

Key Features:

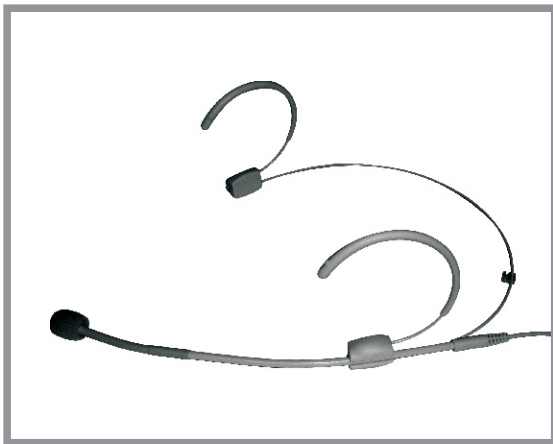
- Lightweight microminiature headset with ergonomic under-ear design.
- Exceptional sound quality and rugged construction.
- Flexible performance as a wired or wireless microphone
- Use with included
- power module or with any Relacart wireless transmitter.
- Available in black (HM-300B) and Skin (HM-300S) models.
- Cartridge can be fixed on both left and right side, make it more accordance with the humanized design..

General Description:

With a capsule diameter of just $\phi 4.0 \times 1.5\text{mm}$, HM-300B/HM-300S provides the ultimate in low-profile, high-performance audio. This omnidirectional condenser microminiature headwear mic offers an ergonomic under-ear design: its flexible, lightweight contoured loop hooks behind the ear for an ultra-secure, comfortable fit with or without glasses.

Output from the power module's XLRM-type connector is low impedance(Lo-Z) balanced. The signal appears across Pins 2 and 3; Pin 1 is ground(shield). Output phase is "Pin 2 hot" – positive acoustic pressure produces positive voltage at Pin 2.

Avoid leaving the microphone in the open sun or in areas where temperatures exceed 43°C for extended periods
Extremely high humidity should also be avoided.

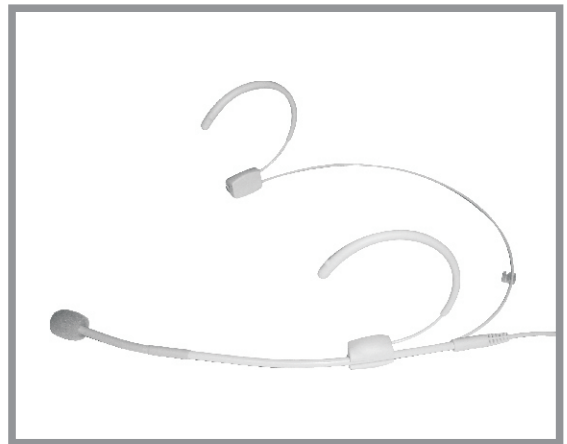
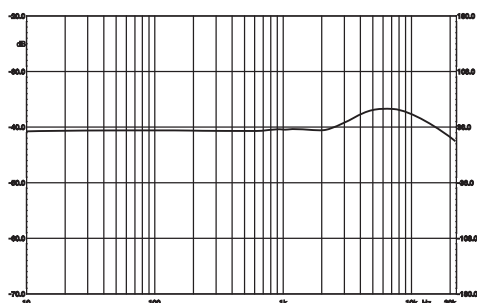


HM-300B

Technical Specifications:

Colour :Black
Polar pattern:Omnidirectional
Sensitivity:-40.5dB \pm 2dB
Output Impedance: $\leq 2.2\text{K}\Omega$
SNR: $\geq 59\text{dB}$
Mic diameter: $\phi 4.0 \times 1.5\text{mm}$
Frequency Range:20Hz~18KHz
Standard Operation Voltage:2~10V.DC
Wire:1M

HM-300B Frequency Response:

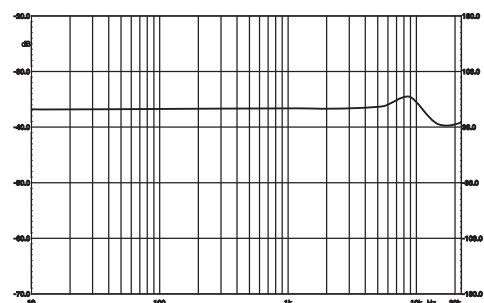


HM-300S

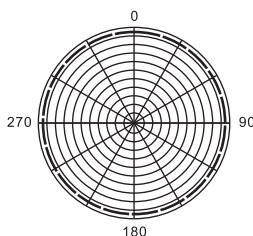
Technical Specifications:

Colour :Skin
Polar pattern:Omnidirectional
Sensitivity:-37dB \pm 2dB
Output Impedance: $\leq 2.2\text{K}\Omega$
SNR: $\geq 58\text{dB}$
Mic diameter: $\phi 4.0 \times 1.5\text{mm}$
Frequency Range:20Hz~16KHz
Standard Operation Voltage:2~10V.DC
Wire:1M

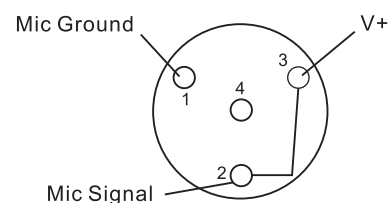
HM-300S Frequency Response:



Polar Response: (5 dB per division-1000 Hz)



TA4F Wiring:



特點：

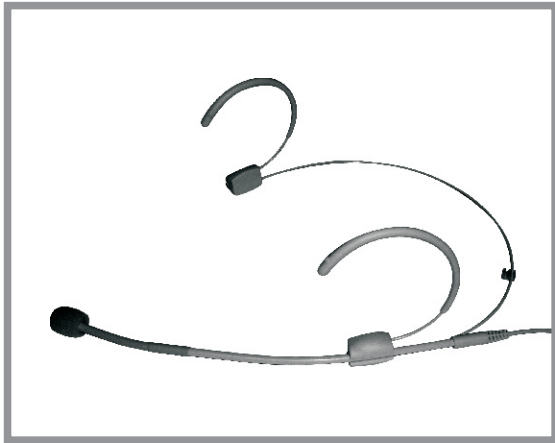
- 超微型外型及超輕型的重量，并根據人類耳朵弧度設計。
- 更佳的音頻質量及耐用的結構。
- 可配套于有線或無線系統
- 可連接有線供電模組或所有力卡 Relacart 的無線發射機。
- 提供有黑色(HM-300B型號)及米黃色(HM-300S型號)供選擇。
- 拾音頭可以左右裝配使用,更符合人性化設計。

描述：

設有 $\phi 4.0 \times 1.5\text{mm}$ 的超微型收音頭，使HM-300B/HM-300S話筒能提供極不顯眼而又有高音頻質量的表現。該全方向收音指向的頭戴式話筒，提供一個符合人體工程的掛耳式設計，其柔韌、可彎曲、輕型、能牢固的配戴在耳朵中，不論有否配戴眼鏡使用，也會感到舒適。

低阻抗的平衡音頻輸出，音頻信號以卡農公頭輸出端子的2號及3號針腳輸出，而1號針腳則為地綫(屏蔽)連接。輸出相位將以正相位電平設于2號針腳上。

把話筒暴露于高溫中可能導致輸出電平逐漸及永久性減弱，應避免將話筒留在日曬的地方或長時間置于溫度超過 43°C 的地方，而極高濕度也應避免。

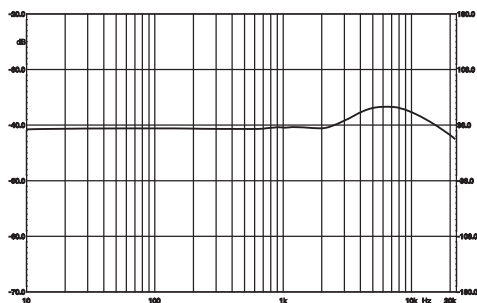


HM-300B

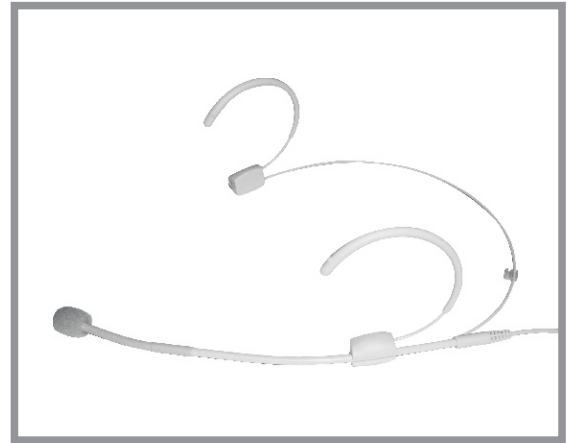
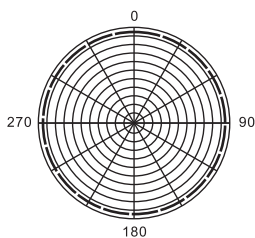
技術指標：

顏色:黑色
拾音方向:全指向
靈敏度: $-40.5\text{dB} \pm 2\text{dB}$
輸出阻抗: $\leq 2.2\text{K} \Omega$
信噪比: $\geq 59\text{dB}$
咪芯尺寸: $\phi 4.0 \times 1.5\text{mm}$
頻率響應: $20\text{Hz} \sim 18\text{KHz}$
供電電壓: $2 \sim 10\text{V.DC}$
綫長:1M

HM-300B 頻率響應：



指向特性: (5 dB per division-1000 Hz)

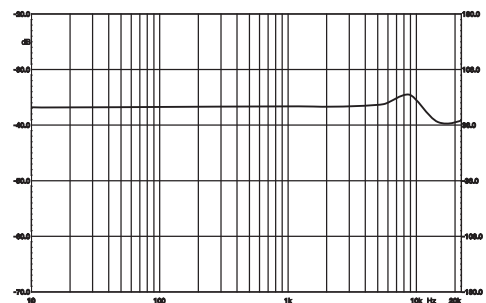


HM-300S

技術指標：

顏色:膚色
拾音方向:全指向
靈敏度: $-37\text{dB} \pm 2\text{dB}$
輸出阻抗: $\leq 2.2\text{K} \Omega$
信噪比: $\geq 58\text{dB}$
咪芯尺寸: $\phi 4.0 \times 1.5\text{mm}$
頻率響應: $20\text{Hz} \sim 16\text{KHz}$
供電電壓: $2 \sim 10\text{V.DC}$
綫長:1M

HM-300S 頻率響應：



TA4F接綫：

