

MAXON DATA RADIOS

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11535 W 83rd Terrace, Lenexa, KS 66214



Applications

Water/Waste Treatment Plants, Oil and Gas Field SCADA, Security/Alarm Systems, Siren Control, Gate Systems, Sign Control, Weather Monitoring, Irrigation Systems, Emergency Call Boxes, Voice/Call Boxes, Remote Controls & Switches, And Low Power Digital Repeaters

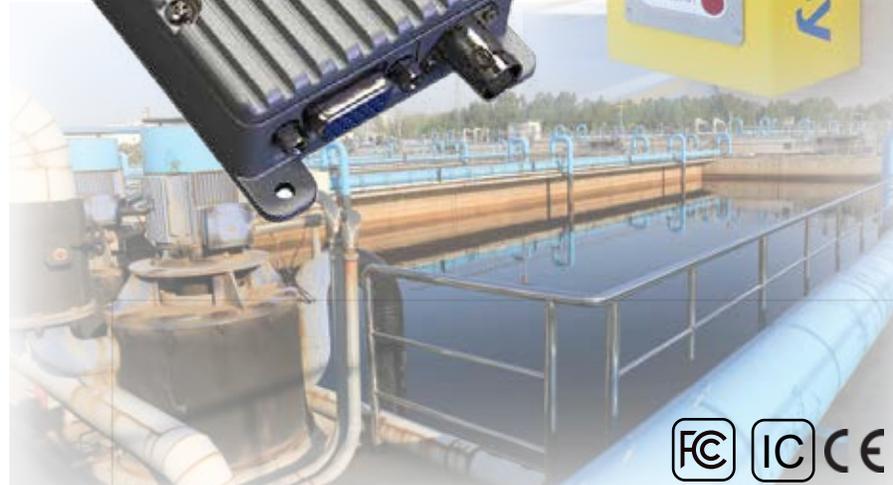
SD-670D SERIES

DMR – RF Data Modem

SD-671D V2 10/5/1W VHF (150-174 MHz)

SD-674D U2 5/1W UHF (410-470 MHz)

DMR



- Power Output Programmable Per Channel:
10/5/1W for VHF, 5/1W for UHF
- Analog/DMR Tier II TDMA
- 32 Channels (*DIP Switch*)
- 9V to 24V DC Operation
- LED Status Indicator
- RF Communication Data Speed 9600bps (*OTA*)
- Digital Voice uses AMBE+2 Voice Codec
- DE-15 Pin Female Connector, TTL Serial
- Built-In AT Commands
- AES 256-bit Encryption (*AES-CTR*)



maxon[®]

COMMUNICATIONS MAXIMIZED



Chatter Box!

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SD-125EL

SD-125EL V2 VHF (148-174 MHz)
SD-125EL U1 UHF (400-430 MHz)
SD-125EL U2 UHF (440-470 MHz)

- 5/1 Watt
- LED Status Indicator
- 16 Channels (*DIP Switch*)
- Carrier Detect
- TX Time Out Timer
- Busy Channel Lockout
- DE-9 Pin Male Connector
- 12.5/25 kHz Channel Spacing
- BNC Female Antenna Connector
- POCSAG Protocol Optional



SD-170EX

SD-171EX VHF (146-174 MHz)
SD-174EX UHF (450-490 MHz)

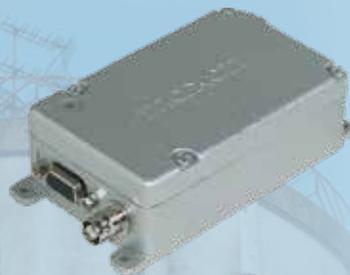
- 5/1 Watt
- LED Status Indicator
- 16 Channels (*DIP Switch*)
- CTCSS/DCS
- TX Time Out Timer
- Carrier Detect
- 2-Tone Decode
- Busy Channel Lockout
- DE-9 Pin Male Connector
- 12.5/25 kHz Channel Spacing
- POCSAG Protocol Optional
- Squelch – Software Aligned



SD-170EL

SD-171EL VHF (146-174 MHz)
SD-174EL UHF (450-490 MHz)

- 5/1 Watt
- LED Status Indicator
- 16 Channels (*DIP Switch*)
- CTCSS/DCS
- 2-Tone Decode
- TX Time Out Timer
- Carrier Detect
- DE-15 Pin Female Connector
- 12.5/25 kHz Channel Spacing
- Modem Options* (GMSK/FFSK)
- Busy Channel Lockout



*ACC-513E GMSK 9600 Baud
ACC-514E FFSK 4800 Baud



SD-270

SD-271 V2 VHF (136-174 MHz)
SD-274 U1 UHF (400-440 MHz)*
SD-274 U2 UHF (430-470 MHz)*
SD-274 U3 UHF (450-490 MHz)

- 5/1 Watt
- LED Status Indicator
- 16 Channels (*DIP Switch*)
- Modem Options* (GMSK/4FSK)
- Supports 19200 bps Data Rate
- CTCSS/DCS
- DE-15 Pin Female Connector
- 12.5/25 kHz Channel Spacing
- Variable Speaker Output
- 6 Programmable Squelch Levels
- External Software Channel Steering



*ACC-213 GMSK 9600 Baud
ACC-214 4FSK 19200 Baud

**U1 & U2 models
not FCC approved

