



PT21

DUAL U94 PTT



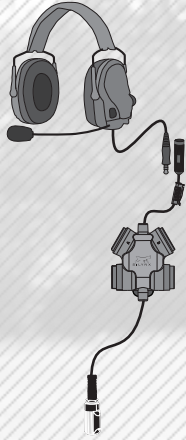
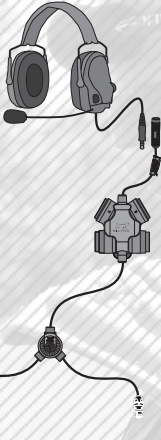
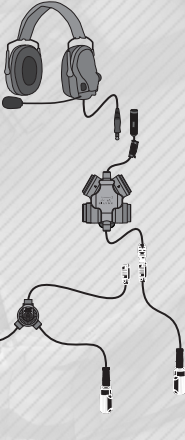
DUAL NETWORK / DEVICE PTT
SDR VIRTUAL NETWORKS SUPPORT
NO BLEED TECHNOLOGY
AMBIDEXTROUS DESIGN
STANDARD AND DUAL WIRING
SIMPLE PLUG AND PLAY

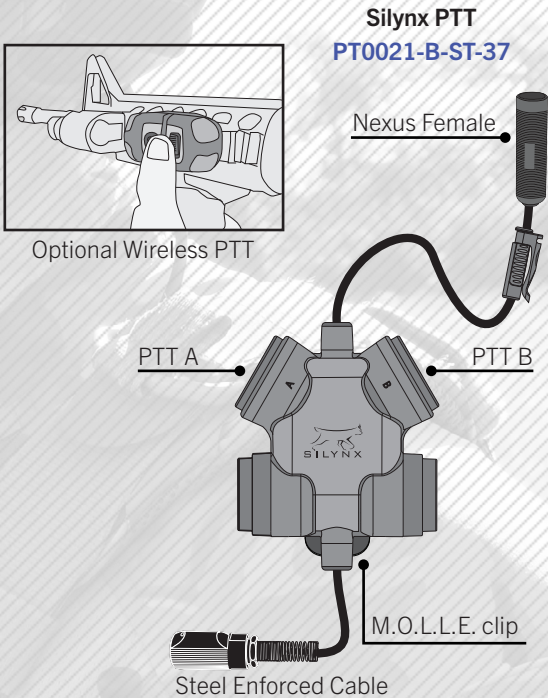


OVERVIEW

The PT21 is a rugged, water-proof (IP67) dual U94 headset, built for the harshest working environments. The PT21 ambidextrous design enables easy operation by left- or right-hand users without any need for modification. The two PTT buttons are physically distinguished to allow “blind” recognition. Clever electronics provide automatic, secured (no bleed), dual-channel separation (each PTT button controls a different network) when two devices or a multi-channel SDR is connected. The SilynX Nexus PT21 series supports dozens of different radio models and is attached to the PT21 with a heavy-duty, steel-enforced communication cable. SilynX wireless, weapon-mounted PTT is optional for all PT21 models. The Nexus female connector is installed on a short cable for maximum flexibility and increased durability and is available with 4 pole or 5 pole options (NATO, STD, and dual wiring) to support a variety of SilynX and third-party single-sided and active sound protection headsets. SilynX U94 models are built to MIL STD 810G to ensure long-lasting performance in rough field conditions and are combat proven by some of the world’s most elite forces.

CONFIGURATIONS

		
Single Device (Default)	Fixed Dual Devices	Modular: Single/Dual Devices
Single/Dual Networks (SDR)	Dual Networks	Single/Dual Networks



TECH SPECS

Interface

Headset Nexus 4 Pole Single Comm Jack (Default)
 Nexus 5 Pole Dual Comm Jack (Optional)

Radio U329 “6-pin” connector (Default)
 Most tactical radio connectors (Optional)

Supported Wiring Standards NATO, STD, DUAL

Power

Input Voltage Minimum 4V, Maximum 12V.

Input Current 35 mA

Mounting

Ambidextrous M.O.L.L.E. vest clip.

Environmental

Operating Temperature -31°C to +70°C

Storage Temperature -40°C to +70°C

Humidity 95% at ambient temp range +31C to +70 C

Altitude 40,000 ft

Immersion 2 m for 30 min

Dimensions & Weight

Chest PTT 2.2” (L) x 2.1” (W) x 0.9” (H)

Radio cable length 22 cm (Default) up to 250 cm (Optional)

Weight (Default Configuration) 100 gm

*Specifications are subject to change without notice.