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# PRODUCT INFORMATION BULLETIN

## AIR-EAGLE® XLT 2.4GHz RF Transmitter SINGLE CONTACT INPUT MODEL 45-1000-12VDC

### DESCRIPTION

The model 45-1000-12VDC, AIR-EAGLE XLT TX is a single contact input R.F. transmitter designed to transmit a unique signal to the model 45-2000 AIR-EAGLE XLT RECEIVER OR THE 45-4000 AIR-EAGLE XLT TRANSCIVER which can be located up to 1 mile (\*) away. This model comes equipped with an input terminal strip and utilizes four lithium batteries (included) to provide power to the unit.

(\*) – Longer distances can be obtained with external antennas

### PC BOARD SET-UP INFORMATION

Make the following connections on the PC Board Terminal Strip:

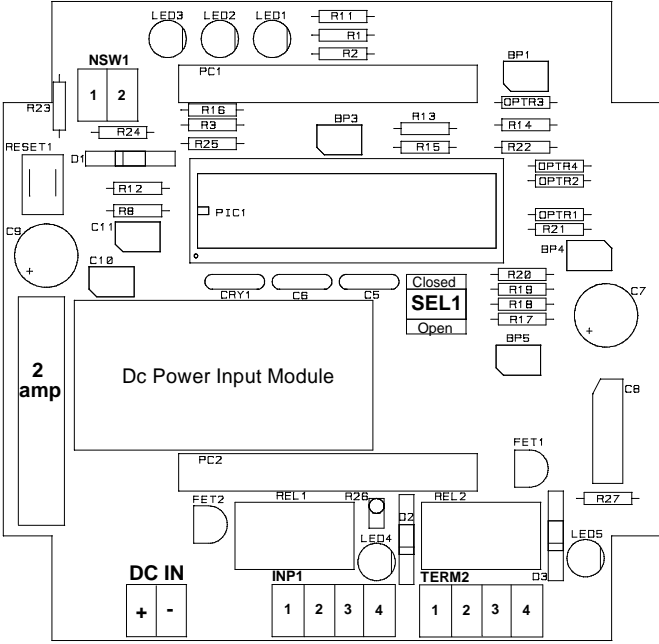
DC INPUT TERMINAL STRIP (DC IN)	
Terminal 1	Positive (+) 12VDC INPUT
Terminal 2	Negative (-) 12VDC INPUT

INPUT 1 TERMINAL STRIP (INP1)	
Terminal 1	Internal Jumper
Terminal 2	Internal Jumper
Terminal 3	Not Used On This Model
Terminal 4	Not Used On This Model

I/O TERMINAL STRIP (TERM2)	
Terminal 1	Not Used On This Model
Terminal 2	Not Used On This Model
Terminal 3	Not Used On This Model
Terminal 4	Not Used On This Model

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

NETWORK SWITCH CONFIGURATION OPTIONS (SEL1)				
SEL 1 (SW 1-3):	Network Address	SW1	SW2	SW3
USED TO SET NETWORK FREQUENCY	1	OPEN	OPEN	OPEN
	2	CLOSED	OPEN	OPEN
	3	OPEN	CLOSED	OPEN
	4	CLOSED	CLOSED	OPEN
	5	OPEN	OPEN	CLOSED
SEL 1 (SW4 – Not Used)				

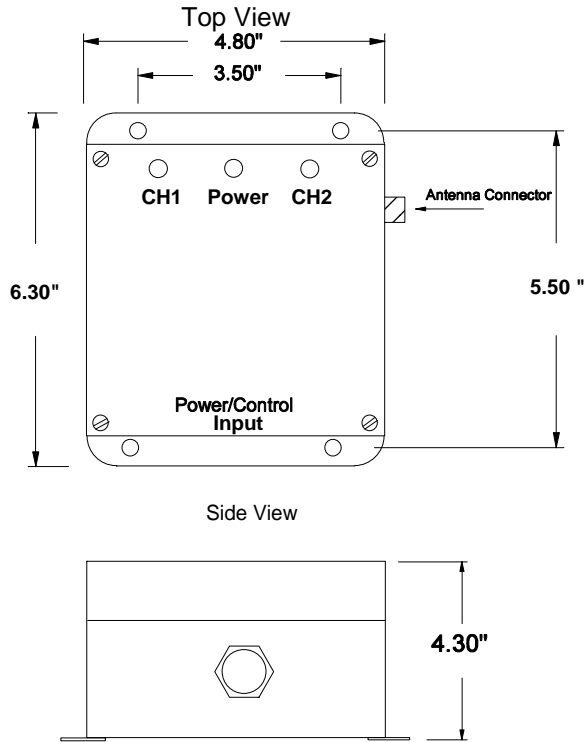


# AIR-EAGLE® XLT

2.4GHz RF Transmitter  
SINGLE CONTACT INPUT

**MODEL 45-1000-12VDC**

## DIMENSIONS & INDICATORS



**CH1 LED** – Red LED illuminates continuously when the contact input for Channel 1 is closed.

**POWER LED** – Green LED illuminates continuously while power is applied to the transmitter.

**CH2 LED** - Red LED illuminates continuously when the contact input for Channel 2 is closed.

## SPECIFICATIONS

Power Supply	9 – 18 VDC
Fuse Protected	2 amp
Transmit Frequency	2.4GHz Spread Spectrum
RF Output Power	50mW
Transmit Range	Up to 10 miles with external antenna - see accessories)
Enclosure	Fiberglass NEMA 12 + 13

## REPLACEMENT PARTS & ACCESSORIES

PC Board (Main)	45-1002
Air-Eagle XLT Transceiver	45-4000-HART
Replacement Transceiver Antennas:	
2.4GHz TNC Portable Antenna (For Distances Of Up To 1 Mile *)	49-1201
2.4GHz Omni Directional Base Antenna (For Distances Of Up To 10 Miles *)	49-3201
* = Line of Sight	

## LIMITED WARRANTY STATEMENT

BWI Eagle Inc. warrants the Air-Eagle 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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