

STRATA Tx REMOTE

Remote Control Panel for STRATA
Transmitters



Overview

The STRATA Remote Control Panel provides instrument panel remote control of the STRATA transmitter system for either airborne or mobile operations. The panel provides full control and monitoring capability for STRATA transmitters.

It can either be handheld or installed in a standard aircraft instrumentation panel using "Dzus" connectors for easy installation and removal. The panel is ergonomically designed with well placed LED displays and color indicators to give the operator immediate notification of the transmitters operating parameters.

The operator can elect to use pre-configured Pre-Sets, or to access directly RF channels with off-sets at an instant. Presets are factory configured according to customer input, but can be later modified using the STRATA Configurator Software included with each STRATA Transmitter.

Control functions include RF Transmit/Standby, Hi/Lo RF Transmit Output, Presets 1-9, RF Channel w/ Off-Set selection, and Brightness level control. LED indicators display the real-time operating state of the transmitter.

The panel display brightness can be set in either manual or automatic mode. In the manual mode, the operator can select a desired "low" and "high" brightness setting. In the automatic mode, a sensor on the front panel measures the ambient light level and adjusts the display's brightness accordingly.

The panel can be mounted up to a 100 feet (30 meters) from the transmitter using only a 3-conductor serial inter-connection cable.

Applications

- Remote control of the STRATA Transmitter System for portable, mobile, or air airborne applications
- Features
- Compact size
- Simplified controls
- 9 programmable presets
- Fits standard instrument panel with "Dzus" type fasteners
- Standard RS-232 serial connection to STRATA Transmitter Control Unit (TCU) or Transmitter Unit (TXU)
- Simplified, easily read display, viewable in all lighting conditions
- Automatic or fixed intensity levels for indicator brightness
- Unique colors distinguish critical indicators



VISLINK GROUP

Specifications

GENERAL

Operating Temperature Range: -20° to +50° C

Operating Controls

Push Buttons:

RF Power: ON/OFF

Mode: Analog/Digital

Rotary Switches

Channel: Band Specific

Offset: +, -, 0

RF Power..... HI / LO

Preset..... 1-9 (Band Dependant)

LED Indicators

Transmit..... XMIT (blue) / STBY (amber)

RF Power..... HI (green) / LO (amber)

DC Power DC OK (green)

Fault..... Fault (red)

Mode Analog (amber) / Digital (white)

Displays

Channel/Offset..... 2 Digit LED

Preset..... 1 Digit LED

Display Brightness

Manual Mode High and Low Setting

Automatic..... Sensor measures ambient cabin light

Electrical

Operating Voltage: +10 Vdc to +48 Vdc

Power Connection: 2-pin Weidmuller Connector

Mechanical

Mounting Fasteners: "Dzus" Type Fastener
(Mounting Plate dimensions and fastener locations are in accordance with Military Specification #MS25212)

Panel Dimensions:

Width: 5.75" (15.2 cm)

Height: 2.25" (6 cm)

Depth: 2" (5.3 cm)

Weight: 0.4 lbs

Interface Connection

(STRATA TXU or TCU to Remote Control Panel)

Control Panel: 9-Pin D Connector

Protocol: Serial RS-232 level NRZI data with error correction

Data Rate: Fixed 9600 Baud

Maximum Cable Length (Tx to Remote):
100 ft (30 m)

Ordering Information

STRATA Transmit Remote Control 907621-1



STRATA TRANSMIT REMOTE CONTROL PANEL AND DISPLAY: (ACTUAL SIZE)



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