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PRODUCT INFORMATION BULLETIN

AIR-EAGLE® SR 2.4 GHz RF Transmitter MODEL 38-1320

DESCRIPTION

The AIR-EAGLE SR TX is a handheld R.F. transmitter designed to send digital commands to the Air-Eagle SR Receiver, model 30-2020. The model 38-1320 has a small "Stop" pushbutton on the top of the enclosure which allows the operator to instantly shut down the equipment if a problem is detected. This unit automatically transmits a code to the receiver every 30 seconds to keep the receiver's control relay energized. The control relay will de-energize after a 1 minute period of communication loss, as would result if the operator continually exceeds the 300 foot range of the system. This transmitter will automatically go into "sleep" mode when no buttons are being depressed on the unit to dramatically extend battery life.

APPROVALS

United States (FCC)	OUR-XBEEPRO
Canada (IC)	4214A-XBEEPRO
Europe (CE)	ETSI

INITIAL OPERATION SET-UP

This transmitter comes ready to operate, with batteries installed, and factory programmed to Frequency #1.

The following steps must be followed to turn system on or off.

Turn System On:

Step #1 – Depress and hold the On/Silent/Off button until the TX LED comes on solid – approximately 2 seconds.

Step #2 – Release the On/Silent/Off button. The TX LED will extinguish. Approximately every 10 seconds, the TX LED will blink. This shows the operator that the unit is powered up and functioning properly.

Turn System Off:

Step #1 – Depress and hold the On/Silent/Off button until the TX LED comes on solid – approximately 2 seconds

Step #2 – Release the On/Silent/Off button. The TX LED will flash once. The transmitter is now off.



CONTROLS & INDICATORS

TX LED	Blinks approximately every 10 seconds to indicate the transmitter is powered up and functioning properly. When this LED blinks briefly following a transmission, the battery needs to be replaced. See note*
On/Silent/Off Pushbutton	Depress button for 2 seconds to turn system either on or off.

SPECIFICATIONS

Keypad	Durable Sealed Membrane Keypad – Eliminates Dust, Dirt and Moisture Failures
Enclosure	ABS Plastic – with IP66 Option
Power Requirements	3.0 VDC
Battery Type	(2) 1.5V lithium each, size AAA , to equal 3.0VDC nominal.
*Note: Current frequency settings are maintained in flash memory during battery replacement. No reprogramming of frequency settings is necessary!	
Battery Life (Active Usage)	Up to 9 months
Battery Life (Sleep Mode)	Up to 1 ½ Year
Transmit Frequency	2.4GHz Spread Spectrum
RF Output Power	1 mW
Transmit Channels	Four Independent Frequencies
Transmit Range	Approximately 300 Feet
Operating Temperature	-40° F to +185° F

AIR-EAGLE® SR
2.4 GHz RF Transmitter
MODEL 38-1320

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 of 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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