

MIPRO MU-53H/55H

Headworn Microphone Instruction Manual



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2CE107



Headworn Microphone

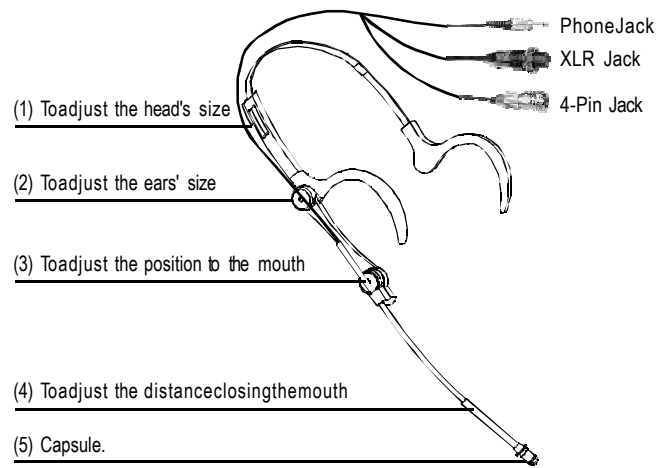
Thank you for choosing MIPRO's headworn microphone. To achieve the best result, kindly read the instructions manual thoroughly before operating.

This ergonomically-design is equipped with two kinds of professional capsules: uni-directional (MU-53H) and a miniature **4.5mm (MU-55H) omni-directional**.

These two kinds of headworn microphones are able to match various connectors per customers' request.



1. Adjustment features and connectors styles:



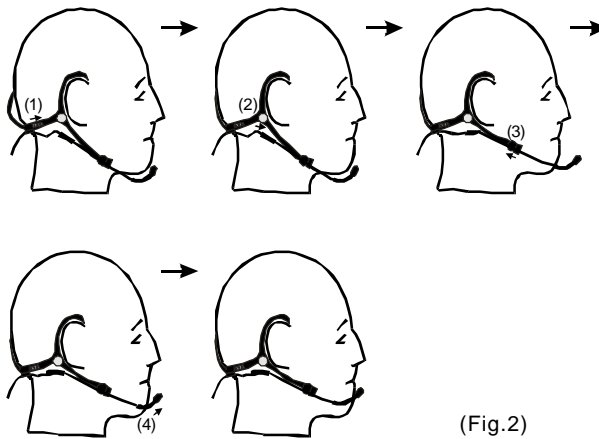
(Fig.1)

2. To Adjust A Headworn microphone:

To wear the Headworn microphone per enclosed picture.

Adjust the rear fixed panel to comply the head's size then adjust the joint so that the hooks are able to suit for the ears.

If the capsule is far away from the mouth position, kindly utilize the joint and goose neck to adjust the capsule to proper position.



(Fig.2)

Note:

When the steel tube cannot be adjusted easily simply use a cross-head screwdriver to tighten the screw at the joint (3).

3. Specification:

MU-53H

- ▶ **Transducer type** : Electretcondenser
- ▶ **Frequency Response** : 50 Hzto18,000Hz
- ▶ **Directional Characteristic**: Cardioidl
- ▶ **Sensitivity** : -46dB \pm 3dB at 1KHz(0dB=1V/Pa)
- ▶ **Operating Voltage**: 1.1 ~ 9V
- ▶ **Weight** : 30g
- ▶ **Dimensions** : 11 \times 26.5mm
- ▶ **Connector option** : 3.5mmmonophone jack plug / Mini XLR connectorMIPRO 4 pinconnector
- ▶ **Accessories**: windscreen, clothing clip

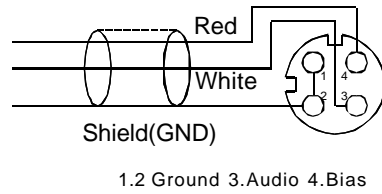
MU-55H

- ▶ **Transducer type** : Electretcondenser
- ▶ **Frequency Response** : 50 Hzto17,000Hz
- ▶ **Directional Characteristic**: **Omni-Directional**
- ▶ **Sensitivity** : -50dB \pm 3dB at 1KHz(0dB=1V/Pa)
- ▶ **Operating Voltage**: 1.1 ~ 9V
- ▶ **Weight** : 25g
- ▶ **Dimensions** : 5 \times 3mm
- ▶ **Connector option** : 3.5mmmonophone jack plug / Mini XLR connectorMIPRO 4 pinconnector
- ▶ **Accessories**: windscreen, clothing clip

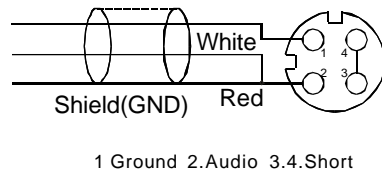
Headworn Microphone

4. Circuit diagram:

MU-53H



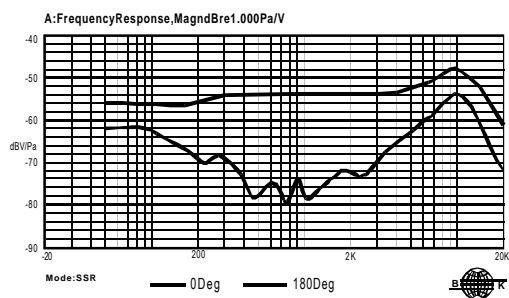
MU-55H



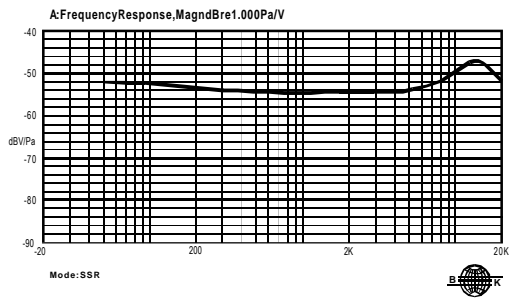
(Fig.3)

5. Frequency response diagram:

MU-53H



MU-55H



(Fig.4)