



238 Pillow Street
Butler, PA 16001
724-283-4681
724-283-5939 (fax)
www.bwieagle.com

PRODUCT INFORMATION BULLETIN

AIR-EAGLE® GOLD PLUS 900 MHz RF Transmitter DUAL CONTACT INPUT MODEL 48-1000-120VAC

New and Improved Performance!

The Air-Eagle Gold Plus provides the same protection as the original Air-Eagle Gold but with enhanced output power. This allows for a 50% increase in overall range, while improving signal strength through and around buildings and other obstacles. These combine to maintain an even stronger "link" between transmitter and receiver.

DESCRIPTION

The AIR-EAGLE GOLD PLUS RADIO REMOTE TX IS a dual contact input transmitter designed to transmit a unique signal to the AIR-EAGLE GOLD 900MHZ RECEIVER. This model comes equipped with a terminal strip for ease of interfacing with any external **dry contact input** devices such as tilt switches, flow switches, speed switches etc.

PC BOARD SET-UP INFORMATION

Make the following connections on the PC Board Terminal Strip:

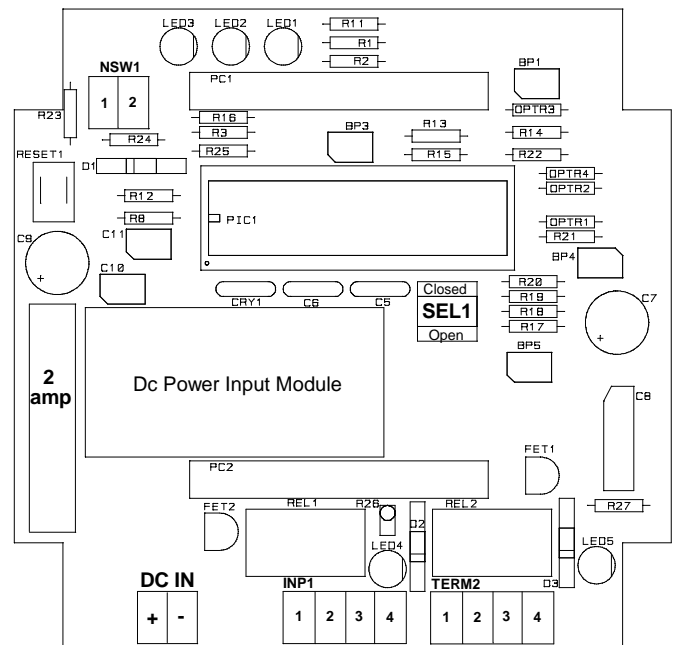
| DC INPUT TERMINAL STRIP (DC IN) | |
|---------------------------------|--|
| Terminal 1 | Positive (+) 12VDC INPUT from 120VAC Adapter |
| Terminal 2 | Negative (-) 12VDC INPUT from 120VAC Adapter |

| INPUT 1 TERMINAL STRIP (INP1) | |
|-------------------------------|--------------------------------|
| Terminal 1 | CH1 Dry Contact Input (+) |
| Terminal 2 | CH1 Dry Contact Input (Common) |
| Terminal 3 | CH2 Dry Contact Input (Common) |
| Terminal 4 | CH2 Dry Contact Input (+) |

| I/O TERMINAL STRIP (TERM2) | |
|----------------------------|------------------------|
| Terminal 1 | Not Used On This Model |
| Terminal 2 | 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) | | |
|---|----------|----------|
| SW # | OPEN | CLOSED |
| SW1 | Not Used | Not Used |
| SW2 | Not Used | Not Used |
| SW3 | Not Used | Not Used |
| SW4 | Not Used | Not Used |

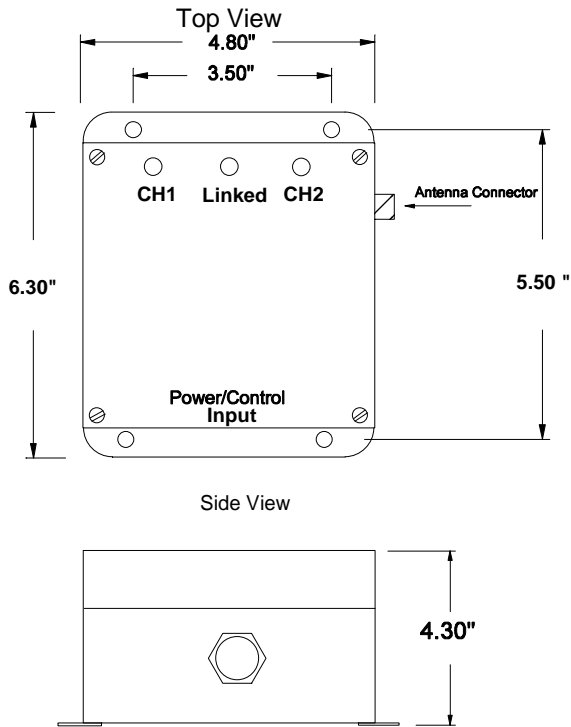


AIR-EAGLE® GOLD PLUS

900 MHz RF Transmitter
DUAL CONTACT INPUT

MODEL 48-1000-120VAC

DIMENSIONS & INDICATORS



CH1 LED - RED LED illuminates continuously while the CH1 contacts are closed.

LINKED LED - GREEN LED is illuminated while the transmitter is linked with the receiver.

CH2 LED - RED LED illuminates continuously while the CH2 contacts are closed.

SPECIFICATIONS

| | |
|--------------------|---|
| Power Supply | 120VAC from wall adapter |
| Fuse Protected | 2 amp |
| Transmit Frequency | 900 MHz - 74 Channel Auto-Select |
| RF Output Power | 1W |
| Transmit Range | Up to 10 miles with external antenna - see accessories) |
| Enclosure | Fiberglass NEMA 4, 4x, 12 + 13 |

REPLACEMENT PARTS & ACCESSORIES

| | |
|---|---------------|
| PC Board (Main) | 48-1002-12VDC |
| Air-Eagle Gold Plus Receiver | 48-5000 |
| Replacement Transceiver Antennas: | |
| 900MHz Omni Directional Antenna Medium Range Operation – For Ranges Up to 2 miles * | 49-3101 |
| 900MHz 13.9 dB Yagi Antenna Long Range Operation - External (Greater than 2 miles / Up to 10 miles) * | 49-3102 |
| Inline Lightning Arrestor | 49-5002 |
| * = 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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