



Critical Communications Push-to-Talk/Push-to-Key Adapters



Why choose JPL Telecom for your Critical Communication Requirements?

- 20+ Years of Industry Expertise
- TAA Compliant - Products manufactured in South Korea
- We offer alternatives to Plantronics/Poly P10 and SHS1890, and have the ability to create custom builds to meet your requirements
- Full PTT product range available, including handheld, foot pedal, in-line, and wireless DECT.

Poly EOL Adapters

DISCONTINUED



P10

DISCONTINUED



CA22

DISCONTINUED



SHS1890



JPL Alternative Adapters



BL-22+P / BL-22A+P



JPL Scout 3100



JPL Scout 300 / 300A

Push-to-Talk Adapters

Emergency Services Push-to-talk Trigger Switches



How they work

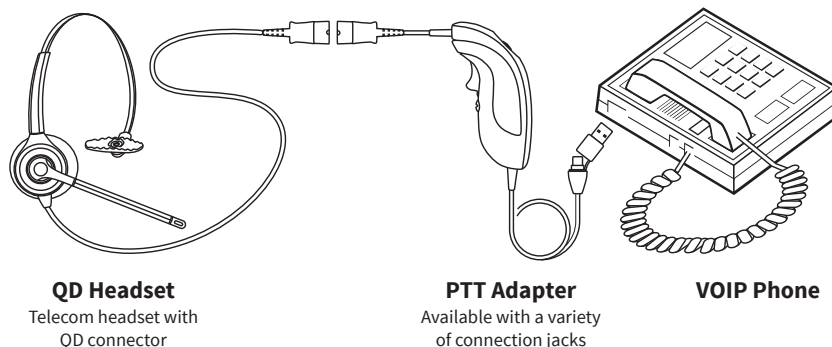
At JPL Telecom, we understand that every communication requirement is unique. That's why we offer a range of PTT adapter variants, each tailored to meet your specific secure voice and dispatch needs. This adaptability ensures that our products seamlessly integrate into your existing communication systems, enhancing their functionality and performance.

Push-to-talk or PTT adapters are designed to give users complete control over their voice communications. A PTT adapter is required for communication equipment in various applications and environments.

JPL Telecom offers two types of Push-To-Talk adapters. PTT for Secure-Voice and PTT for dispatch are available depending on the intended use case.

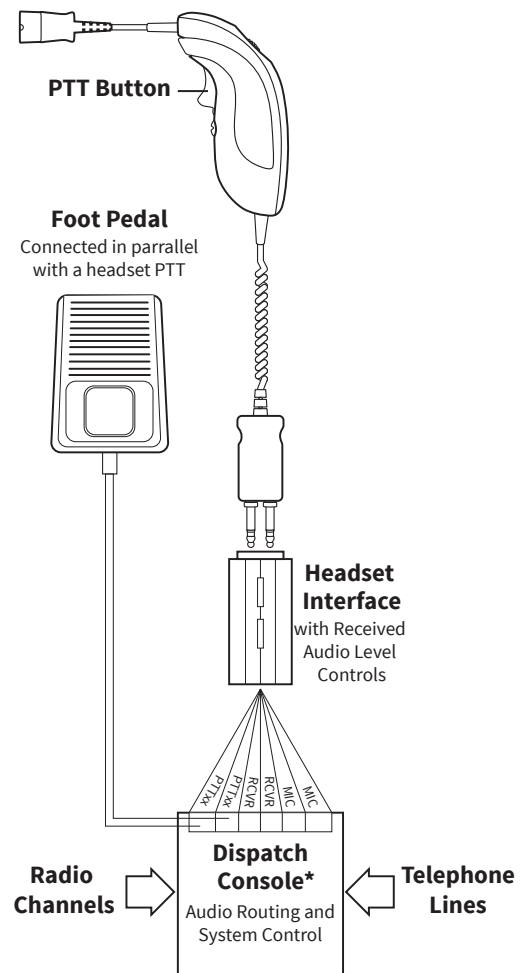
PTT for Secure-Voice

For secure-voice use cases, enabling the PTT button activates a switch to unmute the transmitted audio signal. In other words, the secure-voice adapter's transmit signal is muted by default. Secure-voice PTT adapters eliminate unintended audio transmissions in environments where sensitive information is being discussed or background noise is loud, ensuring privacy and clarity in communication.



PTT Headset Adapter

(JPL-Scout 300 shown)



PTT for Dispatch

For dispatch use cases, enabling the PTT button activates a switch that creates a short circuit across two connector contacts. This event prompts the host system to "key" up the radio to allow the dispatcher to communicate over the selected radio channel. Typical applications include dispatch use cases like emergency dispatch (E-911), transportation, security, and air traffic control (ATC).

Designed for Critical Communications



Designed in the UK, Manufactured in South Korea

JPL Scout 3100

The JPL Scout 3100 is a wireless DECT **push-to-talk** headset amplifier that is ideal for use where secure, mission critical, conversations are needed, such as public safety dispatch, air-traffic control, radio dispatch operations, and training simulation.

- ✓ Modern robust design made from toughened plastic to withstand the harshest of conditions
- ✓ Push-to-Talk switch with momentary operation
- ✓ DECT Security Step C
- ✓ 500ft (150m) range
- ✓ 2 charging wells, trigger & battery
- ✓ Dual PC/analogue connectivity
- ✓ Send volume on base station
- ✓ Neatly positioned thumb wheel volume control
- ✓ 10hrs talk time
- ✓ Left and right side belt clip wearing styles
- ✓ LED visual indication on trigger for active microphone
- ✓ Intrado and Motorola Solutions compatible
- ✓ 2 year repair or replacement warranty



What's Included

- 1 x Scout 3100 base station
- 1 x Scout 3100 handheld trigger with QD headset connector
- 2 x batteries (one for handheld and other as spare)
- 1 x PJ-7 2-prong to RJ12 cable
- 2 x USB-C to USB-A cables
- 1 x Multi-country plug with USB-C port

P/N: JPL Scout 3100
SKU: 575-406-3100



Designed in the UK - Manufactured in South Korea



BL-22+P / BL-22A+P (Amplified)

A sturdy dual-prong adapter that plugs into a PBX or ACD operator's console using the PJ-7 dual-prong plug and the JPL/PLX QD allows connection to a variety of JPL QD headset styles.



Device:
Dual-prong plug



Features & Benefits

- ✓ JPL/Poly QD to dual-prong PJ-7 plug
- ✓ Clear crisp sound
- ✓ Neatly positioned thumb wheel volume control
- ✓ Volume and automatic gain controls let you adjust incoming calls to a comfortable listening level
- ✓ 10ft (3m) coiled cord
- ✓ 2 year repair or replacement warranty

The BL-22 is compatible with the following JPL and Poly headsets:

JPL-Connect-1, JPL-Connect-2,
JPL-Icon 100-PM, JPL-Icon 100-PB.
Poly: HW710/720, HW510/520



P/N: BL-22+P
SKU: 575-416-003

P/N: BL-22A+P
SKU: 575-416-003A



Designed in the UK - Manufactured in South Korea



JPL Scout - Lockable Trigger

An ergonomically designed **push-to-talk** headset amplifier for use where secure, mission critical, conversations are needed, such as public safety dispatch, air-traffic control, radio dispatch operations, and training simulation.

Features & Benefits

- ✓ Modern robust design made from toughened plastic to withstand the harshest of conditions
- ✓ Push-to-talk switch with selectable locking or momentary operation
- ✓ Left and right side belt clip wearing styles
- ✓ Neatly positioned thumb wheel volume control
- ✓ Supplied with a lanyard strap and plastic screwdriver
- ✓ 2 year repair or replacement warranty



Key Features

1. Thumb Wheel "Fast Throw" volume control
2. Momentary or locking push-to-talk trigger switch
3. Locking switch to change from momentary to locked switch
4. Replaceable belt clip
5. Lanyard strap
6. Plastic screwdriver to change momentary to locking switch



4 Different ways to connect to your phone system

P/N:	JPL Scout 100	JPL Scout 200	JPL Scout 300	JPL Scout 300A	JPL Scout Belt Clip
Connection Type (Headset to device)	JPL/PLX* QD to JPL/PLX* QD	JPL/PLX* QD to USB-A/USB-C	JPL/PLX* QD to PJ-7 (2 prong plug)	JPL/PLX* QD to PJ-7 (2 prong plug)	Replacement Part
Cord Length	5ft (1.5m) Straight Cord	5ft (1.5m) Straight Cord	15ft (4.5m) Coiled Cord	15ft (4.5m) Coiled Cord	
SKU	575-406-100	575-406-200	575-406-300	575-406-300A	575-406-101

*Poly compatible QD. GN compatible QD available by special order, no price change.



Designed in the UK - Manufactured in South Korea

JPL Scout - Momentary Trigger

An ergonomically designed **push-to-talk** headset amplifier for use where secure, mission critical, conversations are needed, such as public safety dispatch, air-traffic control, radio dispatch operations, and training simulation.

Features & Benefits

- ✓ Modern robust design made from toughened plastic to withstand the harshest of conditions
- ✓ Push-to-talk switch with momentary operation
- ✓ Left and right side belt clip wearing styles
- ✓ Neatly positioned thumb wheel volume control
- ✓ Supplied with a lanyard strap
- ✓ 2 year repair or replacement warranty



Key Features

1. Microphone in-use LED
2. Thumb Wheel "Fast Throw" volume control
3. Momentary push-to-talk trigger switch
4. Replaceable belt clip
5. Lanyard strap



4 Different ways to connect to your phone system

P/N:	JPL Scout 1100	JPL Scout 1200	JPL Scout 1300	JPL Scout 1300A	JPL Scout Belt Clip
Connection Type (Headset to device)	JPL/PLX* QD to JPL/PLX* QD	JPL/PLX* QD to USB-A/USB-C	JPL/PLX* QD to PJ-7 (2 prong plug)	JPL/PLX* QD to PJ-7 (2 prong plug)	Replacement Part
Cord Length	5ft (1.5m) Straight Cord	5ft (1.5m) Straight Cord	15ft (4.5m) Coiled Cord	15ft (4.5m) Coiled Cord	
SKU	575-406-1100	575-406-1200	575-406-1300	575-406-1300A	575-406-101

*Poly compatible QD. GN compatible QD available by special order, no price change.



Designed in the UK - Manufactured in South Korea

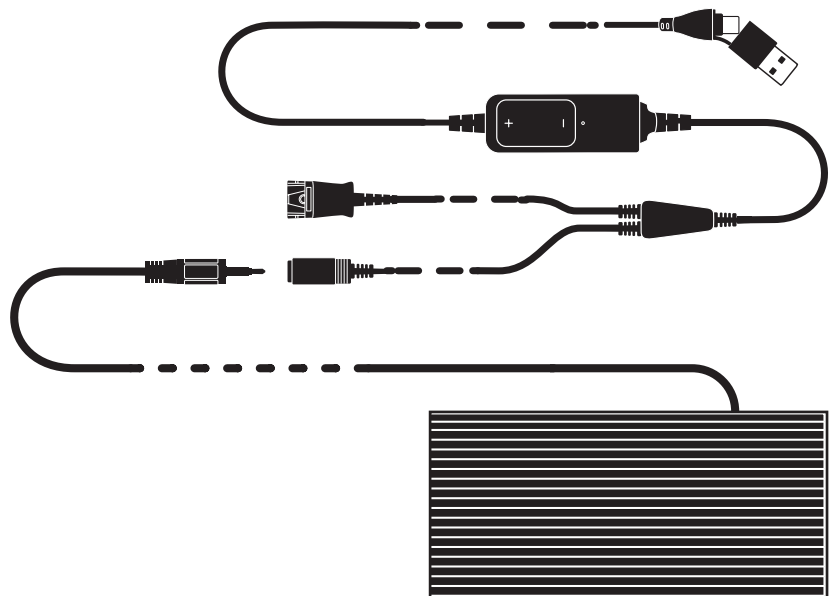
Scout 2100

Keeping your hands free for critical information typing, this **push-to-talk** foot pedal amplifier is ideal for use where secure, mission critical, conversations are needed, such as public safety dispatch, air-traffic control, radio dispatch operations, and training simulation.



Features & Benefits

- ✓ Durable PTT foot pedal
- ✓ 200mm/7.9" wide x 95mm/3.7" long
- ✓ Momentary action
- ✓ JPL/Poly QD headset connection
- ✓ 1 x USB port required for foot pedal and headset
- ✓ 2 year repair or replacement warranty



P/N: Scout 2100
SKU: 575-406-2100



Designed in the UK - Manufactured in South Korea

JPL Scout 500

An ergonomically designed **push-to-talk** headset amplifier hard wired to a professional noise cancelling binaural headset with 55mm soft leatherette ear cushions for use where secure, mission critical, conversations are needed, such as public safety dispatch, air-traffic control, radio dispatch operations, and training simulation.

Features & Benefits

- ✓ Modern robust design made from toughened plastic to withstand the harshest of conditions
- ✓ Push-to-talk switch with selectable locking or momentary operation
- ✓ Left and right side belt clip wearing styles
- ✓ Neatly positioned thumb wheel volume control
- ✓ Supplied with a lanyard strap and plastic screwdriver
- ✓ PJ-7 (2-prong plug) connection
- ✓ 15ft (4.5m) coiled cord
- ✓ Surround Shield™ noise cancelling microphone
- ✓ Wideband enabled speakers
- ✓ 55mm smooth leatherette ear cushions
- ✓ Overhead, secure-fit fully adjustable cushioned headband
- ✓ 24 Months warranty

P/N: JPL Scout 500
SKU: 575-406-500

Key Features

1. Thumb Wheel "Fast Throw" volume control
2. Momentary or locking push-to-talk trigger switch
3. Locking switch to change from momentary to locked switch
4. Replaceable left and right side wearing belt clip
5. Lanyard strap
6. Plastic screwdriver to change momentary to locking switch



Device:
PJ-7 (2 prong plug)



Quick Disconnect Headsets



JPL-Icon 100

Quick Features

- Single or dual speaker
- Noise cancelling microphone
- Large 72mm leatherette ear cushions
- 2 Year warranty

JPL-Connect

Quick Features

- Single or dual speaker
- Noise cancelling microphone
- Large 70mm leatherette ear cushions
- 3 Year limited warranty



SPECIAL ORDER

JPL-Icon 100 Camo

Quick Features

- Single or dual speaker
- Noise cancelling microphone
- Large 72mm leatherette ear cushions
- 2 Year warranty



Push-to-Talk Adapters

Common Push-to-Talk Trigger Switches

Model	SKU	Poly Model	PTT Config	Connector		Cable	Notes
				Headset	Host		
Scout 100 (Trigger Switch)	575-406-100	SHS 1051-XX	Dispatch	QD	QD*	5ft (1.5m) Straight cord	Lockable/ Momentary PTT
Scout 200 (Trigger Switch)	575-406-200	SHS 2626-11	Secure-Voice	QD	USB-A & C	5ft (1.5m) Straight cord	Lockable/ Momentary PTT
Scout 300 (Trigger Switch)	575-406-300	SHS 1890-XX	Dispatch	QD	PJ-7	15ft (4.5m) Coiled cord	Lockable/ Momentary PTT
Scout 300A (Trigger Switch)	575-406-300A	SHS 1890-XX	Dispatch	QD	PJ-7	15ft (4.5m) Coiled cord	Lockable/ Momentary PTT
Scout 400 (Trigger Switch)	575-406-400		Secure-Voice	3.5mm	USB-A & C	5ft (1.5m) Straight cord	Lockable/ Momentary PTT
Scout 1100 (Trigger Switch)	575-406-1100		Dispatch	QD	QD with adapter cable	5ft (1.5m) Straight cord	Momentary PTT
Scout 1200 (Trigger Switch)	575-406-1200	SHS 2371-XX	Secure-Voice	QD	USB-A & C	5ft (1.5m) Straight cord	Momentary PTT
Scout 1300 (Trigger Switch)	575-406-1300		Dispatch	QD	PJ-7	15ft (4.5m) Coiled cord	Momentary PTT
Scout 1300A (Trigger Switch)	575-406-1300A		Dispatch	QD	PJ-7	15ft (4.5m) Coiled cord	Momentary PTT
Scout 2100 (Foot Pedal)	575-406-2100		Secure-Voice	QD	USB-A & C		Momentary PTT
BL-22+P (Bottom Lead)	575-416-003		Secure-Voice	QD	PJ-7	10ft (3m) Coiled cord	Momentary PTT
BL-22A+P (Bottom Lead)	575-416-003A		Secure-Voice	QD	PJ-7	10ft (3m) Coiled cord	Momentary PTT

JPL has other Push-to-Talk adapters available on special request, please reach out for more information and complete the “Special PTT Design Worksheet” on the next page.

*Adapter cable required

JPL Ref No.:

Special PTT Design Worksheet – Headset and Adapter

The purpose of this worksheet is to capture the headset and adapter requirements you have, which are not satisfied by the current JPL PTT products. Please provide as many technical details as possible.

Please send completed form to support@jpltele.com or your account manager.

Customer Information

Contact name:

Phone number:

Email Address:

Company/Organization: .

Country/state/city:

Host Application

Specify the type, manufacturer, and model number of the equipment with which this headset is to be used.

Equipment Type:

Equipment Manufacturer:

Equipment Model Number:

Is a headset/adapter currently being used with this application? If so, please share:

Headset /Adapter Manufacturers:

Headset/Adapter Model Numbers:

Microphone Characteristics

Noise-Cancelling: Yes ☐ No ☐
Select One: Carbon-equivalent ☐ Electret/Condenser ☐ Dynamic (150 Ohms) ☐

Push-to-talk Configuration

Push-to-Talk Switch: Yes ☐ No ☐
Trigger: Momentary ☐ Locking ☐ Please state trigger function, Eg. Joystick 1
Configuration: Secure-Voice ☐ Dispatch PTK ☐

Headset Style

Speakers: Monaural ☐ Binaural ☐
Ear Cushion: On-ear ☐ Over-ear ☐
Other (please describe):

Headset Configuration

Single-Channel (allows user to listen to only one channel) ☐
Dual-Channel (allows user to listen to two different channel) ☐

Volume Control

Analog Volume Control: Yes ☐ No ☐
Digital Volume Control: Yes ☐ No ☐



Cable length (adapter to host)

10ft		15ft		25ft		Custom	
Straight Cable		Coil-Cable		Other			

Connector to Host

Please specify the manufacturer and part number of the connector that is required to connect the adapter to the host equipment. Please describe how the connector is wired by completing the table below.

USB-A		USB-C		Other	
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Connector Manufacturer:

Connector Part Number:

Headset Detection: Yes ☐ Specify type: No ☐

Connector Wiring

Headset/Adapter Function	Connector Pin Number, or Part ¹
Transmit ²	
Transmit ²	
Receiver1	
Receiver1	
Receiver2 (if applicable) ³	
Receiver2 (if applicable)	
Push to Talk Switch (if applicable)	
Push to Talk Switch (if applicable) ⁴	
Headset Detection (ADD) (if applicable) ⁴	
Headset Detection	

1. Depending on the connector, wiring is specified by referring to pin numbers (or letters) or connector parts (e.g., the tip, ring, and sleeve parts of a Plug-prong connector, like a PJ-7).

2. Please specify transmitter polarity if applicable, e.g., in the case of an electret mic.

3. A second receiver would only be specified in the case of a dual-channel headset.

4. A jumper wire or resistor is sometimes required in the connector to signal the host equipment that a headset is connected, commonly known as Automatic Device Detection (ADD).

Quantities

Expected initial order:

Estimated Yearly quantities:

Additional Notes

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We Hear Your Vision

08/25 E&OE



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