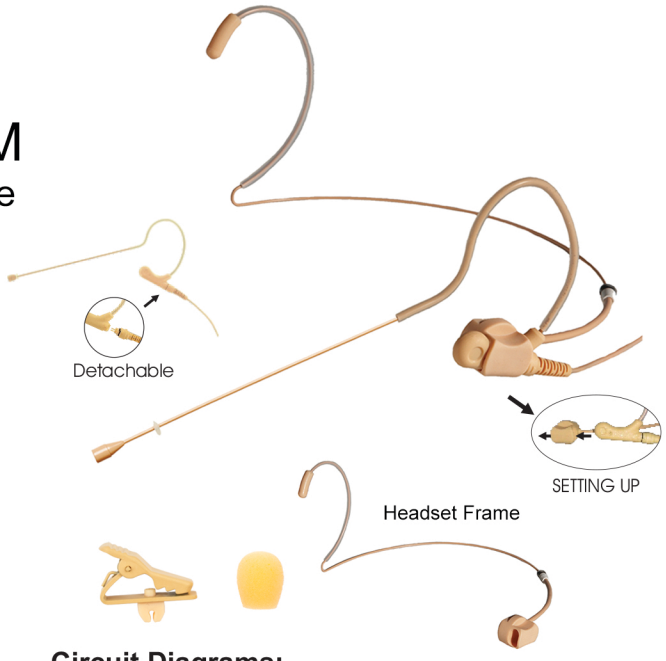
AIRWAVE TECHNOLOGIES

HSD-SLIM CLIP SYSTEM

Omnidirectional Headset Microphone



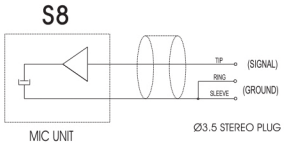
Features:

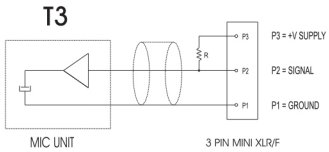
- Detachable and interchangeable cable for universal use optionally available all kinds of connector.
- Flexible and easily deformed to fit over the ear of any user.
- Primarily made for indoor and outdoor professionals.
- designed for use on stage, church, composers, surveillance and other applications requiring minimum microphone visibility with hands-free operation.
- Provides high-quality voice/sound pickup.
- Ultralight weight and easy clip-on style for comfortable use.
- Compatible with wireless bodypack transmitters.
- Comfort wear-on style and easily concealed under the hair.
- Extendable frame allows a quick secure fit on head.
- Headset frame diameter is Ø0.8mm.

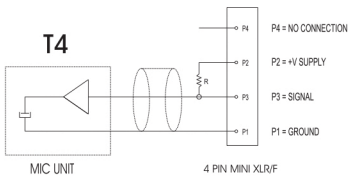
Specification:

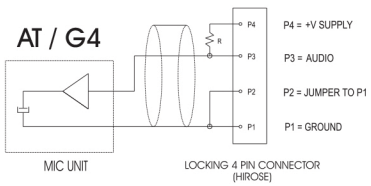
- Elements : Back Electret Condenser
- Polar Pattern : Omnidirectional
- Frequency Range : 50Hz ~ 18,000Hz
- Sensitivity : -60dB ± 3dB
- (0dB=1V/µbar @1KHz)
- Impedance : 1,500Ω ± 30% @1KHz
- Operating Voltage : 1V ~ 10V DC
- Weight : 8 grams (Microphone)
  (w/o connector and cable)
  4 grams (Headset Frame)
- Accessory : Tie-clip, Windscreen

Circuit Diagrams:

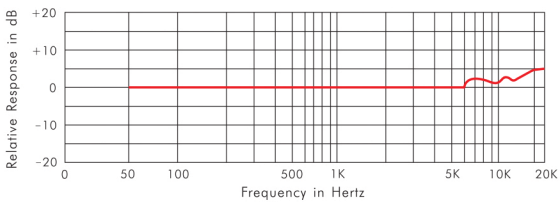




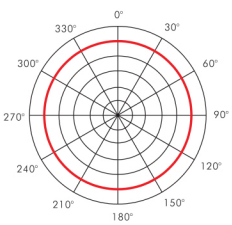




Frequency Response Graph:



Polar Pattern:



Caution:

- Adjust the curve of the microphone boom to follow the shape of your face until microphone head is 13mm away from the corner of mouth.
- Carefully make small bends with 2 hands using 3 fingers (thumb, index & middle). DO NOT bend beyond 20 degree.
- DO NOT bend it over sharp edge.

Optional Connectors: