



OPERATION

A SELENA clock with option # 725 is used as the Master Clock.

The Master serial port RS485 output drives the Digital Communication line for all slave clocks which extract the time and date data.

To prevent sync signal degradation, there may be a need to install an additional "Interfacing Slave" clock with communication "booster-repeater" option #841. This is recommended in either of the following cases:

- 1) If the number of slaves exceeds the maximum (standard 64 or optional 400 slaves)
- 2) If the length of the communication cable causes signal degradation.

Configuration using RS485 twisted pair
Digital Communication and
SELENA setup as Master Clock

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

- 1) Communication through RS485, 2 conductor cable wiring
- 2) PC used as the Master Clock
- 3) Master Sync receiver Enable/Disable
- 4) Self recharging backup for accurate time keeping without power or sync (no batteries required) for 2 weeks or longer (10 year lithium battery optional)
- 5) 120Vac, 208-240Vac, 12V or 24V 50/60Hz power line operation or DC 12V or 24V.
- 6) All other functions: Time/Date, Timers, Counters and Temperature display fully operational

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