



FORTIS

SMART TACTICAL HEADSET SYSTEM



OPERATE UP TO 3 RADIOS OR 4 NETS* SIMULTANEOUSLY

COMPATIBLE WITH IN-EAR AND OVER-THE-EAR HEADSETS

EMBEDDED DIGITAL SIGNAL PROCESSOR

UNIQUE CIRCUITRY ELIMINATES CROSSTALK, ENSURES SECURE COMMS

INTERCHANGEABLE WITH MILITARY AND CIVILIAN RADIOS

FORTIS smart tactical headset system offers tactical operators flexibility and modularity to match their operating profile. Acting as a hub, the FORTIS push-to-talk control box offers a two-radio solution with onboard power, and a three-radio/four-channel solution that powers from the radio or an in-line battery option.

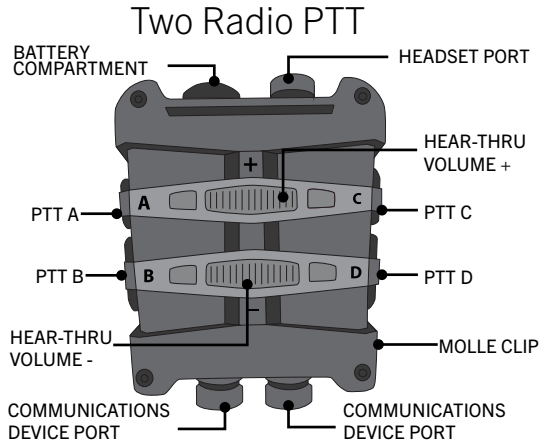
20m submersible interface ports connect FORTIS to Silynx's leading in-ear headset or to a variety of headsets from other manufacturers such as over-the-ear, acoustic tubes, music earbuds, etc. FORTIS intelligent digital signal processor ensures reliable –and waterproof– connectivity to countless radios, smartphones, intercom systems, mesh radios, and other comm devices.

Always thinking of function and form, Silynx committed its industrial design expertise to FORTIS' look-and-feel with a new, modern, one-of-a-kind tapered fluted design that conforms to the user's grip, while incorporating an industry-first, customizable / changeable outer shell for field replacement or aesthetics.

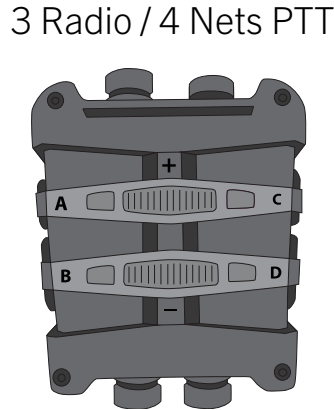


* Requires dual net radio

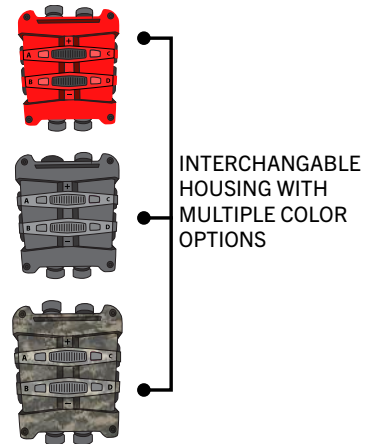
PTT CONTROL BOX



Part Number: FTIS-2-B-01 (Black)
FTIS-2-T-01 (Tan)

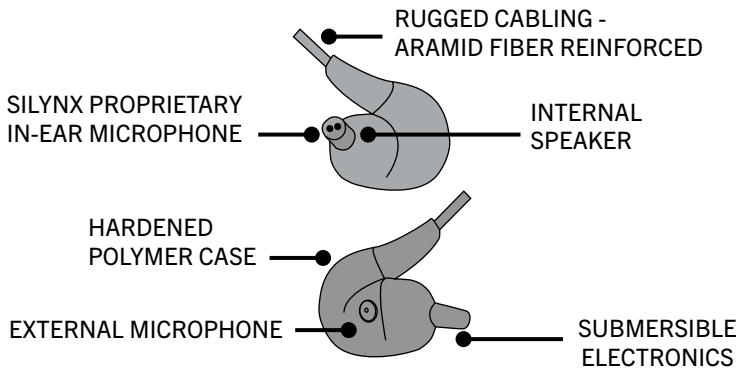


Part Number: FTIS-3-B-01 (Black)
FTIS-3-T-01 (Tan)

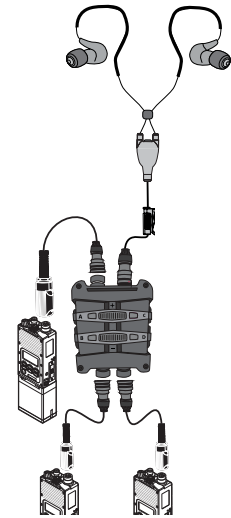


INTERCHANGABLE HOUSING WITH MULTIPLE COLOR OPTIONS

HEADSET



Part Number: FTIS-HS-0010-B-01 (Black)
FTIS-HS-0010-T-01 (Tan)



FORTIS 3-Device Configuration example

TECH SPECS

Acoustical Response

Speaker Frequency Spectrum.....	60 Hz to 10,000 Hz
Sound Pressure Level.....	> 115 dB
Max Audio Input Level.....	> 5Vp-p
Microphone Frequency Range.....	60 Hz to 9,000 Hz
Audio Input Type.....	Single-ended or Differential
Mic Output Level.....	> 3mVrms, 600Ω

Hear-Thru System

- Impulse Noise Protection
- Extended Sound Localization

Battery Life Expectancy

- Internal AAA..... 48 Hours
- Powered from radio at 5V, 15mA

Environmental

Operating Temperature.....	-46°C to +72°C
Storage Temperature.....	-46°C to +72°C
Humidity.....	95%
Immersion (Control Box).....	20m for 30min
Immersion (In-Ear Headset).....	1m for 30min

Tested to MIL-STD-810G

Dimensions

Control Box 2.4in (W) x 2.6in (L) x 1.0in (H)

Weight

- Control Box..... 205g (excluding battery)
- Headset..... 70g

*Specifications are subject to change without notice.