



MATSUP™

LONG RANGE RF

Mini Alarm Transmitter

Interface with any alarm panel for FULL CONTACT ID reporting | FCC, CE & EN Approved | Compact and easy to install | Field programmable via Hand-held or laptop | 7 dry contact inputs | Synthesized UHF units | Double frequencies for backup and extra security | Built-in 7AH battery charger

In general:

The MATSUP (High-Power) (UHF 430-470 MHz) units are a new generation of advanced, high-performance, RF alarm transmitters. Manufactured using the latest SMD technology. The MATSUP™ (High-Power) unit delivers a winning combination of reliability and cost. Compact in form but powerful in performance, the MATSUP™ (High-Power) units offers Full Contact-ID reporting over a long-range wireless link or long-range wireless links to the Central Station. Field programming allows installer to set up parameters such as ID, frequencies, periodic test, power output, etc. Flexibility allows using MATSUP™ (High-Power) in any configuration - use it combined with

any alarm panel to report full data, or as a stand-alone transmitter for panic button or guard control applications. Reliability was the major factor taken into consideration during development of the MATSUP™ (High-Power), resulting in many built-in features such as double frequency reporting and unique error checking and data protection.

The proof is in the product – almost two million MATSUP™ (High-Power) units successfully deployed worldwide.

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Alarm Transmitter

Product Specifications

GENERAL

Power Supply	AC 16V input (charger), DC input 10.5-14.5 VDC, 18mA standby
Operating Temp.	-30°C to 60°C (-22°F to 140°F)
Storage Temp.	-40°C to 70°C (-40°F to 158°F)

RF TRANSMITTER

Frequency	UHF: 430-470 MHz
Modulation	FM, FSK & PWM
Power Output	VUHF: 7W
Frequency Stability	±5 ppm at -30°C to 60°C (-22°F to 140°F)
Deviation (factory adjusted)	±2.0 for 12.5 KHz bands
Output Impedance	50Ω BNC antenna connector

PROTOCOLS

Encoding	64 bit words in LARSII protocol
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Ordering Information

Part Number	Description
MATSUBP	Mini Alarm Transmitter High Power, UHF 430-470.9875MHz, 7 inputs, Housed
MATSUBPDI	Mini Alarm Transmitter High Power, UHF 430-470.9875MHz, 7 inputs + DI, Housed