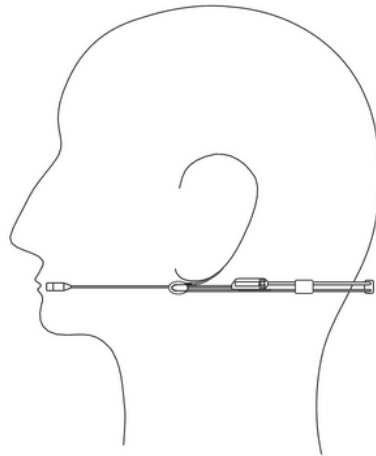


FLEXIFEATHER SERIES

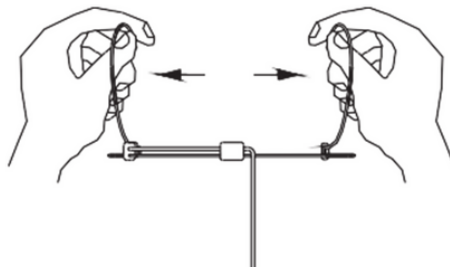
FTH40-O/OB | FTH40-U/UB





How to wear the microphone

Holding both steel hangers and slightly bend them outwards with both hands and put them on the ears.



How to take off the microphone

Holding both steel hangers at the front ends and smoothly bend them outwards with both hands and lift them up.



How to adjust for the proper length of the microphone stem

Simply holding the plastic joint at the bottom of the ear hanger with one hand and move the microphone stem forwards or backwards with the other hand.

How to adjust for the proper angle of the microphone stem

The flexible steel stem makes it easily to bend it to the proper position to get the best voice performance.

Warning

The microphone stem could be damaged if it is bent too sharply or violently.



Overview

The Flexifeather Series, comprising the FHT40-O/OB and FHT40-U/UB miniature headworn microphones, offers lightweight, sensitive, and high-performance solutions for professional applications like theatres, broadcasting, and live events. These microphones feature flexible stems for easy adjustment, omnidirectional (FHT40-O/OB) and unidirectional (FHT40-U/UB) condenser capsules for low ambient noise, and crisp sound. Designed for comfort and discreet appearance, they come in black and tan color, with 1.3m detachable moisture-resistant cables and connector options (TA4F & 3.5 mm Jack). Compatible with Erthpot’s Arche Wireless systems, Flexifeather ensures seamless hands-free performances.

Key Features

- Feather weight construction with flexible stem headset microphone for professional applications like theatres, live events & broadcasting
- Miniature design for discreet appearance
- Unidirectional pick-up pattern with low ambient noise design
- Sturdy clutch mechanism with adjustable boom arm length to fit variety of head profiles
- Comes with 1.3 M detachable cable with two connector options – TA4F & 3.5 mm Jack.
- Available in two color options – Black & Tan

Technical Specifications

For FTH40-U/UB

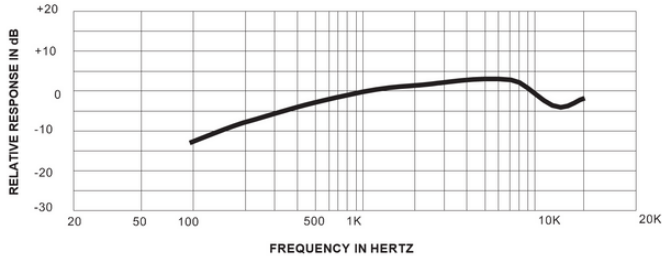
Polar Pattern:	Uni-directional.
Frequency Response:	20 Hz to 20,000 Hz
Impedance:	1,500 Ω ± 30% (at 1 K Hz)
Sensitivity:	-62dB ± 3dB (0dB=1V/microbar)
Operating Voltage:	1V~10V DC (RL:2K2Ω)

For FTH40-O/OB

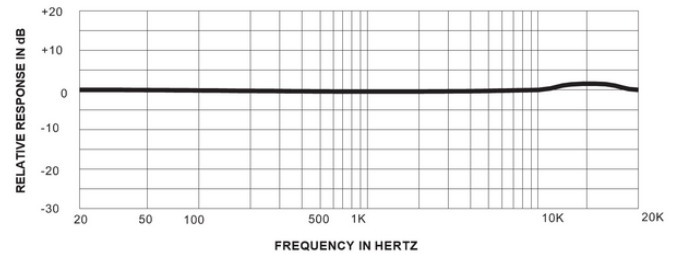
Polar Pattern:	Omni-directional.
Frequency Response:	20 Hz to 20,000 Hz
Impedance:	1,500 Ω ± 30% (at 1 K Hz)
Sensitivity:	-62dB ± 3dB (0dB=1V/microbar)
Operating Voltage:	1V~10V DC (RL:2K2Ω)

Frequency Response Curve

For FTH40-U/UB



For FTH40-O/OB



Wiring & Termination



FH-TA4CS/CB

Extension cable with TQG Connector

FH-TA4CS/CB is an extension cable for Flexifeather headworn microphone with TA4F connector in it. The 1.6 mm thick cable is a 3 wire copper conductor with Red wire as positive with respect to ground. Compatible with Arche AR2 bodypack transmitters and other brands with TA4M connectors (Operating DC volt 1-10V). Comes in two color options – Skin & Black to match with the microphone



FH-3.5JCS/CB

Extension cable with 3.5mm Jack Connector

FH-3.5JCS/CB is an extension cable for Flexifeather headworn microphone with 3.5mm jack connector in it. The 1.6 mm thick cable is a 3 wire copper conductor with Red wire as positive with respect to ground. Compatible with brands which are using 3.5 mm screw type connectors on the bodypack transmitters (Operating DC volt 1-10V). Comes in two color options – Skin & Black to match with the microphone

Erthpot warrants your product against all defects and factory errors when purchased.

Erthpot stands behind the quality of its products, offering a generous 3-year warranty from the date of retail purchase. During this period, should any defects arise, Erthpot is committed to providing optimal solutions, which include repairing the product with genuine spare parts or replacing it with an equivalent new product