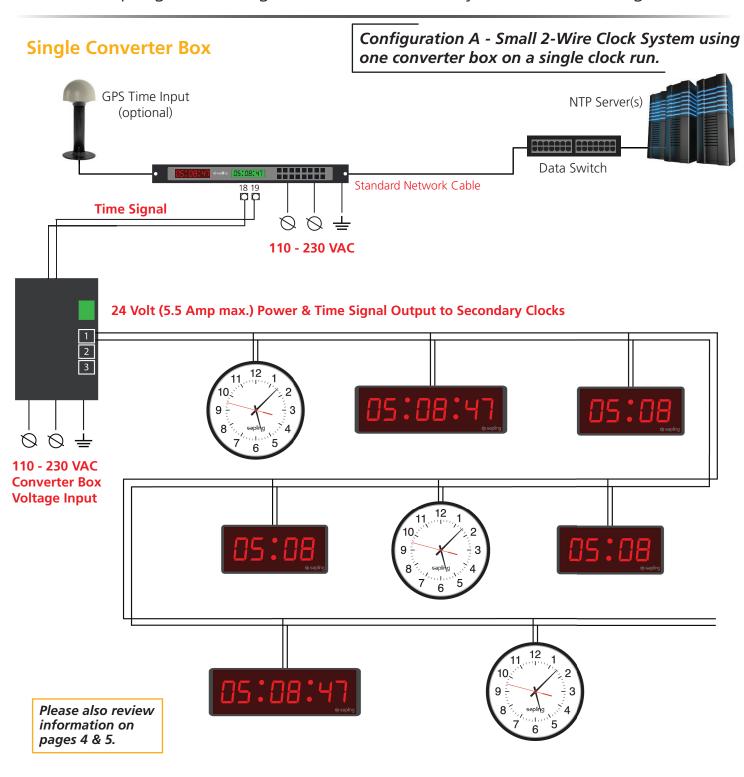
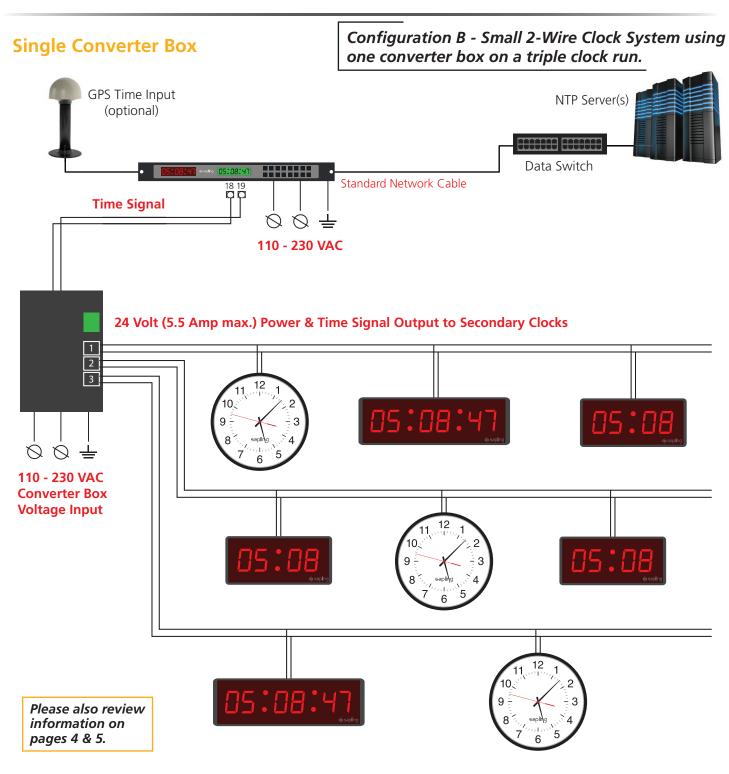


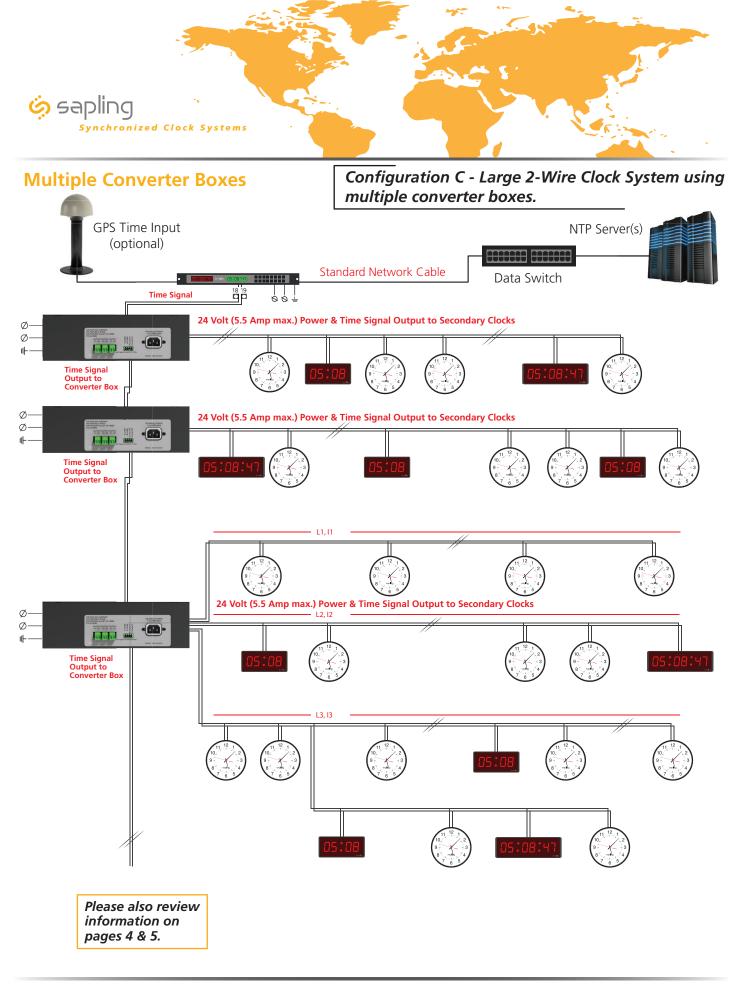
Sapling 2-Wire Digital Communication System Line Drawing





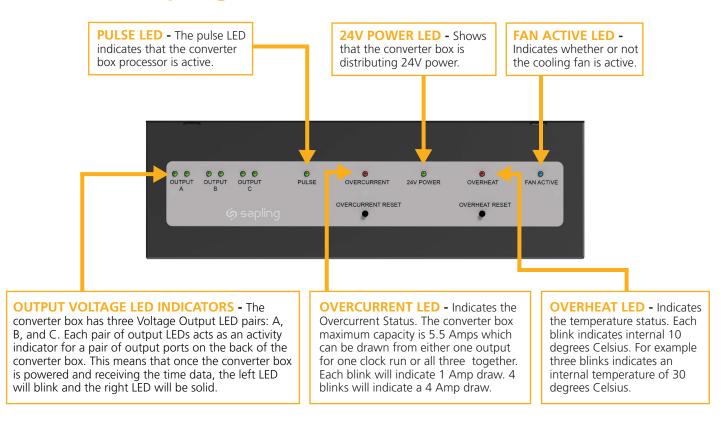
Sapling 2-Wire Digital Communication System Line Drawing



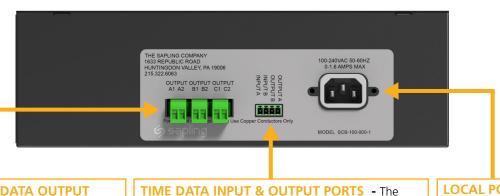




Sapling Converter Box Front Panel



Sapling Converter Box Back Panel



POWER & TIME DATA OUTPUT

PORTS - The converter box has three output ports used to feed the clock run(s) with both power and time data utilizing a pair of wires. The converter box max output is 5.5 Amps in total, which can be drawn from one output or up to all three of the outputs together.

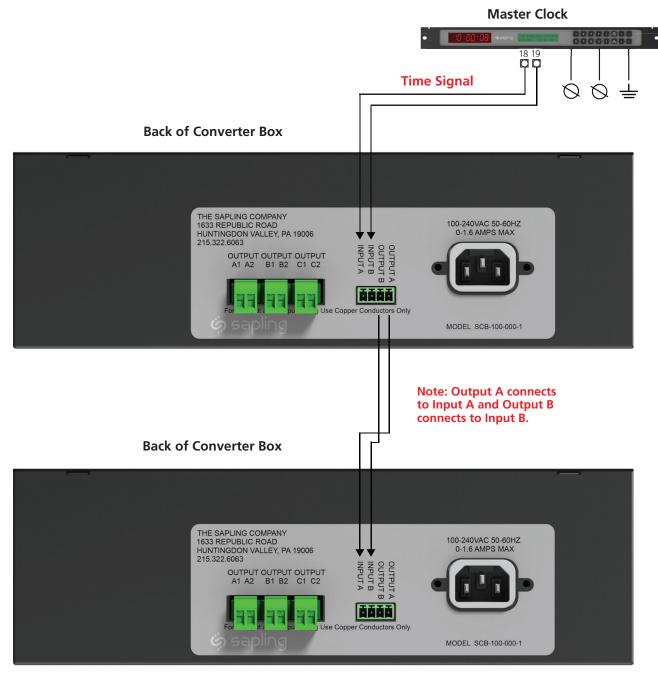
converter box has a dedicated time input port. The time data input is provided either by the master clock, from another converter in the run, or the converter box can be placed between two secondary clocks in the run. The converter box can also output the time data to other converter box(es) in the run as shown in

LOCAL POWER INPUT - The converter box is provided with a power cable. The converter box voltage input is 100 - 240 VAC.

The Sapling Company, Inc.

the drawing.





The number of secondary clocks that can be powered by one converter box will depend on the type of clock and its current consumption, the thickness of the electrical wires used in the facility, and the length of the run from the converter box to the last secondary clock in the run. In order to determine how many converter boxes are needed for a specific project, please use our online converter box calculator available at: https://sapling-inc.com/converterboxcalculator/