



Main Feature:

- L band GPS satellite input
- Integrated high quality OCXO slaved to GPS input
- 4x10MHz frequency, 4x1PPS and 3xTOD time outputs
- High frequency and time accuracy
- Very low phase noise
- Status information supervision on LCD
- Remote Web Browser control via RJ-45 port



GPS Receiver:

- ◆ L band 1575MHz
- ◆ 12 satellite tracking
- ◆ Connector BNC female

10MHz Frequency Output:

- ◆ Output level: 12dBm
- ◆ Output number : 4
- ◆ Connector: BNC female 50Ohm
- ◆ Accuracy: <math><1E-12</math>(GPS locked, average 24 hours), <math><5E-10</math>(GPS unlocked, within 24 hours)
- ◆ Short stability: <math><1E-11</math>@1s
- ◆ Phase noise: -80dB@1Hz, -120dB@10Hz, -135dB@100Hz, -140dB@1KHz, -145dB@10KHz

1PPS Time output:

- ◆ Waveform: TTL
- ◆ Output number : 4
- ◆ Connector: BNC female 50Ohm
- ◆ Accuracy: +/- 30ns (GPS locked)
- ◆ Short stability: 5E-11@100ms, 5E-12@5s, 5E-11@10s

System operation:

- ◆ Cold start up time: <math><1000</math> seconds
- ◆ OCXO drift learning algorithm
- ◆ GPS synchronization and slaving
- ◆ Status and alarm report

Accessories:

- ◆ Passive and active GPS antennas
- ◆ Line amplifier
- ◆ Lightning protection

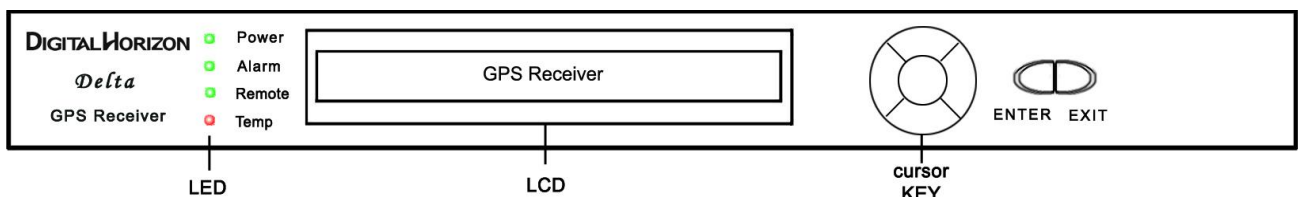
Control & Monitoring:

- ◆ Reading Status information via 6 button keypad and LCD
- ◆ Remote control: Web browser control through RJ-45 connector

Physical condition:

- ◆ Power supply: AC 220V+/-10%, 40W
- ◆ Operating temperature:0 to 50 degrees
- ◆ Storage conditions:-10 to 80 degrees,
- ◆ Humidity: 10% to 80% at 50 degrees
- ◆ Dimension: W=483mm, H=44mm, L=540mm(1RU)

Front Panel View



Back Panel View

