



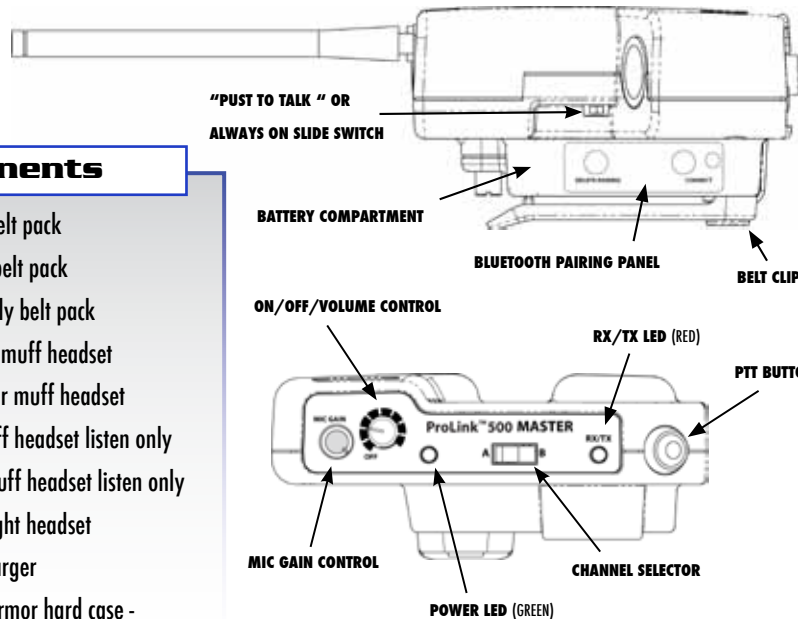
Technical Specifications



The ProLink 500 is a digital wireless intercom system that allows full duplex communication between four users simultaneously with the option of unlimited number of listen only belt packs. The transmitter and receiver operate utilizing the FCC license free 902 - 928 MHz range for the U.S. without the need for a base station. The ProLink 500 has the capability to transmit

up to 500 feet line of sight and allows communication through walls

and glass. Depending on usage, it can operate up to 12 hours using rechargeable alkaline batteries. Each belt pack will be able to communicate in "Push-to-Talk" mode, which always receives but only transmits when the PTT button is pushed, or "Always On" mode which provides completely hands-free communication. It has Bluetooth capability allowing the freedom to move around up to 10 feet from the MASTER beltpack.



Features

- Heavy Duty 4-Pin XLR Connector
- Choice of Single, Dual Muff or Lightweight Headsets
- A/B Channel Selection
- "Push to Talk" or "Always On" Modes
- Microphone Gain Setting
- Out of Range Indicator LED
- Low Battery Indicator LED
- Charging Indicator LED
- Rechargeable Batteries Included
- Gang Charger for Four Belt Packs
- FCC License Free
- Bluetooth Compatibility
- 500 ft. Line of Sight Wireless Communication

Components

BP-500M	Master belt pack
BP-500R	Remote belt pack
BP-500L	Listen only belt pack
H-2000	Dual ear muff headset
H-2000S	Single ear muff headset
H-2000L	Dual muff headset listen only
H-2000LS	Single muff headset listen only
H-2000LT	Lightweight headset
GC-500	Gang charger
HC-ARMOR24-PL	Anchor Armor hard case - ProLink 500

Packages

- PRO-540 Four User Package:
One BP-500M master belt pack, three BP-500R remote belt packs, four headsets (H-2000 or H-2000S), one GC-500 gang charger & one lightweight, high-density cardboard case
- PRO-570 Four User Package:
Two BP-500M master belt packs, Five BP-500R remote belt packs, Seven headsets (H-2000 or H-2000S), Two GC-500 gang charger & one lightweight, high-density cardboard case

Technical Specifications

ProLink Belt Pack (BP-500)

RF Frequency Range	902-928MHz
Modulation	FSK
Range (line of sight)	Duplex 500' / 152.4 m
Antenna	1/2 - wavelength dipole
Power Supply	9VDC, 1.2ADC
Battery Life	12 hours
Weight	15 oz / 0.42kg (with batteries)
Dimensions	4.5" x 6.25" x 3.75" (114.3 x 158.75 x 95.25 mm)

Single-Ear (H-2000S) & Dual-Ear Headphones (H-2000)

Drivers	Dynamic, 40mm
Impedance	300 Ω +/- 15%
Frequency Response	20Hz - 20kHz
SPL	91dB +/- 3dB
Rated Power	> 40mW
Distortion	< 5%
Microphone	Dynamic, Uni-directional, Low impedance

Microphone Sensitivity	Referenced to 0dB=1V/ pbar,1kHz Min -85 dB / Typical -83 dB / Max -81 dB
Frequency Response	200Hz-12kHz
Connector Plug	4-pin XLR, female
Weight	Single: 13 oz / 0.37 kg & Dual: 16 oz / 0.45 kg
Bluetooth Range	10-20 ft LOS
Frequency	2.4 GHz



FCC ID: J8ZBP-9000

(Features & Specifications Subject to Change Without Notice)

