

GDP-32/24 Geophysical Receiver

Multi-Function Receiver

The GDP-32/24 is the next generation multi-channel receiver for acquisition of controlled- and natural source geoelectric and EM data.

ENHANCEMENTS

- 24-bit analog system
- 133 MHz 586 processor
- Expanded keyboard
- 1/2-VGA graphics display
- 100BaseT Ethernet port

UNIQUE CAPABILITIES

- Remote control operation
- Broadband time-series recording
- High-speed data transfer



FEATURES

- 1 to 16 channels, user expandable
- Alphanumeric keypad
- 133 MHz 586 CPU
- Easy to use menu-driven software
- Resistivity, Time/Frequency Domain IP, CR, CSAMT, Harmonic analysis CSAMT (HACSAMT), AMT, MT, TEM & NanoTEM®
- Screen graphics: plots of time-domain decay, resistivity and phase, complex plane plots, etc., on a 480x320 1/2-VGA, sunlight readable LCD
- Internal humidity and temperature sensors
- Time schedule program for remote operation with the XMT-32S transmitter controller
- GPS time synchronization with transmitter, with using XC-32
- Use as a data logger for analog data, borehole data, etc.
- Full compatibility with GDP-16 and GDP-32 series receivers.

- 0.015625 Hz to 8 KHz frequency range standard, 0.00002 Hz minimum for MT
- One 24-bit A/D per channel for maximum speed and phase accuracy.
- 512 MB Compact Flash Card (up to 4 GB) for program and data storage, sufficient to hold many days worth of data.
- 128 MB dRAM (up to 256 MB) for program execution.
- Optional data storage device (up to 40 GB) for time series data recording.
- Real-time data and statistics display
- Anti-alias, powerline notch, and telluric filtering
- Automatic SP buckout, gain setting, and calibration
- Rugged, portable, and environmentally sealed
- Modular design for upgrades and board replacement
- Complete support: field peripherals, service network, software, and training

