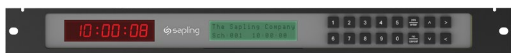
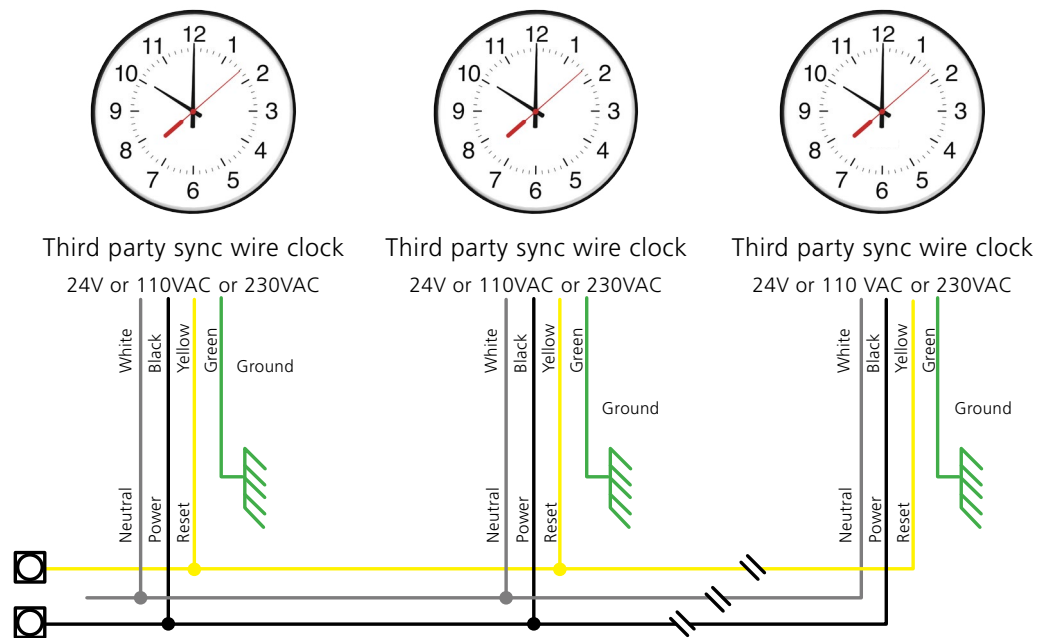




## Sapling Synchronized Clock Retrofitting & Replacement Solutions for Third Party Clock Systems

### Sapling Master Clock Controlling a third party Wired Clock System

Easily replace an existing master clock with a Sapling Master Clock. Depending on the sync wire protocol being used, Sapling's Master Clocks can synchronize current clocks allowing a seamless transition by providing the time data existing sync wired non-Sapling secondary (slave) clocks.



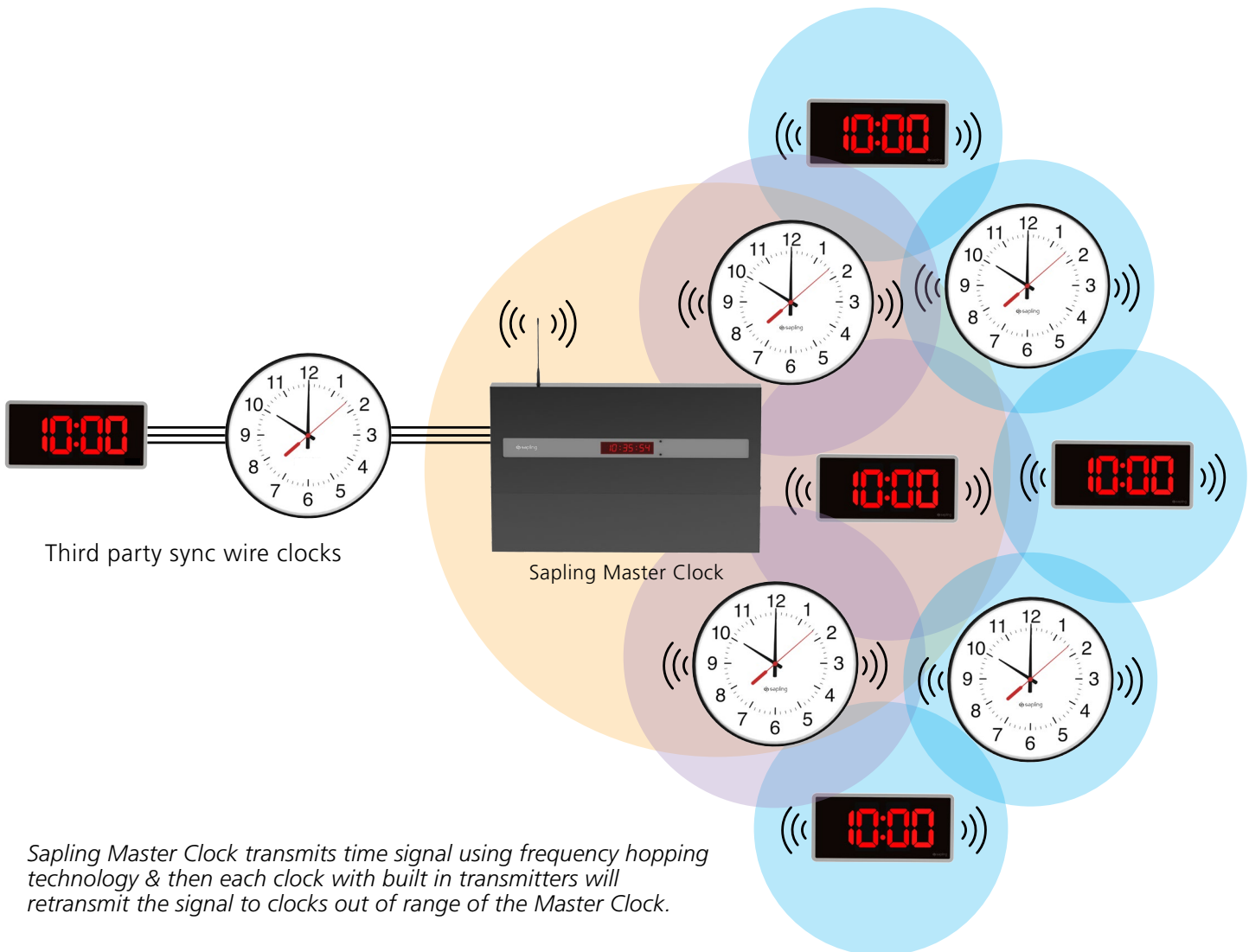
Sapling SMA Master Clock

*Sapling SMA Master Clock may synchronize third party sync wire **analog or digital** clocks.  
The above diagram shows a Sapling Master Clock wired to third party sync wire analog clocks.*



## Sapling Wireless Master Clock synchronizing a third party wired clock system and Sapling's Wireless Clocks

Providing a hybrid solution, Sapling's Wireless Master Clock with a transmitter, can simultaneously provide various sync wired corrections to the existing wired system and to Sapling Wireless Clocks. Effortlessly upgrade to a Sapling Wireless system as older wired system clocks begin to fail. For installation flexibility, wireless clocks can utilize the existing power or replace them with a battery option.



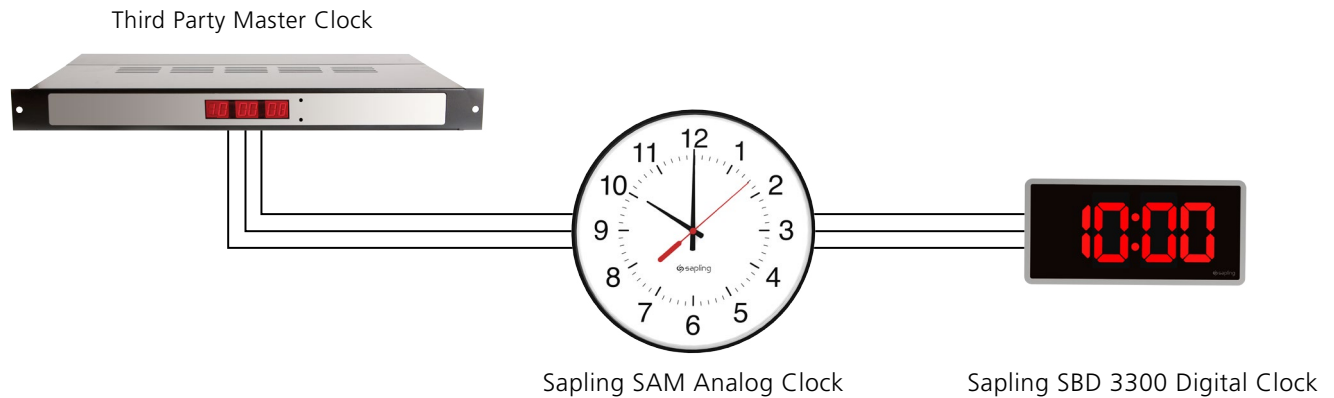
*Sapling Master Clock transmits time signal using frequency hopping technology & then each clock with built in transmitters will retransmit the signal to clocks out of range of the Master Clock.*

Sapling Wireless Clocks



## Third Party master clock synchronizing Sapling 3-Wire Sync Clocks

Using state-of-the-art protocol detection technology, Sapling's analog Wired Clocks can provide a budget saving solution when replacing analog clocks in a non-Sapling system. Depending on the protocol, Sapling's SAM analog clocks or the SBD 3300 digital clocks can utilize the existing wiring and be corrected by a non-Sapling Master Clock. Sapling Sync Wired Clocks are offered at 24V, 110VAC or 230VAC.



*Third Party Master Clock providing sync wire correction to Sapling SAM Analog Clocks and Sapling SDB 3300 digital clocks.*

## Summary

Using a Sapling Master Clock as a replacement to a third party old master clock and using Sapling Secondary (slave) Clocks as replacement clocks for an existing third party clock system is the perfect solution for budget conscious projects. If you have any questions in regards to Sapling Synchronized Clock Systems, please contact us to discuss your project's needs with one of our experts. The solution that you are looking for might be easier than ever to implement!