1.0 ~ 1.5cm away (see Figure 4 and 5) to minimize breath or "popping" noise for ideal sound quality. (See Figure 6).
3. "Uni" type is directional. During live performance , it has stronger bass sound and higher dynamic range, better suited for "music" effect. However ideal wearing position for Uni is more complicated than Omni. Apart from the sensitivity level changes due to distances away from mouth, it is more susceptible to the Proximity effect and popping noise. In theory, it is recommended to position uni-directional capsule in front of mouth for ideal sound quality. However this position is vulnerable to the problems of popping noise, and affects both types of capsules. In reality, the ideal wearing position for sound quality refers to picture 7 (about 45 degree angle and 1.0 ~ 1.5cm distance away from the edge of mouth).
4. Amplified system is recommended during sound check for adjusting the ideal microphone position.

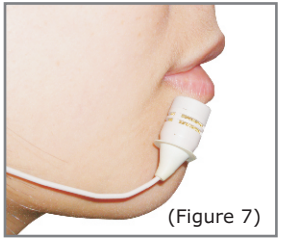

(Figure 2)


(Figure 3)


(Figure 4)


(Figure 5)


(Figure 6)


(Figure 7)

Disposal Dispose of any unusable devices or batteries responsibly and in accordance with any applicable regulations.

Disposing of used batteries with domestic waste is to be avoided!

Batteries / NiCad cells often contain heavy metals such as cadmium(Cd), mercury(Hg) and lead(Pb) that makes them unsuitable for disposal with domestic waste. You may return spent batteries/ accumulators free of charge to recycling centres or anywhere else batteries/accumulators are sold.

By doing so, you contribute to the conservation of our environment!

Notes

1. Refer to actual product in the event of product description discrepancy.

FCC

THIS DEVICE COMPLIES WITH PART 74 OF THE FCC RULES.

OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

IC

This device complies with Industry Canada RSS-123 ISSUE 2 standards. 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 ne doit 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.