LV-41 LIGHTWEIGHT SENSORY HEADSET

Features:

- Utilizing Bone Conduction Technology
- Allows user to hear incoming messages while donning earplugs
- Superb microphone quality
- Low profile headset
- Optional water proofing: Splash proof, immersion for 1m or 3m

The LV41 is a specially designed headset that allows the user to communicate effectively, regardless of whether the user is in a quiet or noisy environment.

Applying bone conduction methodology, the transmitted signals are converted into vibrations that are transmitted through the bone and to the auditory organs directly.

When the user needs to listen to the environment with both ears open, the user will "hear" the incoming messages through the bone conductors, while both ears are still listening to the surroundings. In high noise environments where the user needs to don earplugs for protection, the bone conductors will still effectively transmit the incoming messages intelligibly.

The microphone has a very high sound quality with very good background noise rejection and provides near 100% accuracy in voice recognition.

With the low profile headband (behind the head), it can fit under most helmets, allowing the user to enjoy head protection while wearing a communication headset.

Potential applications include warehouse operators, train operators, military and public safety personnel, professional audio and visual production crew, etc.

Specifications:

Microphone	
Generating Element:	Electret Condenser Microphone
Polar response:	Noise canceling
Frequency Response:	100 Hz to 10 kHz
Sensitivity (1kHz @ ¼" distance):	-40 dB re 1V/Pa
Loudspeaker	
Frequency Range:	350 Hz to 4 kHz
Output:	102 dB ref 1 µN @1 mW
General	
Water Resistance:	Splash Proof (Optional – 1 m, 3 m immersion proof)
Standard Accessories:	Windscreen
Color:	Black
Wiring Configuration:	Mic + : White Mic -: Shield & Green Spk left +: Red Spk left –: Black Spk right +: Yellow Spk right –: Blue

INTRICON CORP. 1260 Red Fox Road, Arden Hills, MN 55112 * Tel(651)6369770/Fax(651)6369503 www.intricon.com
INTRICON PTE. LTD. 8 Admiralty Street #02-01/06 Admirax Singapore 757438 * Tel(65)67761021/Fax(65)67791021 www.intricon.com.sg
INTRICON GMBH Kesselschmiedstrasse 10, D-85354 Friesing, Germany * Tel(49)816148040/Fax(49)8161480418 www.intricon.de