

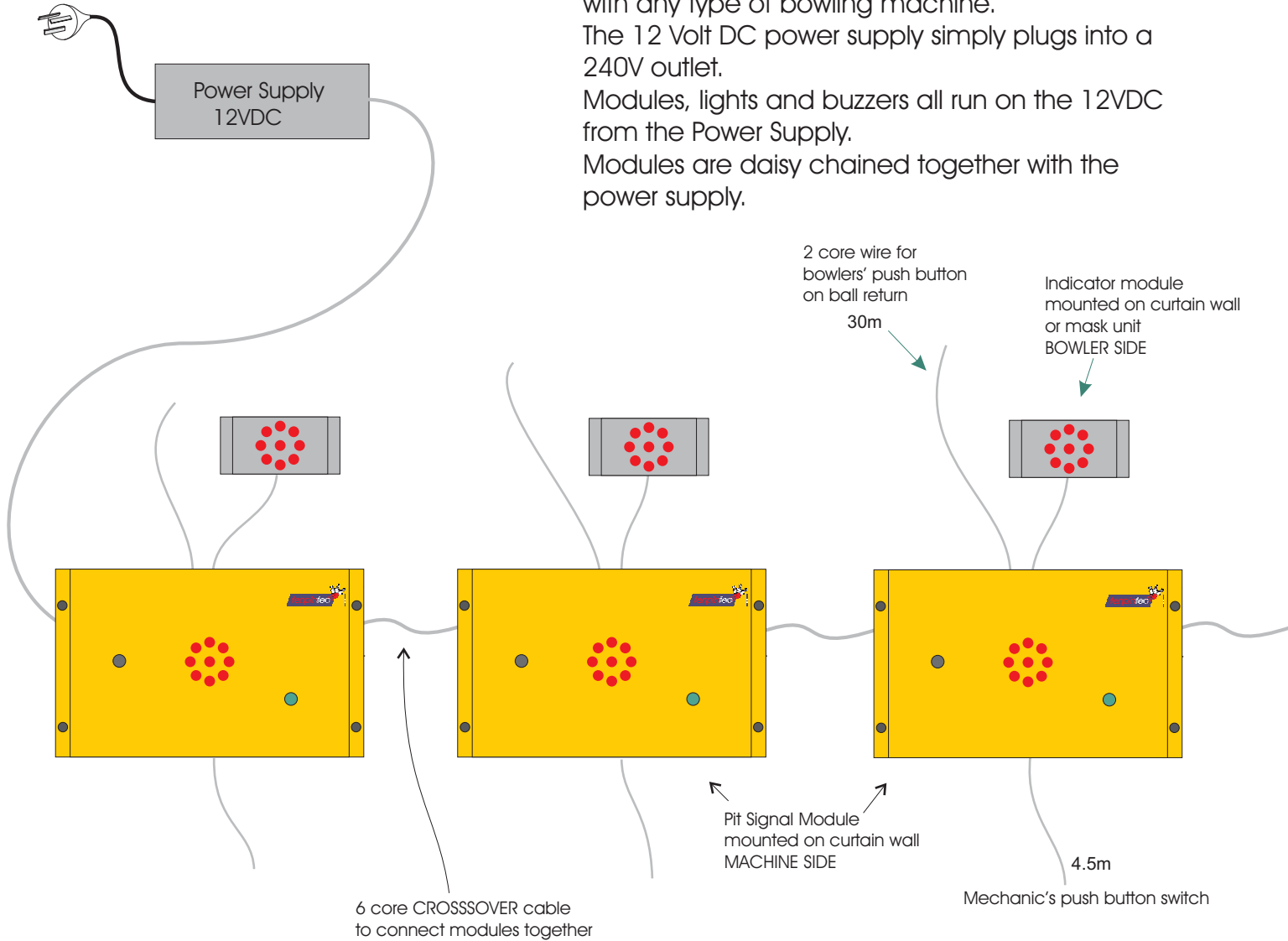
# Trouble Call (Pit Signal) System

This modular pit signal system is suitable for use with any type of bowling machine.

The 12 Volt DC power supply simply plugs into a 240V outlet.

Modules, lights and buzzers all run on the 12VDC from the Power Supply.

Modules are daisy chained together with the power supply.



## Operation example:

Bowler on lane 3 presses trouble call button on ball return.

LED indicator on mask unit lights on lane 3 and 4 - signaling to bowlers on both lanes to stop bowling

LED indicator on trouble call module flashes on curtain wall behind lane 3 and 4

All buzzers sound for approx 3 seconds

Technician is guided to correct machine by flashing LED indicator on module mounted on curtain wall

When machine stop is cleared, technician presses mechanics button on machine - LED on mask turns off, indicating to bowler to resume bowling

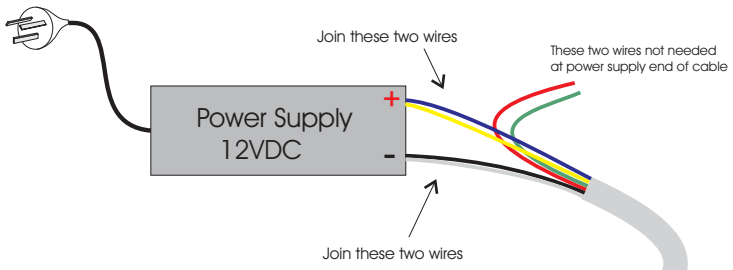
Mechanic's switch - rear of Pinspotter/Pinsetter

Alternate action switch -

if trouble call is already activated, one push will turn it off  
if trouble call is not already activated, one push will activate (short ring 1 second)

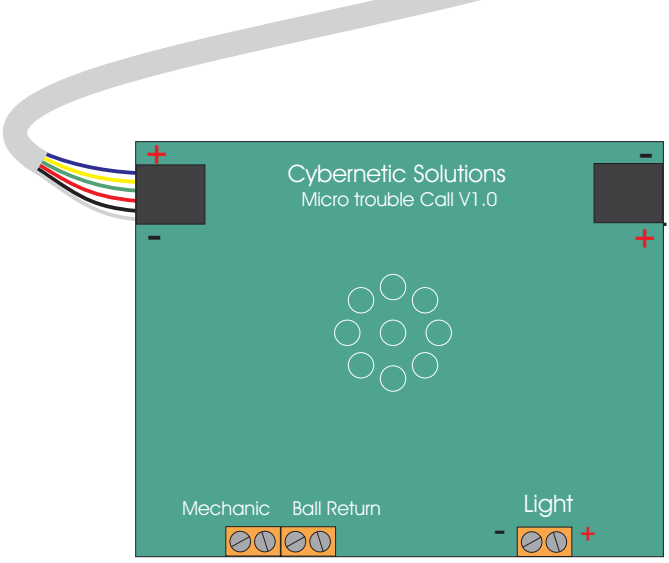
Bowler's Push Button

When bowler pushes trouble call button, indicator lights will activate and buzzer will ring once only (approx 3 seconds)  
Continued pressing of the bowlers' button will not cause the buzzer to sound again.

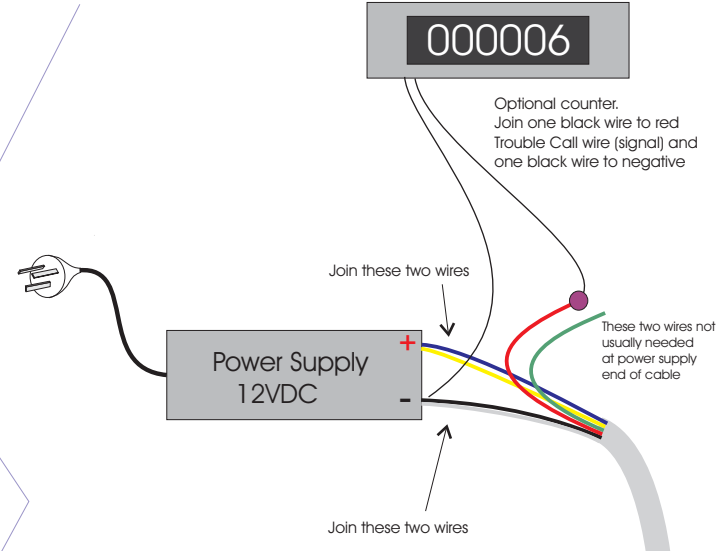


Power supply must be connected to either the first or last module of a series

Power Supply located at the Lane 1 end



OR

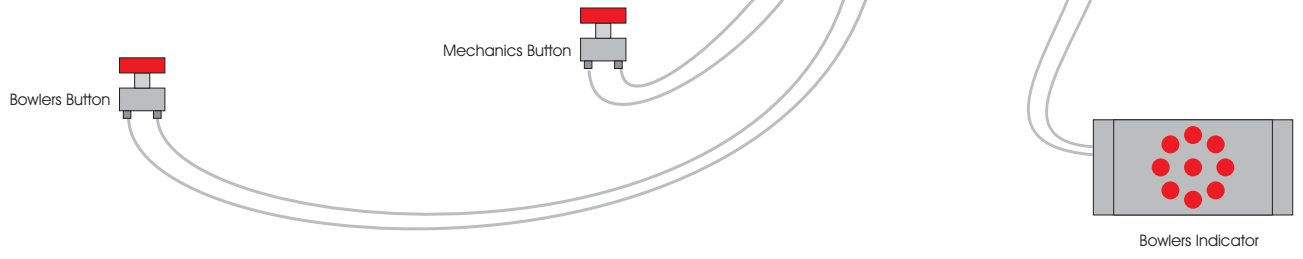
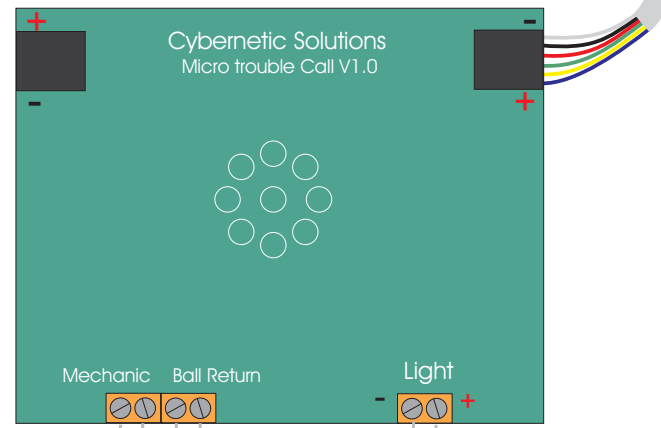


Power Supply located at the end opposite from Lane 1 (eg Lane 24)

**NOTE:**  
It is very important when connecting the power supply to ensure that **POSITIVE** and **NEGATIVE** are around the right way.

The **LEFT** side of the circuit board has **POSITIVE** at the **TOP** of the connector  
The **RIGHT** side of the circuit board has **POSITIVE** at the **BOTTOM** of the connector

Also note that the front view of the circuit board is seen from the back of the steel housing of the module



# Connection of a remote Pit Signal/Trouble Call control at the front desk

