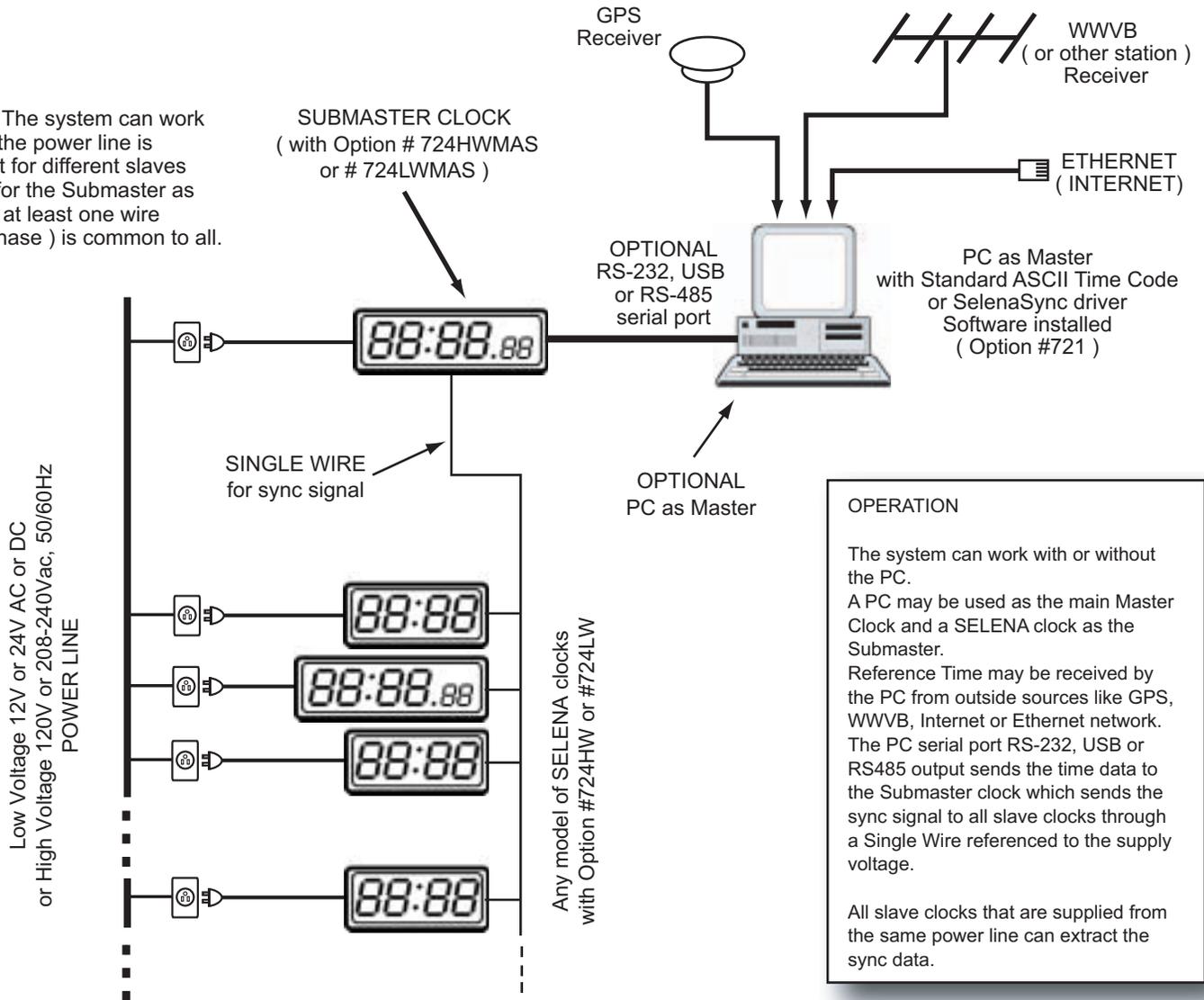


NOTE: The system can work even if the power line is different for different slaves and/or for the Submaster as long as at least one wire (one phase) is common to all.



OPERATION

The system can work with or without the PC.
 A PC may be used as the main Master Clock and a SELENA clock as the Submaster.
 Reference Time may be received by the PC from outside sources like GPS, WWVB, Internet or Ethernet network.
 The PC serial port RS-232, USB or RS485 output sends the time data to the Submaster clock which sends the sync signal to all slave clocks through a Single Wire referenced to the supply voltage.
 All slave clocks that are supplied from the same power line can extract the sync data.

Master - Slave configuration with sync sent through a Single Wire

Main Features (all user selectable via the Remote Control):

- 1) Communication through single wire with Low or High voltage signal
- 2) Submaster clock maintains the sync if the Master stops
- 3) Slave clocks maintain accurate time and date even without sync
- 4) 12 or 24 hour sync modes plus sync every hour
- 5) System Sync receiver Enable/Disable
- 6) Self recharging backup for accurate time keeping without power or sync
No batteries required . (10 year lithium battery optional)
- 7) 120Vac, 208-240Vac, 12V or 24V AC 50/60Hz power line operation or DC 12V or 24V.
- 8) All other functions: Time/Date, Timers, Counters and Temperature display fully operational

NOTE: All options and presets are selectable via the Remote Control