

# OPTICAL TEST ACCESSORIES ●

## VOICELINK™ SM-PTT Talkset PX-G101

### FEATURES

- SINGLE FIBER OPERATION (SMF)
- ULTRA LOW COST
- LOUD SPEAKERMICROPHONE DESIGN
- LOW BATTERY INDICATION
- VERY RUGGED ALUMINUM CONSTRUCTION
- EASY CHANGE 9V BATTERY
- WATERPROOF CARRY CASE
- TWO YEAR WARRANTY



### Application and Description

The VOICE LINK™ series of optical talksets is designed to provide the test technician with a quick and simple voice communication link over a single fiber. These talksets allow communication while testing or troubleshooting when conventional phone access is not possible or when radios and cellular phones are prohibited or otherwise not an option.

The VOICE LINK™ talksets were designed to be rugged. As with all Photonix test instruments, the talksets are constructed within an aluminum extrusion with high impact rubber bumpers. The Push To Talk (PTT) speakermicrophone is identical to those trusted by law enforcement agencies around the world. This talkset can literally be driven over with an automobile. When stored in its protective waterproof carry case, the set can even survive several feet underwater. Because of its standard dual phone jack audio connection, the VOICE LINK™ talksets are also available from Photonix with Voice Operated Transmission (VOX) headphones and are even compatible with more exotic radio accessories including noise cancellation headsets and ear transceivers!

Many other fine details were considered in the design of this product. The 9V battery is cartridge loaded into the bottom of the unit thereby eliminating awkward and failure prone battery snaps. The control knob is oversized and rubber molded for ease of use. Belt and Shirt clips are built in to keep the hands free when working. The instruction manual is pocket sized and laminated to make it not only convenient but tear and water resistant as well. The audio driver is powerful enough to allow the PTT version to be clearly heard well over 100' away. The units typically provide a 30dB range with 9/125 Singlemode fiber allowing their use in all but the longest of fiber runs. Finally, it should be noted that the Photonix VOICE LINK™ talksets, despite their many features, are among the lowest priced units in the industry and include a two year warranty.

### Specifications

<b>Model</b>	PX-G101	<b>Operating Temperature</b>	-5C to 45C
<b>Wavelength</b>	1300nm	<b>Storage Temperature</b>	-10C to 60C
<b>Fiber Type</b>	Singlemode	<b>Humidity</b>	10% to 90% non-condensing
<b>Dynamic Range (62.5/125)</b>	12dB typ.	<b>Power</b>	Standard 9V
<b>Dynamic Range (9/125)</b>	30dB typ.	<b>Typical Battery Life</b>	PTT varies with volume and usage
<b>Audio Configuration</b>	Speakermic.		
<b>Transmit Mode</b>	PTT		