



# 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**

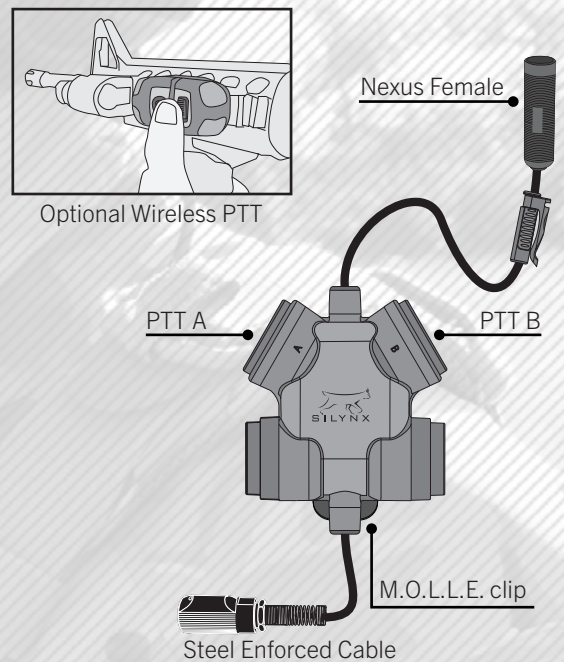


# OVERVIEW

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.