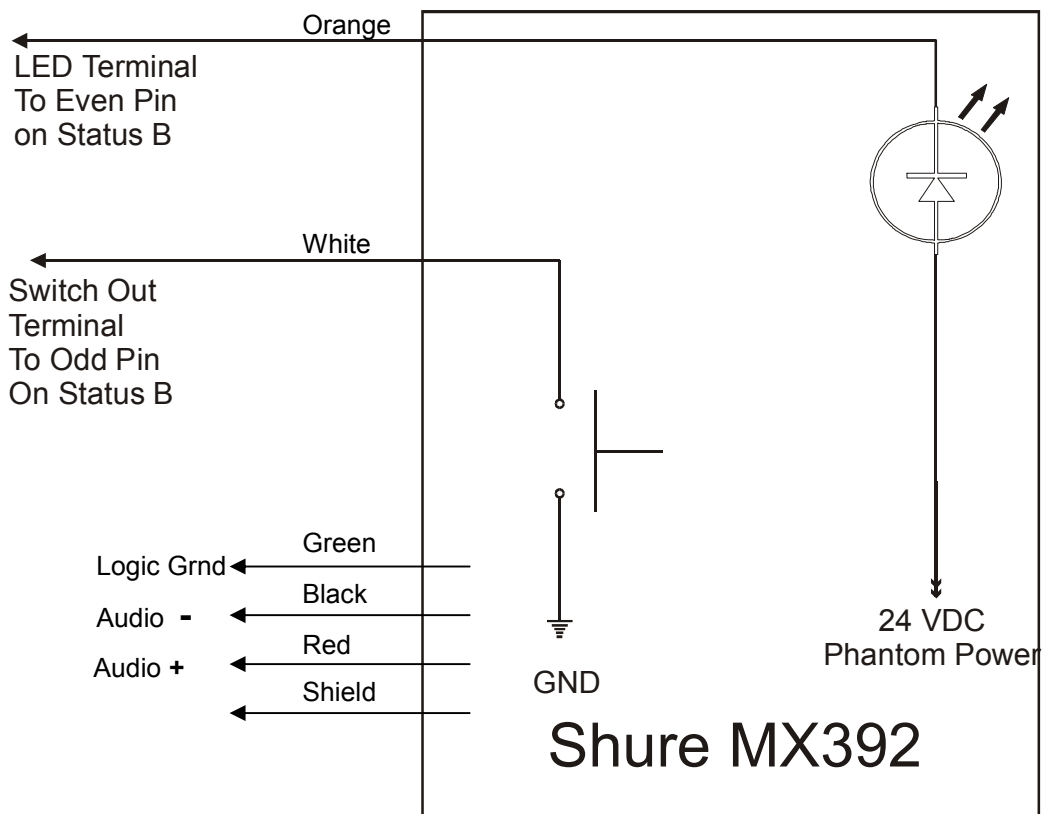


Using Push-to-Talk Microphones with AP Units

ClearOne recommends using the AP unit to mute microphones instead of using the mute provided by some microphones. External muting devices limit the effectiveness of Gentner[®] Distributed Echo Cancellation[®]. In order to use these devices, it is necessary to link the on/off switch on the microphones to the AP unit's Control/Status port.

To connect the Shure MX392 to the AP Control Status Port

1. Connect the push to talk switch and status LED using the following illustration as a guide.



2. Program the Control* pin with the mute function. The RS-232 commands are as follows:

```
#[device id] PCMD [location for active pin] [device id] MUTE [input #] 1(for input) 0(for off)
#[device id] PCMD [location for inactive pin] [device id] MUTE [input #] 1(for input) 1(for on)
```

3. Program the Status* pin. The RS-232 commands are as follows:

```
#[device id] PEVNT [location for active status] MUTE [input #] 1(for input) 0(for off)
#[device id] PEVNT [location for inactive status] MUTE [input #] 1(for input) 1(for on)
```

Example

If the push-to-talk microphone is located on Input 1 of AP800, Device ID 0, and I connect the switch to Pin 1 on Control/Status Port B and the status to pin 2, I would use the following serial commands:

```
#10 PCMD 17 #10 MUTE 1 | 1  
#10 PCMD 17 #10 MUTE 1 | 0  
#10 PEVNT 17 MUTE 1 | 0  
#10 PEVNT 18 MUTE 1 | 1
```

The LED is on when the mic will pass audio.

* These pins may also be programmed using AP Tools.