

RS-232 and RS-422 Code-Operated Switches

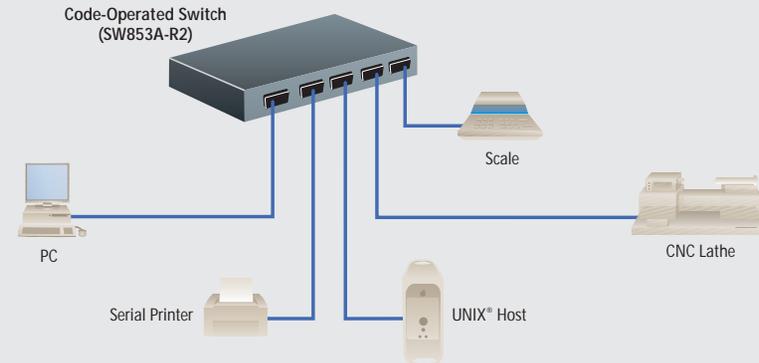


Control up to eight serial devices—
RS-232 or RS-422—from your PC.

FEATURES

- Support speeds to 76.8 kbps!
- Keep your connection safe—once a connection is made, other ports are locked out.
- DTE/DCE-selectable, so you can switch between a modem and a printer.
- Safe for use with laser printers.
- Includes a hardware-handshake lead in each direction for added control.

Typical application.



OVERVIEW

The BLACK BOX® Code-Operated Switch (RS-232 or RS-422) enables you to switch your serial devices with codes.

There's no unintended triggering either—no matter what data you're sending. With an internal DIP switch, you select the arming character to use as a trigger.

You can set each port individually as DTE or DCE. That's handy for switching among modems and printers. And your connection is secure. Once a connection is made, other ports are locked out. Remember that all ports need to be set to operate with identical speeds and word structures.

For extra control, there's a hardware-handshake lead in each direction in case a device (or the computer) needs it.

Technically Speaking

Code-operated switches

BLACK BOX® Code-Operated Switches enable one device to control up to 64 connected devices, depending on the code-operated switch. For instance, you can use one modem—not eight—to control eight devices. Code-operated switches are ideal for applications that require remote switching for file sharing or monitoring. Use code-operated switches for:

- Remote programming. Call in via remote sites to access servers, logic controllers, or any devices that require programming.
- Diagnostics. From your master control room, you can probe servers and run diagnostics.

TECH SPECS

Data Format — 5 to 8 bits

Speed — 300 bps to 76.8 kbps

Switches — Text/Transparent/Graphics Mode; Reset

CE Approval — Yes

Interface — SW853A-R2–SW854A-R2: RS-232 async;

SW421A-R2: RS-422 async

Connectors — SW853A-R2, SW421A-R2: (5) DB25 female;

SW854A-R2: (9) DB25 female; DCE/DTE switch-selectable

Indicators — (1) 7-segment channel-selected display, (2) lockout and switch time LEDs

Power — 115/230 VAC, 60/50 Hz, 11 watts (switch-selectable)

Size — 3"H x 12.8"W x 11.3"D (7.6 x 32.5 x 28.7 cm)

Weight — 8 lb. (3.6 kg)

Item	Code
Code-Operated Switches	
RS-232	
4-Port	SW853A-R2
8-Port	SW854A-R2
RS-422	
4-Port	SW421A-R2