

Detex Alarm Wiring Diagrams

EAX-500 Wiring Configuration

The Detex EAX-500 is an alarmed exit device with integrated exit alarm functionality. Proper wiring ensures alarm activation on unauthorized exit attempts.

Battery-Powered Configuration

EAX-500 can operate on battery power (9V or 24V backup). This configuration provides alarm operation during power outages. Verify battery specifications and replacement intervals in the installation manual.

External Power Wiring

AC or DC external power can be integrated with Detex systems. External power provides continuous operation without battery maintenance. Standard configurations use 24V DC for institutional environments.

Configuration	Power Source	Reliability	Installation
Battery Backup	9V or 24V Battery	High	Simple
AC External	120V AC + 24V Transformer	Very High	Moderate
DC External	24V DC Power Supply	Very High	Moderate

Relay Output Integration

Detex devices can integrate with building management systems through relay outputs. Relay outputs trigger notification systems, door unlocking, or security integration based on exit device state.