



GPS Receiver

Model: Delta-4



Main Feature:

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

www.dh-tv.com

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Technical Specification:

GPS Receiver:

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

10MHz Frequency Output:

 Output level: 12dBm Output number: 4

◆ Connector: BNC female 500hm

◆ Accuracy: <1E-12(GPS locked, average 24 hours),

<5E-10(GPS unlocked, within 24 hours)

◆ Short stability: <1E-11@1s

◆ Phase noise: -80dB@1Hz, -120dB@10Hz,

-135dB@100Hz. -140dB@1KHz

-145dB@10KHz

1PPS Time output:

Waveform: TTL

Output number: 4

Connector: BNC female 500hm

Accuracy: +/- 30ns (GPS locked)

Short stability: 5E-11@qooms, 5E-12@5s,

5E-11@10s

TOD Time output:

◆ Data Format: port 1 is compliant with GPGGA, GPRMC and HJSTA, port 2 and 3 are compliant ◆ Weight: Net 3 kg, Gross 5 kg with 8bit BCD code

TOD Output number: 3 ◆ Connector: DB9 female

System operation:

◆ Cold start up time: <1000 seconds

◆ OCXO drift learning algorithm

◆ GPS synchronization and slaving

◆ Status and alarm report

Accessories in option:

◆ Passive and active GPS antennas

◆ Line amplifier

◆ Lighting protection

Control & Monitoring:

◆ Status information from front panel LCD

◆ Remote control: Web browser control through RJ-45

Physical condition:

◆ Power supply: AC 220V+/-10%, 40W

◆ Operating temperature:0 to 50 degrees

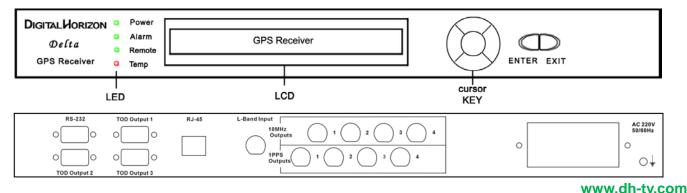
◆ Storage conditions:-10 to 80 degrees,

◆ Humidity: 10% to 80% at 50 degrees

◆ Dimension:

W=483mm, H=44mm, L=540mm(1RU)

Front Panel and Back Panel View



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