

CMR-KIT

Bidding Specifications

Remote control shall be the CMR-KIT as manufactured under the brand name Irritrol and connected and used in compliance with FCC regulations and manufacturer's published instructions.

Operation: Remote control transmitter and receiver shall have an operating range up to 1.5 miles line-of-sight (LOS) with a typical urban range up to ½ mile. The system shall remotely operate and be compatible with several series of Irritrol and Toro brand irrigation controllers for maintenance and troubleshooting applications. The station operations available shall be, but not be limited to, turning a controller station on or off, advancing up or down to operate the adjacent station, pausing and resuming a station's operation and starting a 2-minute test run of all stations in sequence. The remote control system shall be available in an all-in-one kit with carrying case in addition to each component available separately. The remote shall be settable up to 999 addresses to prevent interference or "cross talk" with other CMR receivers and shall be settable up to 99 stations. The remote system shall utilize a quick connect/disconnect assembly to allow the receiver to be easily moved from one controller to another.

Construction: The remote control transmitter and receiver shall be constructed of a durable polymer and shall be resistant to incidental water mist and spray though not waterproof. The wall/conduit mount connector shall include a cover or cap for weather resistance between uses.

Electrical and RF: The VHF remote system shall utilize MURS designated frequencies with the ability to detect and avoid busy channels. A dual rate charger shall be connectable to the transmitter to recharge the four (4) AA size NiMH batteries while still installed. The receiver shall be powered by the controller to which it is connected and shall draw <75mA, AC. The system's modulation shall be FM..