

THE NT-32 TRANSMITTER

*GDP-32" with
Embedded
NanoTem®
Transmitter*



The NT-32 embedded NanoTEM® transmitter is the latest addition to the transmitter line. The transmitter is mounted in the card cage of a GDP-32II multifunction receiver

FEATURES

- Output: NanoTEM® (bipolar currents to 4.0A peak)
- 50% duty cycle
- 1.5 microsecond shutoff into 20 m loop (NanoTEM®)
- Lightweight, battery powered
- Full Computer-Control using RS-232C

SPECIFICATIONS FOR THE NT-32 TEM TRANSMITTER

Electrical

- Input voltage: 10 to 14 VDC
- Peak output current: 3.5 A
- Current monitor output: 1V / A
- Automatic over-current shutdown (set for 4.25 A)
- MOSFET IGBT power output current switch
- Automatic fault detection
- Transmitter control from GDP receiver, XMT-series controller, or external computer with RS-232C port

Power

- External battery: 10 to 14 VDC
- Power connector: 3-pin military twist-lock

Options

- Waterproof case with sealed front panel and connectors
- Case size: 22 x 28 x 18 cm (8.7 x 11 x 7.1")
- Weight: 5 Kg (11lb) (without batteries)

Controls & Displays

- Control and display on the embedded version is managed through the keyboard and display of the GDP-32

Fault Conditions (Shown on the LCD display)

- Over/Under Voltage
- Over Current
- Over Temperature
- IGBT Failure

Output Jacks

- Current monitor terminals (1 V/A)
- Output current terminals
- External battery: 10 to 14 VDC
- Power connector: 3-pin military twist-lock



Embedded NanoTEM[®] Transmitter