TACHTROL® plus
Digital Remote Display

Part Number Series
T77810

CE
RoHS

TACHTROL plus :

- An extension of the **TACHPAK** and **TACHTROL** lines. While this device has no intrinsic tachometer function, it is used as a remote display for **TACHPAK 10 & 30** and **TACHTROL 10 & 30**
- Serves as a gateway with both **TACHTROL** and **TACHPAK** instruments for secure, remote programming and alarm reset.
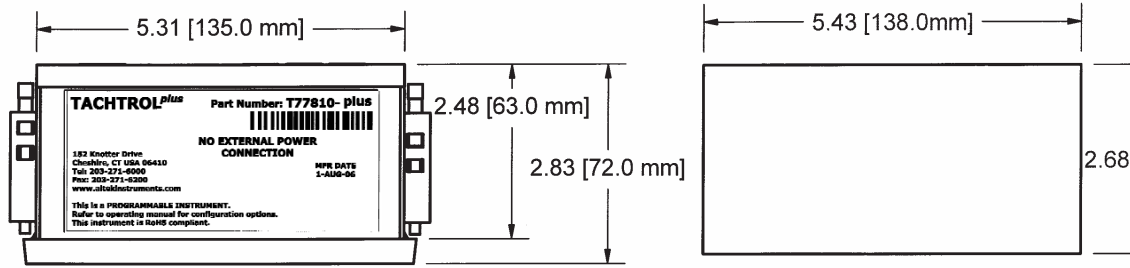- Use as a hub for multiplexing additional displays.

Programming Features:

Programming has been greatly simplified and can be accomplished by 2 different methods. Many configurable attributes have been added to improve flexibility and function.
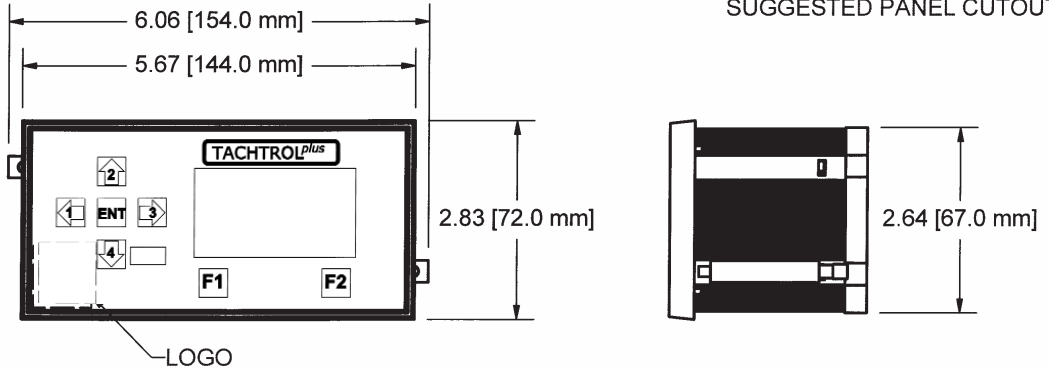
- Display front panel: **TACHTROL 10 and 30** can be programmed through the integrated display/membrane panel. **TACHPAK 10 and 30** can also be programmed in the same manner with the addition of a **TACHTROL plus** remote display. In either case programming is accomplished by navigating through a series of nested menus. In the case of tachometer instruments embedded in explosion proof or **NEMA 4X** enclosures, remote access solves the problem of programming by making use of an **IR** link to allow full front panel control via a hand-held remote.

- PC / Windows-based **TACHLINK**: Custom software allows the user to program all configurable attributes of **TACHPAK** and **TACHTROL by PC** via a **USB2.0** or **RS485** connection. In addition, the PC can be used to display data, perform security functions, diagnostics, analog output calibration and real-time data logging; all available through the **TACHLINK**.

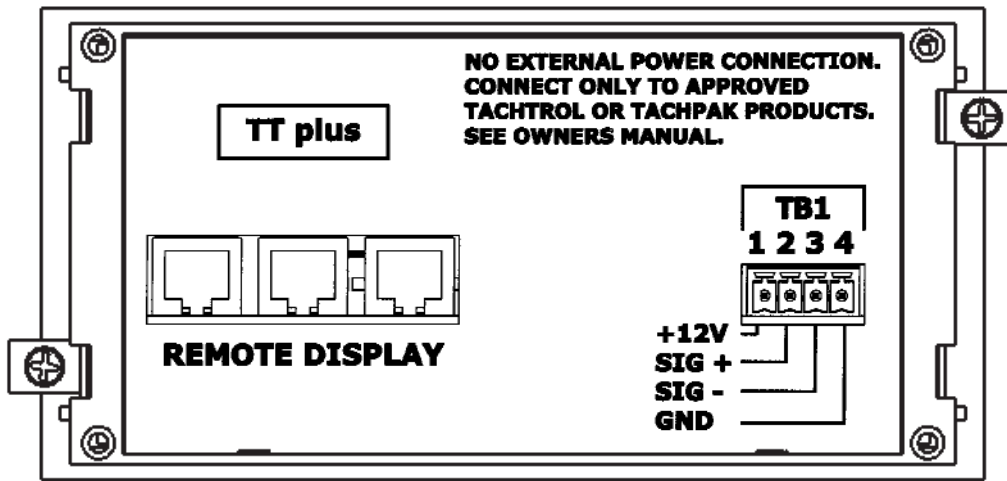| Ordering P/N	Input Power	Enclosure	Net Weight (lbs.)
T77810-10	80-264 Vac/12-30 Vdc	Std. Panel Mount	0.6
T77810-40	80-264 Vac/12-30 Vdc	NEMA 4X	3.7
T77810-70	80-264 Vac/12-30 Vdc	Explosion Proof	42.0

It is the customer's responsibility to determine whether the product is proper for customer's use and application.

AI-Tek Instruments, Cheshire, CT USA

TACHTROL^{plus}
Part Number: T77810- plus

NO EXTERNAL POWER
CONNECTION

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MFR DATE
1-AUG-06

This is a PROGRAMMABLE INSTRUMENT.
Refer to operating manual for configuration options.
This instrument is RoHS compliant.

5.31 [135.0 mm]

2.48 [63.0 mm]

2.83 [72.0 mm]

5.43 [138.0mm]

2.68

SUGGESTED PANEL CUTOUT

6.06 [154.0 mm]

5.67 [144.0 mm]

TACHTROL^{plus}

ENT

F1   F2

2.83 [72.0 mm]

2.64 [67.0 mm]

LOGO

PANEL MOUNT STANDARD ENCLOSURE

TT plus

NO EXTERNAL POWER CONNECTION.
CONNECT ONLY TO APPROVED
TACHTROL OR TACHPAK PRODUCTS.
SEE OWNERS MANUAL.

TB1
1 2 3 4

REMOTE DISPLAY

+12V
SIG +
SIG -
GND

REAR VIEW - CONNECTIONS

Table 2: Connection Information		
Terminal Block	Pin #	TACHTROL ^{plus}
TB1 Remote Display	1	+12vdc In
	2	Sig +
	3	Sig -
	4	Gnd
Remote Display	Use RJ11 type connector. See TB1 for individual breakout of pins.	