

THE NT-32 TRANSMITTER

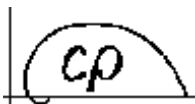
GDP-32^{II} with Embedded NanoTEM[®] Transmitter



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

FEATURES

- Output: NanoTEM[®] (bipolar currents to 3.5 A peak)
- 50% duty cycle
- 1.5 microsecond shutoff into 20 m loop (NanoTEM[®])
- Lightweight, battery powered
- Full Computer-Control using RS-232C



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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

Controls & Displays

Control and display on the embedded version is managed through the keyboard and display of the GDP-32^{II}

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

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)



Embedded NanoTEM[®] Transmitter

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