Chief:  Sync with Digital Communication through single Power Line

Option #724RS

ALL CLOCKS INCLUDE REMOTE CONTROL

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

1) Communication through the Power Line - No additional wiring necessary.
2) Time synchronization using SELENA clock as the Master and PC as the time reference.
3) Power line frequency or Atomic clock external time source may be used as reference.
4) Master Sync receiver Enable/Disable.
5) Self-recharging backup for accurate time keeping without power or sync
   (no batteries required) for 2 weeks or longer blackouts (10 year lithium battery optional).
6) 120 Vac, 208-250Vac, 12V or 24V 50/60Hz power line operation or DC 12V or 24V.
7) All other functions: Time/Date, Timers, Counters and Temperature display fully operational.

NOTE: In this configuration, even if the PC fails, all slaves can still receive the sync signal from the SELENA Master.

Configuration with Digital Communication through 1-Phase Power Line wiring and SELENA as the Master Clock with optional PC as the Master Reference:

The Master SELENA injects digital data into the local power line.

All clocks that are supplied from that power line and are equipped with Option # 724RS (Power Line Carrier Digital Sync Receiver) can extract the sync information from the power line.

NOTE: A single phase power line modem configuration shown. 2 and 3-phase modems also available.
ALL CLOCKS INCLUDE REMOTE CONTROL

**Master/Slave Clock System**

**Sync with Digital Communication through 2 or 3-Phase Power Line**

**SELENA LED Digital Clocks**

Option #724RS

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

1. Communication through the Power Line - No additional wiring necessary.
2. Time synchronization using SELENA clock as the Master and PC as the time reference.
3. Power line frequency or Atomic clock external time source may be used as reference.
5. Self recharging backup for accurate time keeping without power or sync (no batteries required) for 2 weeks or longer blackouts (10 year lithium battery optional).
6. 120Vac, 208-250Vac, 12V or 24V 50/60Hz power line operation or DC 12V or 24V.
7. All other functions: Time/Date, Timers, Counters and Temperature display fully operational.

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

**Configuration with Digital Communication through 2 or 3-Phase Power Line wiring and SELENA as the Master Clock with optional PC as the Master Reference.**

**OPERATION**

One of the SELENA clocks (with necessary options) is used as the Master Clock. It can work as stand-alone Master or it can be synchronized by another Master for instance a PC computer.

The Master SELENA injects digital data into the local power line.

All clocks can be supplied from any phase of the power line and are equipped with Option #724RS (Power Line Carrier Digital Sync Receiver). They can extract the sync information from the power line.

**NOTE:** In this configuration, even if the PC fails, all slaves can still receive the sync signal from the SELENA Master.