



FALCON COMBAT HEADSETS

INFANTRY TACTICAL HEADSET SYSTEM



SINGLE OR DUAL COMMS/PTT

LIGHT AND RUGGED STRUCTURE

HELMET, HEAD, OR VEST MOUNTED

AMBIDEXTROUS DESIGN

WATERPOOF, 1M SUBMERSION

SUPPORTS FULL DUPLEX AUDIO

PALM, FINGER, OR CHEST PTT

PLUG AND PLAY SIMPLICITY

NO POWER IS REQUIRED

FALCON is a member of the Silynx "MADONNA" light and "indestructible" headsets series, the world's best infantry tactical headsets, chosen by the USA Special Forces, UK Special Forces, Israeli Army, and many more.



OVERVIEW

FALCON Tactical Infantry headset

FALCON Tactical Infantry is designed for maneuvering infantry soldiers that need a cost-effective, reliable, simple, rugged, wearable radio communication system.

SilynxFALCON is light-weight, extremely durable, and ergonomically designed to provide comfort during long-term usage. 1 meter of full waterproof allows operation in a constantly wet environment and instant communication emerging from swimming.

Utilizing SilynxFALCON proprietary, state-of-the-art, dynamic boom microphones, and ear speakers provides crystal clear hearing and speech quality.

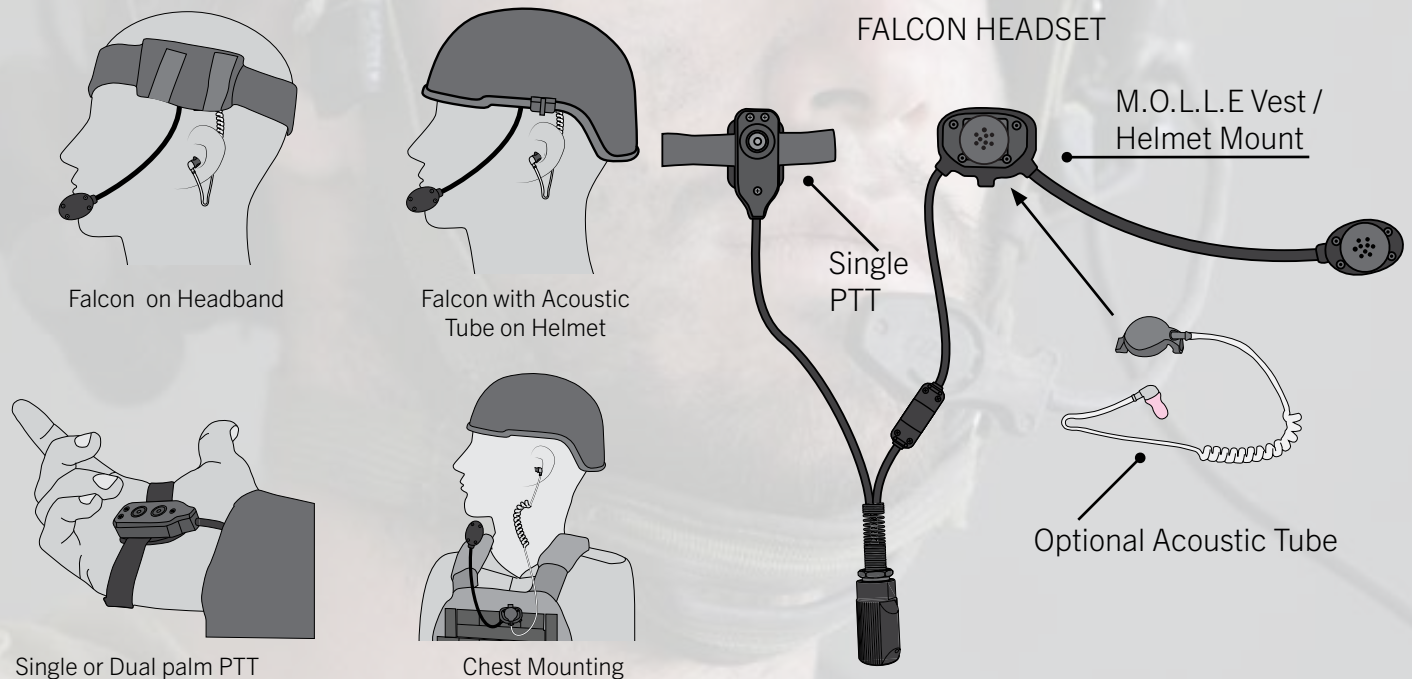
SilynxFALCON patented, super-rugged structure guarantees years of usage without effecting plastic elastic properties of the boom microphone.

The FALCON is the world's first tactical headset that supports two simultaneous devices (physical or virtual) with only one speaker and one microphone but still requires no power source, regardless of the radio devices models used.

The FALCON is designed to be worn attached to combat vest, over or under (headband) the helmet.

The headsets are PPTed by either SilynxFALCON palm, ring, or chest PTTs. Optional acoustic tube is provided for direct in-ear hearing.

SYSTEM



TECH SPECS

Physical data

Water resistance:..... Submersible to 20m MIL-STD-810G
 Weight < 255 gr (without connector)
 Temperature:..... Operation -31°C to +65°C
 Storage -33°C to +71°C

Acoustical response

Variety of earphone impedance - optional
 Speaker frequency response: 300 to 4000Hz

**Specifications are subject to change without notice.*

Microphone

Dynamic / Electret microphone options
 Dynamic mic frequency response:.....300 to 4000Hz
 Electret mic frequency response:.....200 to 9000Hz
 Sensitivity:>90 dB SPL @ 1 kHz

Peripherals

Color: Black
 Direct radio connection: According to customer's requirements
 Optional, headband, helmet hanger, acoustic tube, Cable Splitter (for dual radio connection), Finger PTT, Chest PTT, Dual palm PTT.