

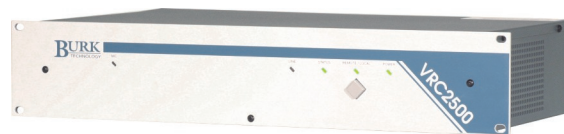
Transmitter Remote Control

AutoPilot® 2010

Use the optional AutoPilot 2010 software to manage your VRC2500 systems along with GSC3000, ARC Plus and ARC-16 remote controls.

Add IP Connectivity

Use the optional GSC/VRC IP Converter to add IP access to the VRC2500, allowing connectivity from multiple users with no geographic boundaries.



- Ideal for single-site stations
- Built-in automatic functions
- 16 channels each of metering, status and commands
- Dialup voice reporting and control
- Stand-alone operation or use a PC for full-time monitoring

Remote Monitoring and Site Automation

Keeping your station on the air—and making it profitable—is a full-time job. Managing on-air talent, staff, promotions, programming and studio maintenance takes a lot of effort. Keeping an eye on your transmitter is no exception, especially if you operate unattended. You want a remote control system that can notify you of alarms, but more importantly, can automatically take corrective action on its own.

The answer is the VRC2500 transmitter remote control. If something goes wrong, the VRC2500 can fix the problem by taking corrective action using user-created macros. It can also call to report the problem and allow you to issue commands or run a macro. With the VRC2500, it's like having someone at the transmitter 24 hours a day.

No Studio Unit Required

The VRC2500 is a dialup remote control system. You can access the VRC2500 virtually anywhere, whether you're at home, at the office, or on the road. Communicate with the remote control by telephone using the built-in text-to-speech interface, or from a computer using a full-time or dialup modem connection.

Secure Access

There's no need to worry about unauthorized personnel access the VRC2500. The system has three access levels: Observer, Operator and System. Grant access to staff knowing that accidental commands or configuration changes are prevented by built-in per-user security.

Accessories

AutoPilot® 2010

AutoPilot 2010 merges the robust performance of the VRC2500 with the power and convenience of PC-based facility management.

GSC/VRC IP Converter

Add IP connectivity and multi-user access to the VRC2500. Use existing IP links to eliminate costly dialup circuits.

For a full list of accessories, visit www.burk.com.

Wiring Interface

Facilitates wiring 16 status and 16 meter inputs to the VRC2500 in a compact 1RU panel.

Command Relay

Provides 8 pairs of relays for use with the VRC2500.

Specifications

Dimensions:

3.5" (8.89cm) H
19" (48.26cm) W
10.75" (27.31cm) D

Operating Temperature:

0° to 50° C

Memory Type:

CMOS static RAM / Flash EPROM (non-volatile memory)

Front Panel Controls:

Remote/Local button for suspending remote commands; Power, status, line LED indicators; Microphone to monitor remote location

Rear Panel Connectors:

Power:
100–240VAC, 50–60Hz; 16W

Full-Time and Direct Ports:

DB9; RS232 at 19,200bps

Dialup:

DB9; RS232 at 19,200bps

Command 1-8, 9-16

DB37; open collector, 30VDC, 250mA maximum

Metering:

DB37; input impedance greater than 100kOhms, unbalanced during measurement; >10MOhms, unbalanced, quiescent (nonsampling); 0–10VDC and -5 to 5VDC nominal; 2.44mVDC resolution (12-bit resolution over 10V range); input limits not to exceed -16VDC or 16VDC; RFI immunity at 70dB at 1MHz, 140dB at 100MHz, 170dB at 500MHz

Status:

DB37; 16 binary (low/high) channels; input impedance > 24kOhms; input voltage range -30–30VDC continuous; toggle threshold low-to-high with pull-down at 2.5VDC (CMOS compatible), high-to-low with pull-up at 1.5VDC (TTL compatible); RFI immunity 70dB at 1MHz, 140dB at 100MHz, 170dB at 500MHz

Line, Set/Modem:

RJ-11 connector for telephone line

Audio Out:

Audio from telephone line

Audio In:

Feeds audio to telephone line

Approvals:



About Burk Technology

Burk Technology leads the industry in transmitter remote control and monitoring, offering innovative approaches to total station control and operation.

Founded in 1985, Burk Technology's sole objective is to build facility management and remote control systems that appeal to stations of all sizes around the world.

Today the company's solutions are considered to be "best-in-class" and continue to evolve, anticipating economic, regulatory and technological changes.