

Remote Management Switches



Remote, out-of-band management for
four RS-232 ports and four power outlets.

FEATURES

- Dial in from a remote location to control power and ports for up to four devices.
- Switch one RS-232 channel to any of four ports.
- Control power to up to four devices.
- Optional built-in modem.
- Only takes 1U of rack space.
- Compatible with modem speeds from 300 bps to 115.2 kbps.
- Password protection ensures security.
- Control devices from an easy-to-use menu or by sending simple keyboard commands.

OVERVIEW

When you're paged after hours or from a remote site, count on the Remote Management Switch from Black Box. Just call in to reboot, switch power on or off, or switch ports. To save rack space, you can even order the switch with an internal 56-kbps modem.

The Remote Management Switch has four controllable AC outlets. Just switch one master RS-232 asynchronous channel between up to four ports using simple codes or easy menu commands. The switch has automatic rate detection so you can connect at speeds from 300 bps to 115.2 kbps and operates transparent to data until it receives a user command.

You can control the Remote Management Switch principally through an ASCII terminal interface, and when you connect to the switch using a terminal or PC running terminal emulation software, you get an easy-to-use menu to switch between ports or power relays.

By connecting to the master port, you can switch to any of the four ports (A through D) or operate any of the four relays. The menu enables you to name each port and power relay with a name that makes sense to you. You can also use the menu to define all switch parameters. A password and login procedure protects your system from unwanted intruders.

If you prefer, you can bypass the menu by transmitting escape codes directly to the master port. Define these escape codes through the setup menus.

There's also a lead control option, which allows any of the four ports to access the master port by raising its Request to Send (RTS) or Data Terminal Ready (DTR) control lead. Once a port has been connected via lead control, it remains connected until the control lead has gone low.

Select ports locally, too, with a front-panel push button. Each time you push the button, the switch will cycle to the next port. Front-panel LEDs show which port is selected. To return the switch to automatic operation, you simply press the push button switch for more than two seconds.

TECH SPECS

Character Format — 8 data, no parity, 1 stop bit/7 data even or odd parity, 1 stop bit

Speed — 300 bps to 115.2 kbps

Interface — RS-232, synchronous

Connectors — (4) DB25 F, (1) DB25 M;

Power input: (1) standard NEMA 5-15 plug;

Power output: (4) standard NEMA 5-15 receptacles

Indicators — LEDs: (4) power, (4) port

Power — 120 VAC, 60 Hz, internal (240-VAC version on request)

Size — 1.75"H (1U) x 19"W x 6.25"D (4.4 x 48.3 x 15.9 cm)

Weight — 5.5 lb. (2.5 kg)

WHAT'S INCLUDED

- ◆ Remote Management Switch
- ◆ RS-232 to modular adapter
- ◆ User's manual

Item	Code
Remote Management Switch	SW555A
Remote Management Switch with Modem	SW556A-R2