



HEAR WITHOUT HARM, WORK WITHOUT WIRES

XBT HEAVY-DUTY WIRELESS HEADSET FOR MOTOTRBO™ RADIOS

Whining drills, droning jackhammers, pounding equipment. They can compete with communication, disrupt workflow and compromise safety. In the excessive noise at a manufacturing plant or rock concert, you might not hear instructions from the floor or a forklift beeping behind you. You want to protect your hearing while being aware of what's around you so you can work safely and productively.

That's where the XBT Heavy-Duty Wireless Headset is in a class by itself. It is the state-of-the-art digital headset that unleashes the power of MOTOTRBO radios to shield you from harmful, high-decibel noise while letting you hear the sounds you need to – people, alarms, alerts and more.

PROTECT YOURSELF WITH SENS™ SPATIAL AWARENESS TECHNOLOGY

The XBT Headset features patented SENS technology which combines advanced speech enhancement with extreme noise suppression. SENS recognizes speech and elevates it so you can hear what others are saying. And it recognizes high noise and suppresses it – from arc welding to sandblasting – so you can communicate clearly even in these extreme environments.

The XBT Headset limits in-ear exposure to 82 decibels and protects you from all types of noise, including impact, intermittent and continuous. Most importantly, you retain 360° situational awareness so you can hear the sounds that surround you—from co-workers conversing to equipment rolling up.

Now you can be aware of your entire environment while you work. While you increase productivity and guard against hearing loss.

XBT HEAVY-DUTY HEADSET

- Connects to any MOTOTRBO two way radio with Bluetooth® functionality (built in or with Operations Critical Wireless adapter)
- Use the PTT button on the radio, headset or wireless PTT pod
- Convenient for face-to-face communication without a radio in 95dB noise
- Compatible with MOTOTRBO radios operating in analogue or digital mode

PRODUCT SPEC SHEET

XBT OPERATIONS CRITICAL WIRELESS HEADSET

WORK COMFORTABLY AND WIRELESSLY

Whether you're electrostatic painting in an automotive plant or repairing equipment on a food processing line, sometimes you can't leave the radio on your belt or let it touch what you're working on. The XBT Headset makes it easy to interact with your radio without wires getting in the way. Simply pair it to any Bluetooth compatible MOTOTRBO radio, leave the radio on a desk, cart or bag up to 10 metres (30 feet) away and move freely. With 22 hours of battery life, the XBT Headset goes the distance for multiple shifts, too.

HEAVY-DUTY PERFORMANCE FOR DEMANDING PLACES

While the XBT Headset is heavy on hearing protection and situational awareness, it is light and easy to use. It offers fast push-to-talk (PTT) on the earcup, through an optional wireless PTT pod or on the radio. Choose between headband or neckband-style for a comfortable fit under helmets.

With its rugged design for harsh conditions – from construction dust to mining grit – it's the perfect way to ensure clear communications all around you.



RLN6490



RLN6491

PART NUMBER	RLN6490	RLN6491
Description	XBT Operations Critical Wireless Behind-the-Head Headset	XBT Operations Critical Wireless Headband Style Headset
Compatible Radios	Requires PMLN5712, Operations Critical Wireless Adapter: DP 3000 Series and DM 3000 Series No separate adapter required: DP4401, DP4601, DP4801, DP3441, SL4000, SL4010, DM4401, DM4801	
Hearing Protection	23dB	25dB
Situational Awareness	SENS Situational Awareness	SENS Situational Awareness
Headset Weight	429g	422g
IP Rating	IP54	IP54
POWER		
Battery Life (5/5/90)	22 hours	22 hours
Charge Time	7 hours	7 hours
Battery Type	Lithium Polymer	Lithium Polymer
Replacement /Optional Parts:	NNTN8191: Wireless Push-to-Talk Pod RLN6493 Behind-the-Neck Replacement Band RLN6495 Replacement Boom Microphone RLN6496 Cooling Pads RLN6497 Hygiene Kit for XBT Headsets RLN6498 Universal 5V Power Supply for XBT Headset	NNTN8191: Wireless Push-to-Talk Pod RLN6492 Headband Style Replacement Band RLN6495 Replacement Boom Microphone RLN6496 Cooling Pads RLN6497 Hygiene Kit for XBT Headsets RLN6498 Universal 5V Power Supply for XBT Headset
BLUETOOTH		
Wireless Link Pairing Distance Proximity	< 30 cm (1 foot)	< 30 cm (1 foot)
Wireless Link Range	10m (30 ft) line of sight, 2m (6 ft) around body	10m (30 ft) line of sight, 2m (6 ft) around body

SPEECH ENHANCEMENT

+

NOISE SUPPRESSION

+

SITUATIONAL AWARENESS

=

SENS™ TECHNOLOGY

To hear without harm and work without wires, visit www.motorolasolutions.com/mototrbo

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