

Enclosure dimensions:
5-1/4" X 3-1/4" X 1"

RECOMMENDATION:

Technical drawing of a 2 AMP power supply plug. The drawing includes a side view and a top view. The side view shows a rectangular plug with a width of 1-13/32" and a height of 1". The top view shows a rectangular plug with a width of 4-11/32" and a height of 1-13/32". The plug has three mounting holes on the top edge, with a center-to-center distance of 1-13/32" between the first two holes and a center-to-center distance of 1" between the last two holes. The plug is labeled "2 AMP power supply plugs into standard 120V outlet within 4' of synchronizer. (Outlet provided and installed by others)".

To second synchronizer, if required

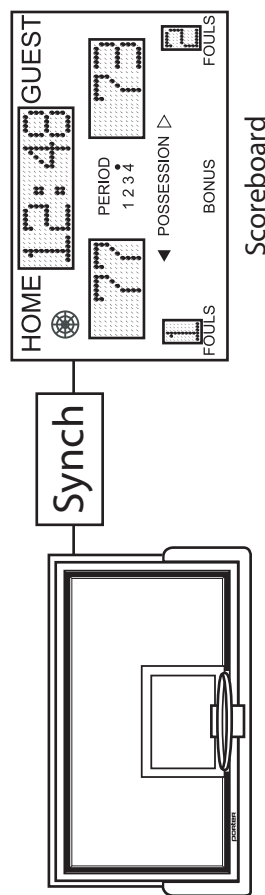
(To 120V outlet)

4' Activation wires, 2 conductor,
22GA attached to unit.

(To LED lights)
Mount Synchronizer
within 8' of connection
for LED lighting.

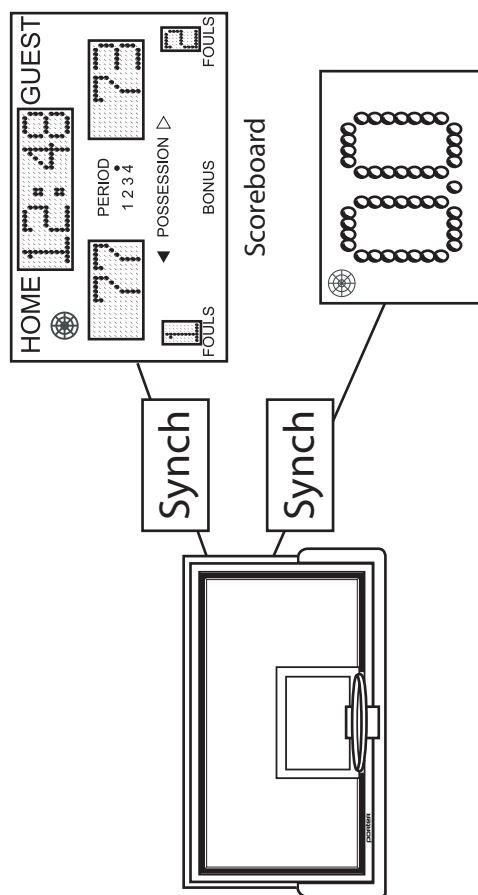
Activation wires connect to the buzzer in parallel. Ordering makes no difference, but the power wires should remain attached. Voltage determined by buzzer voltage. Length not to exceed 750 FT. Use 18-22GA wire provided by others.

NOTE: LED Perimeter Lighting Synchronizer will illuminate the Perimeter LED backboard lights in response to the signal from a buzzer. Lights will illuminate whenever the buzzer is activated.



Scoreboard

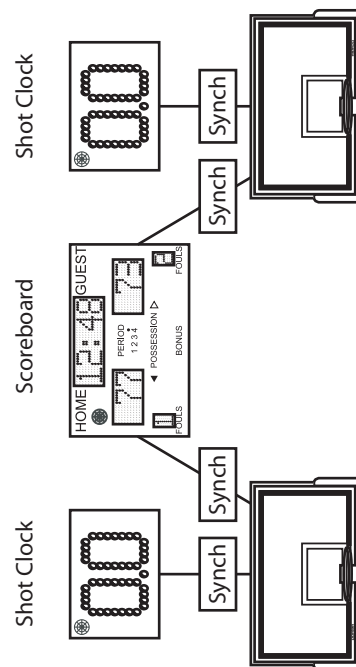
One peripheral, one synchronizer needed. Will work without shot clock.



Scoreboard

Shot Clock

Two peripherals, two synchronizers needed.



Note: Synchronizers will be needed for each LED Perimeter Lighting System. If there are two LED Perimeter Lighting Systems in a gym that are each being connected to two peripherals, then a total of 4 synchronizers would be needed.

SPECIFICATIONS

PORTER No. 8212081 LED PERIMETER LIGHTING SYNCHRONIZER

PORTER No. 8212081 LED PERIMETER LIGHT SYSTEM SYNCHRONIZER For use with Porter No. 821208 or 002080L1 LED Light Systems

The Porter LED Perimeter Lighting Synchronizer No. 8212081 (herein referred to as The Synchronizer) shall be designed to provide a powered signal to a Porter Perimeter LED Light System No. 821208 or 002080L1 (herein referred to as an LED Perimeter Lighting System) when connected to third party peripherals. If the LED Perimeter Lighting System is only connecting to Porter peripherals then a synchronizer is not needed. The synchronizer responds to the voltage signal generated by a scoreboard or shot clock buzzer. The Synchronizer shall consist of a housing yielding three multi-conductor wires designated as: 1) The Power Supply, 2) The LED Connection Plug and 3) The Activation Wires. The housing shall internally contain a relay with a modular "pluggable" coil. This coil must match the operating voltage of the buzzer. The Synchronizer housing shall initially contain a 120 Volt coil with additional replacement coils of 6V, 12V and 24V included. Buzzer operating voltages other than those stated require a special coil; contact Porter for more information. Prior to installation, the operating voltage of buzzer must be measured to ensure the proper relay is used.

The Synchronizer shall be designed such that the LED Connection Plug will have a chord of no less than 4 feet that connects to an LED Perimeter Lighting System. The Synchronizer must be mounted in close proximity to the LED Perimeter Lighting System such that the wiring and housing will be unobtrusive. The LED Connection Plug also connects to a second Synchronizer if required for connection to multiple non-Porter peripherals.

The Synchronizer shall be designed such that the power supply will have a length of no less than four feet and plug directly into a standard 120 Volt outlet.

The Activation Wires shall consist of a 22 GA two conductor wire of no less than four feet. Additional 18-22 GA wire, up to a maximum length of 750 feet, must connect one of these wires to one of the two wires powering the buzzer with the second activation wire connecting to the second wire powering the buzzer. Each connection must be made in parallel with the original wiring remaining in tact.

Wiring of all electrical components shall be in accordance with local codes, and in accordance with manufacturer's instructions. All conduit, wiring, junction boxes, and components not specified herein shall be furnished and installed by the electrical contractor