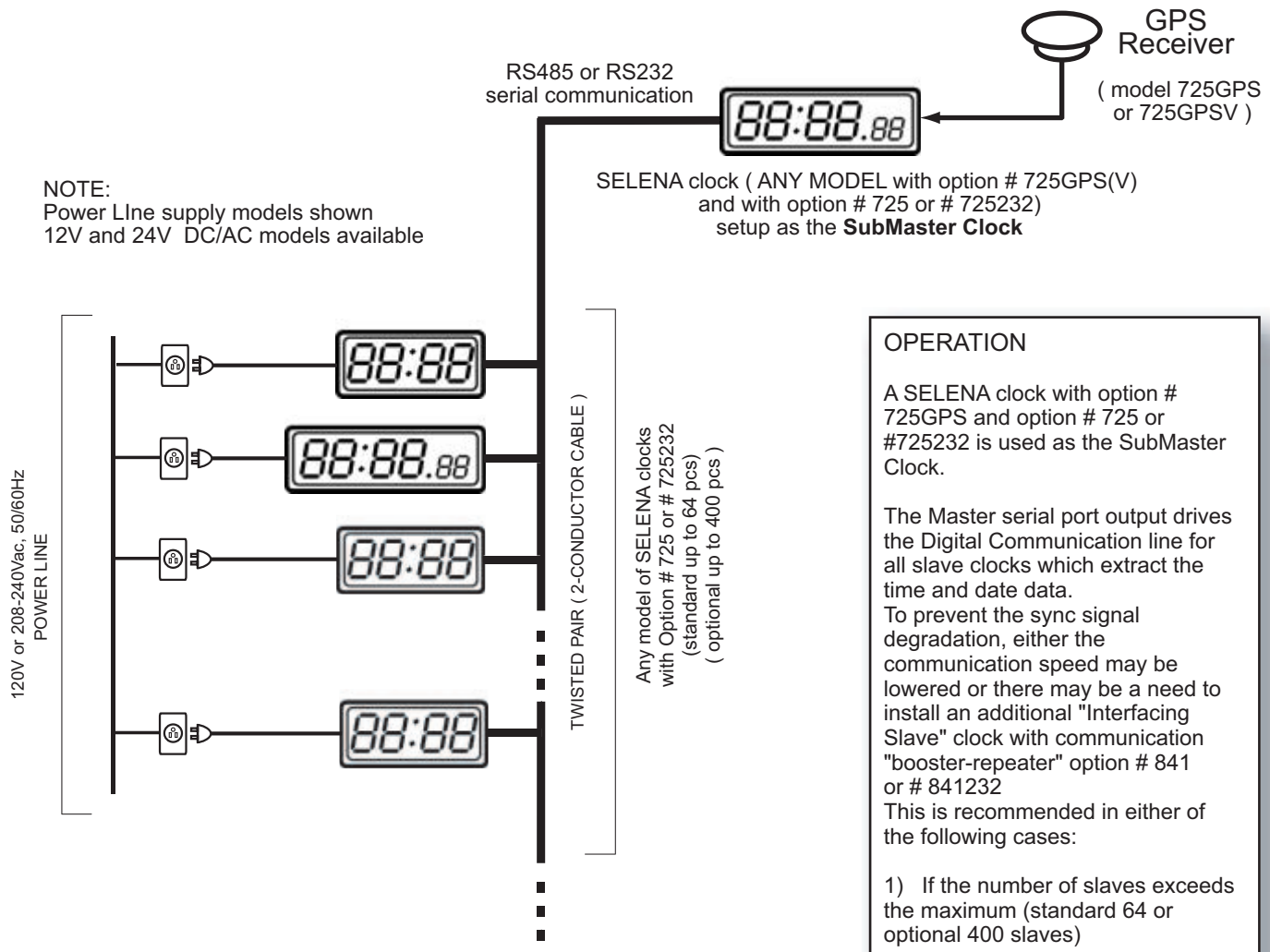
Master/Slave Clock System

GPS Atomic Time Sync
with RS485 or RS232 Digital Communication
Option #725GPS

SELENA
LED Digital Clocks

ALL CLOCKS INCLUDE REMOTE CONTROL



OPERATION

A SELENA clock with option # 725GPS and option # 725 or #725232 is used as the SubMaster Clock.

The Master serial port output drives the Digital Communication line for all slave clocks which extract the time and date data.
To prevent the sync signal degradation, either the communication speed may be lowered or there may be a need to install an additional "Interfacing Slave" clock with communication "booster-repeater" option # 841 or # 841232
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 the signal degradation.

Configuration using GPS as the Atomic time reference and with RS485 or RS232 Digital Communication

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

1) Communication through RS485 or RS232 with 2 conductor cable wiring
2) SELENA clock used as the Master with GPS Receiver
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

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