Push-To-Talk Adapter

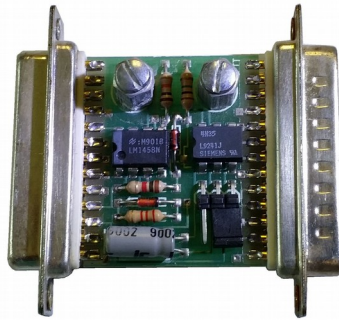## SPECIFICATIONS

Connectors:
DB-25P to DCE, DB-25S to DTE
Screw connectors to radio for
 PTT and Ground
Operation:
RTS Holdoff: ~20 ms
RTS Holdover: None
Power and Size:
+/- 9 to 12 VDC nominal on DCE
 pins 9 and 10
 2.15" x 2.25" x .63"

How to Order

Part #	Description	Price
9802001	PTT Adapter in DB25 hood	$Call

FEATURES

- **For Point-to-Point or Multi-Drop modems over radio connections**
- **Push-to-Talk adapter**
- **TTL and ground closure TT circuits are supported**
- **Compact Size, in a DB25 connector hood**
- **Powered by modem RS232 interface voltages**
- **Compatible with DCB 202T, V.23, Link1-TadilB, and LL Fast Poll modems**

INSTALLATION

First determine if the radio uses TTL or ground closure operation. Ground closure is recommended for long cable runs. If TTL operation is required, open the adapter and move the jumper from the default position to the position nearest the center of the circuit board. Install the PTT adapter between the terminal device and the modem.

DESCRIPTION

The DCB Push-To-Talk Adapter (PTT Adapter) is designed to control PTT in multi-drop radio applications. The PTT Adapter is an active device and requires positive voltage on pin 9 and negative voltage on pin 10 from the modem. External connections are required for PTT and Signal Ground to the radio transmitter. Both TTL and ground closure PTT circuits are supported. The factory setting is for ground closure.

The PTT Adapter holds off RTS from the modem for approximately 20 ms after the terminal RTS keys the transmitter. This insures the audio channel of the radios are ready before the terminal data is transmitted into the radio link by the modems.

The PTT Adapter has limited availability and is normally sold only in conjunction with DCB manufactured modems.