



105 Bonnie Drive  
Butler, PA 16002  
724-283-4681  
724-283-5939 (fax)  
www.bwieagle.com

# PRODUCT INFORMATION BULLETIN

## AIR-EAGLE® XLT 900 MHz RF Transmitter MODEL 44-1100

### DESCRIPTION

The AIR-EAGLE XLT TX is a handheld R.F. transmitter capable of sending a unique digital command to any Air-Eagle XLT Receiver. The TX and RX combine to create a medium range remote control system that operates hazardous or hard-to-reach electrical apparatus from safe, convenient locations of up to 2500 feet away. This transmitter will automatically go into "sleep" mode when not in use to dramatically extend battery life and is designed with a customizable label for each individual customer's application.

### INITIAL OPERATION & SET-UP

This transmitter comes ready to operate, with batteries installed, and factory programmed to Frequency #1. No setup is necessary.

### PROGRAMMING & RELAY OPERATION

This transmitter is factory programmed to Frequency #1, and to operate Relay #1 in any Air-Eagle XLT Receiver. If you desire a different frequency or relay operation configuration, you must specify that information upon ordering. You can select a maximum of seven frequencies and eight relays - See example below:

| Frequency / Relay Configuration | Part Number for Ordering |
|---------------------------------|--------------------------|
| Frequency #1 / Relay 1          | 44-1100                  |
| Frequency #1 / Relay 2          | 44-1100-R2               |
| Frequency #1 / Relay 3          | 44-1100-R3               |
| Frequency #1 / Relay 4          | 44-1100-R4               |
| Frequency #1 / Relay 5          | 44-1100-R5               |
| Frequency #1 / Relay 6          | 44-1100-R6               |
| Frequency #1 / Relay 7          | 44-1100-R7               |
| Frequency #1 / Relay 8          | 44-1100-R8               |
| Frequency #2 / Relay 1          | 44-1100F2                |
| Frequency #2 / Relay 2          | 44-1100F2-R2             |
| Frequency #2 / Relay 3          | 44-1100F2-R3             |
| Frequency #2 / Relay 4          | 44-1100F2-R4             |
| Frequency #2 / Relay 5          | 44-1100F2-R5             |
| Frequency #2 / Relay 6          | 44-1100F2-R6             |
| Frequency #2 / Relay 7          | 44-1100F2-R7             |
| Frequency #2 / Relay 8          | 44-1100F2-R8             |
| etc...                          |                          |



Dimensions – 4.14" L x 2.29" W x .74" D  
(note: belt clip adds .48" to depth)

### CONTROLS & INDICATORS

|            |   |
|------------|---|
| TX LED     | Illuminates continuously while button is depressed and unit is transmitting. When this LED blinks briefly following a transmission, the battery needs to be replaced. See note* |
| Pushbutton | Transmits an individual RF code to the receiver   |

### APPROVALS

|                     |                |
|---------------------|----------------|
| United States (FCC) | MCQ-XBEEEXSC   |
| Canada (IC)         | 1846A-XBEEEXSC |

**AIR-EAGLE® XLT**  
**900 MHz RF Transmitter**  
**MODEL 44-1100**

**SPECIFICATIONS**

|  |  |
|--|--|
| Battery Life (Sleep Mode)  | Up to 1 Year   |
| Transmit Frequency   | 900 MHz Spread Spectrum  |
| RF Output Power  | 100 mW   |
| Transmit Range   | Approximately 2500 Feet  |
| Operating Temperature  | -40° F to +185° F  |
| Keypad   | Durable Sealed Membrane Keypad – Eliminates Dust, Dirt and Moisture Failures |
| Enclosure  | ABS Plastic – IP66 Sealed  |
| Power Requirements   | 3.0 VDC  |
| Battery Type   | (2) 1.5V lithium each, size AAA , to equal 3.0VDC nominal.                   |
| <b>*Note: Current frequency settings are maintained in flash memory during battery replacement. No reprogramming of frequency settings is necessary!</b> |  |
| Battery Life (Active Usage)  | Up to 3 months   |

**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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