



Remote Circuit Controller Module

Model RCC-4

RCC-4 Remote Circuit Controller Module.

Available in VHF POCSAG, UHF POCSAG, and 900 band FLEX.

Specify operating frequency, cap code, and RF data rate (VHF/UHF only).

Requires NEMA electrical enclosure, sold separately



Specifications:

Physical and Environmental Specifications

- ▶ Dimensions: 16" x 8.5" x 4", not including antenna.
- ▶ Operating Temperature: -10 to +60°C
- ▶ Humidity: 95 % non-condensing
- ▶ RF I/O: external rubber duck antenna and included 3 ft. coax patch cable with thru bulkhead BNC adapter

General Electrical Specifications

- ▶ Power supply: 110VAC, onboard 110VAC/12VDC power adapter
- ▶ Power consumption: <200mA
- ▶ Frequency range: 150-160MHz (POCSAG)
- ▶ 450-470MHz (POCSAG)
- ▶ 929-931MHz (FLEX)
- ▶ Maximum message length: 2000 characters

Specifications of Receiver Section

- ▶ Receiver sensitivity (512 bps): 99% decode at 0.20uV measured at SMA connector.
- ▶ Adjacent channel rejection: 65dB
- ▶ Image and spurious rejection: 55dB
- ▶ Intermodulation rejection: 60dB
- ▶ Channel Spacing: 25 kHz or 12.5 kHz

User Features

- ▶ Digital outputs: 4 Relay outputs, SPST-NO, Form C, 5A 120VAC rated capacity
- ▶ Address codes: 6 cap codes with 4 function codes per cap code (POCSAG), or 16 cap codes (FLEX)
- ▶ Subcode feature, allowing multiple receivers to be used with one paging account
- ▶ Control outputs: The relay outputs respond to commands similar to Motorola's *DataNet* RCD-1, e.g. 77XX and 7014X formats. The relay outputs can also be configured to automatically activate for X seconds on new message arrival.