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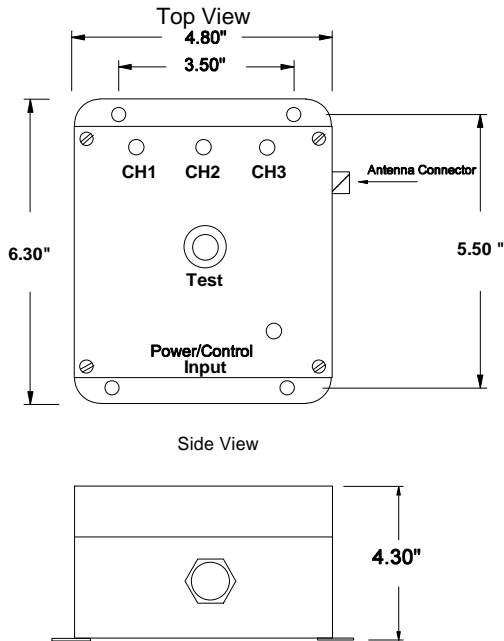
PRODUCT INFORMATION BULLETIN

AIR-EAGLE® XLT PLUS High Power RF Transmitter MULTI CONTACT INPUT MODEL 46-1000PI-TPA

DESCRIPTION

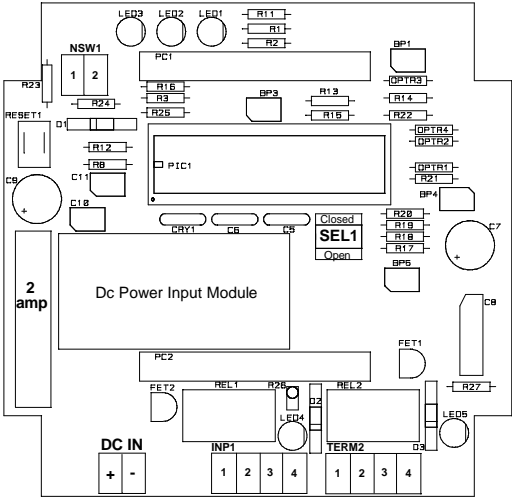
The model 46-1000PI-TPA, AIR-EAGLE XLT TX PLUS is a multi contact input R.F. transmitter designed to transmit unique signals to the model 46-2000PI-TPA AIR-EAGLE XLT PLUS RECEIVER. This model is specifically designed to interface with a relay output card for activating remote lightning warning beacons. This unit features a test button for transmitting a test signal to all receivers which insures signal integrity. The AIR-EAGLE XLT PLUS has a transmit output power of 1 watt for dramatic improvement of signal strength through and around buildings and other obstacles.

DIMENSIONS & INDICATORS



- CH1 LED** - Yellow LED illuminates continuously when the *alarm* beacon contacts are closed.
- POWER LED** - Green LED illuminates continuously when the DC power is applied.
- CH3 LED** - Red LED illuminates continuously while the test button is being depressed.
- TEST PUSHBUTTON** - A momentary pushbutton used to send a transmit a test signal to the receiver.

PC BOARD SET-UP INFORMATION



Make the following connections on the PC Board Terminal Strip:

DC INPUT TERMINAL STRIP (DC IN)	
Terminal 1	Positive (+) 12VDC INPUT from 120VAC adapter
Terminal 2	Negative (-) 12VDC INPUT from 120VAC adapter

INPUT 1 TERMINAL STRIP (INP1)	
Terminal 1	CH1 Dry Contact Input (+)
Terminal 2	CH1 Dry Contact Input (Common)
Terminal 3	Not Used On This Model
Terminal 4	Not Used On This Model

I/O TERMINAL STRIP (TERM2)	
Terminal 1	CH3 Test Switch Input (+)
Terminal 2	CH3 Test Switch Input (Common)
Terminal 3	Not Used
Terminal 4	Not Used

NETWORK SWITCH TERMINAL STRIP (NSW1)	
Terminal 1	Not Used On This Model
Terminal 2	Not Used On This Model

NETWORK SWITCH CONFIGURATION OPTIONS (SEL1)		
SW #	OPEN	CLOSED
SW1	Network #1	Network #2
SW2	Not Used	Not Used
SW3	Not Used	Not Used
SW4	Not Used	Not Used

AIR-EAGLE® XLT PLUS

High Power RF Transmitter
MULTI CONTACT INPUT

MODEL 46-1000PI-TPA

SPECIFICATIONS

Power Supply	120VAC from wall adapter
Fuse Protected	2 amp
Transmit Frequency	900MHz Spread Spectrum
RF Output Power	1W
Transmit Range	Up to 25 miles with external antenna - see accessories)
Enclosure	Fiberglass NEMA 12 + 13

REPLACEMENT PARTS & ACCESSORIES

PC Board (Main)	46-1002PI-TPA
Air-Eagle XLT Plus Receiver	46-2000PI-TPA
Replacement Transceiver Antennas:	
900MHz Omni Directional Base Antenna (For distances of up to 10 miles*)	49-3101
900MHz Yagi Directional Base Antenna (For distances of up to 25 miles*)	49-3102
Inline Lightning Arrestor	49-5002
* = Line of Sight	

LIMITED WARRANTY STATEMENT

BWI Eagle Inc. warrants the Air-Eagle XLT Remote Control System, if properly used and installed, will be free from defects in material and workmanship for a period of 1 year after date of purchase. Said warranty to include the repair or replacement of defective equipment. This warranty does not cover damage due to external causes, including accident, problems with electrical power, usage not in accordance with product instructions, misuse, neglect, alteration, repair, improper installation, or improper testing. This limited warranty, and any implied warranties that may exist under state law, apply only to the original purchaser of the equipment, and last only for as long as such purchaser continues to own the equipment. This warranty replaces all other warranties, express or implied including, but not limited to, the implied warranties or merchantability and fitness for a particular purpose. BWI Eagle makes no express warranties beyond those stated here. BWI disclaims without limitation, implied warranties of merchantability and fitness for a particular purpose. Some jurisdictions do not allow the exclusion of implied warranties so this limitation may not apply to you. To obtain warranty service, contact BWI Eagle for a return material authorization. When returning equipment to BWI Eagle, the customer assumes the risk of damage or loss during shipping and is responsible for the shipping costs incurred.

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