



TX-7471-C232 TRANSCEIVER



SPECIFICATIONS TX-7471-C232 PAGING SYSTEM TRANSMITTER	
Dimensions & Weight	9.5"w x 4"h x 4.5"d · 0.7 lbs
Operating Environment	<ul style="list-style-type: none"> · Operating temperature range: 0 to 60 degrees Celsius · Humidity: <95% (non-condensing) · Transport temperature range: -40 to 85 degrees Celsius
Power	<ul style="list-style-type: none"> · 5.5 mm barrel jack · 12 VDC +/- 15%, 2 A minimum, positive tip
Paging Transmitter	<ul style="list-style-type: none"> · Output power: 3/4 Watt (Note: Maximum power output varies according to regulatory domain) · Frequency Range: 425 MHz - 470 MHz (Note: Supported frequencies vary according to regulatory domain) · Bandwidth: 12.5 kHz - 12.5 kHz FCC narrow-band directive compliant · Modulation: 2-GFSK (Gaussian Frequency Shift Keying) (Note: Compatible with 2-FSK systems) · Deviation: 3.5 kHz (Note: Compatible with 4.5 kHz deviation systems) · OTA baud rate: 625 - 2400 · Frequency stability: +/- 5 ppm (+/- 2 ppm typical) over operating temperature and voltage range · Antenna connector: 50 ohm BNC · Standard supplied antenna: Rubber duck type antenna with optional right angle adapter · Maximum transmitter duty cycle: 50% (averaged over 1 minute) · Maximum Permissible Exposure: Distance between antenna and users should not be less than 20 cm to comply with ANSI C95.1 and FCC OET Bulletin 65
Paging Receiver	<ul style="list-style-type: none"> · Frequency Range: 425 MHz - 470 MHz
Supported Paging Protocols	<ul style="list-style-type: none"> · Proprietary LRS protocol · POCSAG alphanumeric at 512, 1200, and 2400 baud





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Networking	<ul style="list-style-type: none">· Standard DE-9 (e.g. RS-232C) connector· Interface protocols:<ul style="list-style-type: none">- Backwards compatible with previous generation LRS transmitters- Compatible with Micros paging interface
User Interface	<ul style="list-style-type: none">· None
Dry Contacts	<ul style="list-style-type: none">· 2 dry contacts available· 2.5 mm TR jack· Pulled up to 3.3 V with 10 kOhm resistor· ESD protected· Does not source current· Configurable to send page / SMS message on rising or falling edge· Change notifications output over serial interface
Firmware Upgrades	<ul style="list-style-type: none">· Firmware can be updated through the serial port
Certifications	<ul style="list-style-type: none">· FCC<ul style="list-style-type: none">- Part 90 (Land Mobile Radio Services) mobile base station licensed transmitter- Part 15 Class B digital device

