



Presents...

A NEW CONCEPT IN COMMUNICATION

THE
VERSATILE, DURABLE AND COMFORTABLE

EVOLUTION™

THE LIGHTEST
INDUSTRIAL GRADE
HEADSET



FEATURES:

- » Open Design allows 360° sound recognition
- » Comfortable temple cushioning for ALL DAY use
- » Customizes on the fly... mic & cord, left to right
- » Durable yet lightweight construction (79 gr)
- » Performance rated to -40°C
- » Dual Speakers for exceptional intelligibility
- » Water Resistant Microphone to 2' water pressure
- » Ultra flexible Microphone Gooseneck
- » Latching Microphone & Cord Connectors
- » Nape band and Chin strap options
- » Optional In-Line PTT, cord lengths & terminations

Patent Pending



Tel: 519-396-8555 // TOLL FREE: 1-800-665-2740 // www.sed.bz

EVOLUTION™ INDUSTRIAL GRADE LIGHTWEIGHT HEADSET

COMPONENTS:

Microphone Assembly:

Frequency Response	100Hz to 10KHz
Sensitivity @ 1KHz	-42 dBV/Pa +/- 2.5 dB
Distortion	< 3% THD @ 120 dB SPL
Test Supply Voltage	9VDC with $R_L = 4.7k\Omega$
Rated Supply Voltage	1.2V min, 20V max
Rated Current Drain	130 μ A max $T_a = 25^\circ\text{C}$
Environment	Tested per MIL-STD-810F
Temperature (operating & storage)	-40 $^\circ\text{C}$ to 70 $^\circ\text{C}$
Humidity	0 - 95% non-condensing
Immersion	2 Feet
Protection	EMI, RFI
Minimum Bend Radius	22mm

Speakers:

Impedance	
Mono	150 Ω 150 Ω (75 Ω)
Stereo	150 Ω + 150 Ω
Sensitivity	120 \pm 3dB @ 1KHz
Power, Max	0.4 W
Headset Wiring	Stereo or Mono
	- Programmed by connection cord

Materials and Attributes:

Headband	Super Tough Nylon
	- Highly chemical resistant
	- Resistant to attack by bacteria and fungi
	- Adjustable fit
Temple Cushion	TPR
Headband Cushion	Vinyl
Cable	
Construction	Shielded
Flexibility	to -40 $^\circ\text{C}$
Jacket	PVC
Storage Bag	Breathable Fabric with Antibacterial Treatment

MEETS THE REQUIREMENTS OF THE ROHS DIRECTIVE

Options:

Nape Headstrap
Chin Strap
Custom Wire Lengths & Terminations
In-Line PTT (push to talk)

