EPIC STROBE
QUICK START GUIDE

AUDIO ENHANCEMENT +
Est. 1978

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DESCRIPTION

The **EPIC Strobe** is used to notify building occupants in cases of an emergency or other events. When used in the strobe mode, it provides a high visibility indicator which can make occupants aware of an emergency. It can also be used as a strobe in noisy environments such as labs, band rooms and shops, providing a notification that an announcement is being made over the paging system. In other applications, a clearly visible 'indicator light' with controllable color can be used to signal room occupation, door status, alert notification and other similar status events. This unit can be installed as part of the SAFE (Signal Alert For Education) System®. The EPIC Strobe has two modes of operation. It can be controlled using digital I/O for single color events, or it can be used with Serial Control Mode, which expands the EPIC Strobe's capabilities by controlling multiple colors and timing sequences so various indication statuses can be generated. Multiple EPIC Strobes can be connected and controlled from a single source. When the EPIC Strobe is implemented using Serial Control Mode, it provides an additional connection for a digital I/O device, such as a door sensor. Serial Control Mode will be part of a future release of the EPIC (Education Paging & Intercom Communications) System®.

INTERFACES

CONTROL PORTS (RJ45)

Amplifier Port (RJ45)

- RS-232
- 24 V DC
- Digital Input 1
- Digital Input 2

Additional EPIC Strobe Ports (RJ45)

- This port parallels the connections from the Amplifier port allowing connection of additional EPIC Strobes.

DOOR SENSOR (PHOENIX)

- Digital Input 3

DIP SWITCHES

DP 1-2: Device Address

- In Serial Control Mode, this enables serial commands to address each EPIC Strobe individually, even when connected via the Additional EPIC Strobe Port.

DP3-5: EPIC Strobe Color

- When the unit is being controlled by one of the digital I/O's, these DIP switches are used to set the color that will be displayed when the digital I/O is triggered (see the chart in the Digital I/O operation section for specifics). In Serial Control Mode, these DIP switches have no function, and need to be set to the *Off* position.

DEVICE STATUS LED

- A Green LED is illuminated when power is present.

SERIAL CONTROL MODE OPERATION

To initiate the Serial Control Mode, set DIP Switches 3, 4, & 5 to the *Off* position. When used in the Serial Control Mode, the EPIC Strobe must be plugged into a Remote Port on the host device. Each EPIC Strobe connected to a single host device will need an address specified by setting DIP Switches. Use *DIP Switch 1* and *DIP Switch 2* to set the desired address for that specific EPIC Strobe *(Figure 1)*. Once the addresses have been configured, the remainder of programming and control of the EPIC Strobe is done through the EPIC Interface.

SWITCH 1	SWITCH 2	ADDRESS
Off	Off	1
Off	On	2
On	Off	3
On	On	4

Figure 1

DIGITAL I/O CONTROL MODE OPERATION

The Digital I/O Control Mode is initiated by setting DIP Switches 3, 4, & 5 to one of the color selections in the chart below. In this mode, DIP Switches 1 and 2 are used to configure which Digital I/O Pin from the host device is going to control the EPIC Strobe. To use the Digital I/O Control Mode, the EPIC Strobe must be plugged into the I/O Port on the host device.

GPIO CONTROL

- With both DIP Switches 1 and DIP Switch 2 set to the off position, the EPIC Strobe is controlled by Pin 7 of the RJ45.
- With DIP Switch 1 set to off and DIP Switch 2 set to on, the EPIC Strobe is controlled by Pin 8 of the RJ45.

COLOR CONTROL

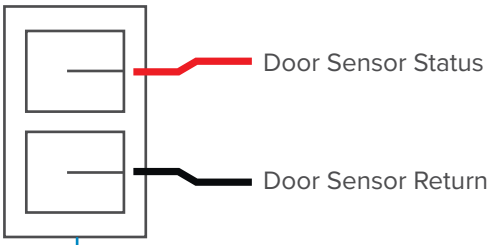
- To configure the color that the EPIC Strobe will produce, set *DIP Switch 3, DIP Switch 4,* and *DIP Switch 5* to the desired color using the provided chart (*Figure 2)*.

DP3	DP4	DP5	COLOR
Off	Off	Off	None (Serial)
Off	Off	On	Red
Off	On	Off	Orange
Off	On	On	Yellow
On	Off	Off	Green
On	Off	On	Aqua
On	On	Off	Blue
On	On	On	Purple

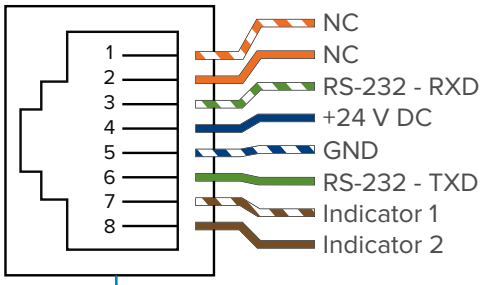
Figure 2

CONNECTOR DETAILS

DOOR SENSOR



EPIC STROBE PORTS



CONFIGURATION SET UP IN EPIC

Follow the instructions in the EPIC System Admin Manual - Managing Devices.

Click or scan QR code to access.

TROUBLESHOOTING

REBOOT

Power cycle input power.

NO RESPONSE

Verify the address is set correctly on *DIP Switch 1* and *DIP Switch 2*. If the issue persists, verify that a color is selected with *DIP Switches 3 through 5*.

DOOR NOT SENSED

Verify that the Door Sensor is attached and connected appropriately. If the issue persists, verify the EPIC Strobe settings in EPIC.