

# SPOK UNIVERSAL T3P/ T5 PPS INTERFACE



## INTRODUCTION:

The Spok Universal T3P/T5 PPS Interface supports both serial and USB connections to the user's PC. The "T-x FLEX Pager Program Software v4.10" or newer should be used with the Spok Universal T3P/T5 PPS Interface and will support the following pager types:

- T5
- T3 Plus
- Titan III
- Titan

Note: Using the Spok Universal T3P/T5 PPS Interface eliminates the need for a parallel interface port on the user's computer to program T3 Plus and Titan pagers.

## **PPS CONFIGURATION:**

The following items will guide you in setting up the PPS software for use with the Spok Universal T3P/T5 PPS Interface. The configuration screen is reached by starting the PPS program, entering suntelid when prompted for "Password", then navigating to Settings->Configuration.

- Select Enable in the "Serial Port" Box.
- If using the DB9 serial connection
  - Set the "COM Port" to the PCs serial port being used.
- If using the USB connection
  - A "Silicon Labs CP201x USB to UART Bridge" driver will be installed. The driver is provided in the PPS software installer.
  - Windows will assign an available serial port number to the new driver.
  - If the interface box is plugged into a different USB port, the assigned serial port number may change.
  - Identify the assigned serial port number.
    - The serial port number can be found in the Device Manager under Ports. To access
      - Device Manager
      - Press and Hold the Windows key, then press the R key("Run")
      - Type devmgmt.msc
      - The Device Manger Window will open.
    - On Windows 7, the assigned serial port can also be found under Start->Devices and Printers
  - Setup the "COM Port" to the assigned serial port number.
- Set the "Baud Rate" to 57600.
- Click "OK"

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#### **PPS OPERATION:**

The Spok Universal T3P/T5 PPS Interface will auto detect the type of pager placed in the cradle. A slight delay (1-2 seconds) may be experienced while the Interface determines the pager type. Once the interface has determined the pager type, (See LED Indicators below) you can read/write the pager configuration as normal.

#### LED INDICATORS:

The Spok Universal T3P/T5 Interface has 5 LED indicators. They are as follows:

- PWR
  - This LED lights when power is applied via the USB or serial interface.
  - If using the serial interface, the serial port must be opened by the PPS before the PWR LED will light.
- SVC
  - This LED lights when the T5 pager type is detected.
  - If read or write is attempted before the SVC LED is lit, a timeout will occur.
- TXD
  - This LED lights when transmit data is being sent.
  - The TXD LED will "flicker" when actively reading or writing the pager.
- RXD
  - The LED lights when receive data is being received.
  - The RXD LED will "flicker" when actively reading or writing the pager.
- ETC
  - This LED lights when a T3 Plus, or Titan pager type is detected. Will also light when the cradle is empty.
  - o If read or write is attempted before the ETC LED is lit, a timeout will occur.





# CONNECTION IMAGE:



