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# PRODUCT INFORMATION BULLETIN

## AIR-EAGLE® XLT Signal Strength Display MODEL 44-0000

### DESCRIPTION

The AIR-EAGLE XLT SIGNAL STRENGTH DISPLAY is a battery operated receiver, designed to measure (by LED display) the signal strength of any XLT Transmitter in the area. This allows the installer to easily choose the optimum location for an XLT receiver or to determine whether a larger gain antenna may be required at a particular location. This test of signal integrity will assist the user in eliminating any possibility of signal loss and/or misinterpreted signals. Like a standard XLT receiver, this unit has on board dip switches to change network settings as required in installations having more than one transmitter.

### SET-UP

1. Verify that the dip switches are set accordingly with the transmitter being tested.
2. Install antenna. The unit has an antenna connector located on the right side on the enclosure. Attach the portable antenna to this connector or coax cable if using an external base antenna.
3. There is a power switch located on the outside of the enclosure. Turn this switch to the "ON" position to activate the unit.
4. To insure maximum battery life, turn switch to "OFF" position once testing is completed.

### CONTROLS AND INDICATORS

CONTROL / INDICATOR	FUNCTION		
RECEIVER MODULE	RF module that receives data from the remote transmitter		
DISPLAY	7-Segment LED displays a number corresponding to the signal strength being received		
SEL 1 (SW1 & 2):	Network Address	SW1	SW2
USED TO SET NETWORK FREQUENCY	#1	OPEN	OPEN
	#2	CLOSED	OPEN
	#3	OPEN	CLOSED
	#4	CLOSED	CLOSED
SEL1 (SW3 & 4)	Not used – Future Expansion		



### GENERAL OPERATION

The LED display continually updates, indicating the current signal strength being received.

NUMERIC DISPLAY	(SIGNAL STRENGTH INDICATION)
"0"	Power on / No Signal being received
"1"	Signal Strength "1" received (weakest)
"2"	Signal Strength "2" received
"3"	Signal Strength "3" received
"4"	Signal Strength "4" received
"5"	Signal Strength "5" received
"6"	Signal Strength "6" received
"7"	Signal Strength "7" received
"8"	Signal Strength "8" received
"9"	Signal Strength "9" received (strongest)

When choosing a location for the XLT system, the strongest possible signal will increase reliability of transmissions. If you cannot reach a signal strength of at least "2", the receiver may need to be relocated or a higher gain antenna should be installed. If you have any questions, contact BWI Eagle for support. Phone – (724) 283-4681

### SPECIFICATIONS / REPLACEMENT PARTS

Batteries	(4) Alkaline D cells
Dimensions	8W x 6L x 4D
Enclosure	Hinged fiberglass with window / NEMA 4, 4x, 12 + 13
Antenna	BWI P/N 49-1103