



The Optimal Solution

## Twin Cup Helicopter Headset "Hummingbird"

Twin Cup Hummingbird Headset is designed for connection to low impedance helicopter intercom systems.

It has leather covered headband and individually sprung headband wires of stainless steel to provide best comfort and durability. Cable is coiled polyurethane with "European NATO" connected moulded plug.

- Highly attenuating headset for use in extremely noisy environments
- Microphone with efficient noise compensation for clear and reliable communication
- All cables exit at the top of the cups to prevent snagging and allow for easy connection to an overhead intercom.
- The coiled cable has extra length to enable it to be connected to a console mounted intercom.
- Design for low impedance intercom system of a helicopter



### MT72H540F-91

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	18.9	24.4	32.7	35.3	33.3	41	39.4
Standard Deviation (dB)	2.3	1.8	1.7	2.6	2.7	3	3.2
Assumed Protection (dB)	16.6	22.6	31	32.7	30.6	38.1	36.2

SNR=33 H=33 M=31 L=24

### Accessories and spare parts

**HY100A** Single-use ear cushion protector  
Packages of 100 pairs.

**HYM1000** Single-use microphone protector  
The Mike Protector is hygienic and moisture and windtight.

**M40/1** Wind protector  
Effective against wind noise. Protects the microphone and lengthens its life span.

**HY13** Hygiene kit  
If the headset is used continuously, replace at least twice a year.

### MT72 microphone

Type: Dynamic differential microphone  
 Frequency range: 70-9000Hz +/- 6dB  
 Output signal level: 0.4mV  
 Output impedance: 55 ohm  
 Connection impedance: For 5 ohm system  
 Noise suppression: 12dB @ 1KHz

### Earphones HTS32

Frequency range: 125 – 8000 Hz  
 Individual impedance: 32 ohms  
 Impedance when connected in parallel: 16 ohms  
 Output level at 0.5 V /1 kHz: 81 dBA  
 Max. continuous output energy: 30 mW. (Short-term: 100 mW)

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