

UNISync PRS FE-5300A

PRODUCT SPECIFICATIONS

GENERAL

Standards Compliance:

- GR-2830 when operating as a Primary Reference Source
- GR-378, GR-1244, and ANSI T1.101 when operating as a Mini-TSG
- NEBS Level 3

Communications Ports:

- Two RS-232 Local Craft
- Ethernet Data Communications

Software Interface:

- TL-1 command line interface and GUI

Oscillator:

- ST-2 Rubidium; ST-2 Quartz or ST-3E Quartz

Physical Terminations:

- Permanent back panel WW connections

INPUTS

GPS reference:

- Signal tracking for 12 satellites

Optional External Timing Inputs:

- 1 or 2, Software select DS-1/E-1/Analog
- DS-1 Options: SF/ESF/SSM
- E-1 Options: 2 MBit/s or 2 MHz
- Analog Options: 1, 5, or 10 MHz

OUTPUTS

Standard:

- Two DS-1 software select for SF/ESF/SSM
- Optional Internal Expansion** for 10 additional outputs:
- 10 DS-1
- 4 DS-1 & 6 CC
- 10 E-1- User option for G.703/4 or 2.048 MHz

Auxiliary Outputs

- 1 PPS from BNC
- 2 User programmable 1/5/10 MHz from 2 BNC's
- 1 Optional IRIG-B from BNC
- 1 Time of Day (TOD) output from RJ-45
- NTP or SNTP from Datacom RJ-45 port

GPS OPERATION

Antenna Placement:

- Exterior Wall Mount OR rooftop

Cable Spec:

- Up to 1,000 ft. of RG-59 TV Co-ax

PHYSICAL

Dimensions: L—17.25 in. D—12 in. H—1.75 in.

Power: Dual Redundant -48VDC

Operating Environmental: Temp. -5° to 50°C

Humidity 5% to 95%
non-condensing



For additional information about this and other FEI Telecom Sync Products such as the US5G product family, please contact us or visit our website at www.frequelec.com



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