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Find the *Maxon America SD-125U2* at our website: ***Click HERE***

Maxon SD125 RF LINK MODULE

maxon



FEATURES

- Synthesised frequency tuning
- 9 pin Interface connector
- Operates from 9V DC to 18V DC
- 1 - 5W transmit power
- Programmable up to 16 channels
- Die-cast housing
- Time-out timer function

Maxon's SD125 RF Link modules allow RF signals to be exchanged with devices like emergency asistance "call boxes", irrigation sysytems, electronic signs and any application that requires remote control or telemetry.

Compact size and multi-voltage DC connection capability gives the module flexibility in use.

Flexible audio interfacing allows a range of external devices such as a modem to be added to further enhance the systems capabilities.

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GENERAL

Performance Specifications	The SD125 is not R&TTE or ETSI approved. Only available to non-EEA countries.
Band	VHF (V2): 146 - 174MHz UHF (U1): 400 - 430MHz (U2): 440 - 470MHz (Full switching bandwidth)
Number of Channels	1 of 16, Dip switch selectable
Frequency Source	
Channel Spacing	12.5kHz, 20kHz or 25kHz all programmable
Operation	Half Duplex
PLL Step	5.0 / 6.25 KHz
Antenna Impedance	50 Ohm
Power Supply	12V dc nominal +9V to +18V dc acceptable
Current Consumption	
Weight	218g
Physical Dimensions	117 (L) x 62 (W) x 30 (D)

TRANSMITTER

RF Output Power	1W - 5W programmable (high / low)
Spurious and Harmonics	<60dB
Modulation	11K0F3E, 16KOF3E, 19K6F3D
FM Hum and Nose	>40dB @ 12.5KHz >40dB @ 25KHz
Modulation Sensitivity	100mV RMS @ 60% peak dev.

RECEIVER

Receiver Sensitivity	12dB SINAD	UHF: Better than 0.35dB µV VHF: Better than 0.28dB µV
Selectivity	>50dB @ 12.5KHz >60dB @ 25KHz	
Spurious Response	70dB	
Audio Output	2.50V @ 600 Ohms	
Data Output	250mV rms	

ENVIRONMENTAL

Operating Temperature Range	-30 to +60 deg C extreme

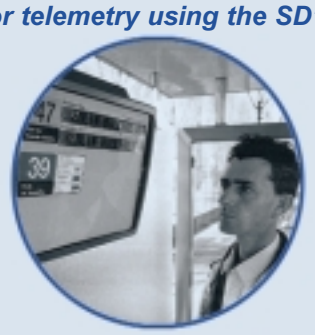
Figures above are typical and measured under normal operating conditions. As such they will not form part of any contract. Our policy is one of continuous improvement and we reserve the right to change product specifications without notice.

APPLICATIONS

Some possible applications for the use of remote control or telemetry using the SD125.







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