



Resistivity/Induced Polarization (IP) GDD Receivers

These **Receivers** are compact and low power consumption designed for Resistivity and Induced Polarization (IP) surveys. They are rugged and can be used under any field conditions. Our receivers include an optimized noise reduction algorithm. You can also visualize your pseudosection in real time!



GRx8-32



GRx8mini



GRx2

SPECIFICATIONS	GRx8-32	GRx8mini	GRx2
DIPOLE NUMBER	Up to 32 dipoles simultaneously	Up to 8 dipoles simultaneously	Up to 2 dipoles simultaneously
TYPE OF SURVEYS	1D - 2D - 3D 4 lines of 8 channels 2 lines of 16 channels 1 line of 32 channels	1D - 2D - 3D 2 lines of 4 channels 1 line of 8 channels	1D - 2D
WEIGHT (Rx only / + Shipping Box)	7 kg / 23 kg	3.1 kg / 16,5 kg	1.6 kg / 7 kg
DIMENSION Rx only Rx / + Shipping Box	42 x 33 x 17 cm 68 x 24 x 40 cm	27 x 25 x 12 cm 53 x 21 x 38 cm	24 x 20 x 11 cm 49 x 18 x 39 cm
PDA	Allegro ² (Juniper Systems Inc.)	Allegro ² or Archer ² (Juniper Systems Inc.)	Archer ² (Juniper Systems Inc.)

Canadian Manufacturer of Geophysical Instrumentation since 1976

Features:

- User friendly and robust;
- New Hotkeys to speed up your entries (Allegro²);
- **Live Pseudosection of Apparent Resistivity and Chargeability during survey acquisition;**
- Applications: mining exploration, groundwater exploration, geotechnical investigations and other related fields;
- Fullwave data.
- All IP receivers come with the GDD Post-Process Software



Visit www.gdd.ca

PURCHASE

Can be shipped anywhere in the world.

RENTAL

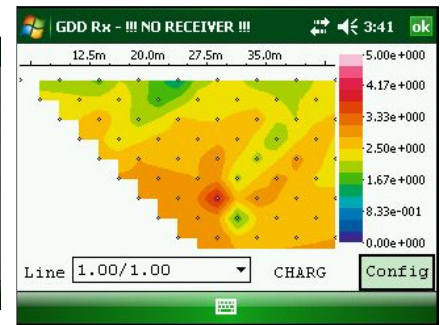
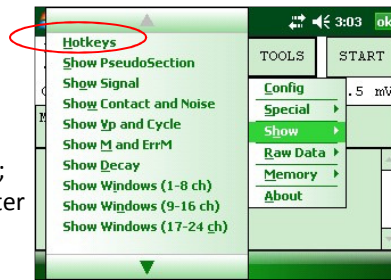
Starts on the day the instrument leaves our office in Québec to the day of its return to our office. 50% of the rental fee of the last 4 months of rental can be credited towards the purchase of the rented instrument.

WARRANTY

All instruments are covered by one-year warranty. All repair under warranty will be done free of charge at our office in Québec, Canada. Transportation, taxes and duties are extra, if applicable.



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Specifications:

- Operating Temperature: -40°C to 60°C / -40°F to 160°F;
- Automatic synchronization on ground signal or GPS, drift compensation, gain setting and stacking;
- ADC: **24-bit**;
- Gain: From 1 to 1,000,000,000 (10⁹);
- Twenty programmable chargeability windows: Arithmetic, logarithmic, semi-logarithmic, Cole and User defined;
- Noise Reduction: Automatic stacking number;
- Main values read : Vp, apparent resistivity chargeability, standard deviation, % of symmetrical Vp, etc.;
- Battery: Internal Lithium-Ion batteries and external Lithium-Ion battery pack;
- Battery life with 32 active channels: 15-20 hours at 25°C and 15-20 hours at -40°C with external battery pack;
- Enclosure: Heavy-duty Pelican case, environmentally sealed.

Electrical characteristics:

- Ground Resistance: up to 1.5 MΩ;
- Signal Waveform: Time-Domain ON+, OFF, ON-, OFF DC, 0.5, 1, 2, 4, 8 and 16 seconds;
- Input impedance: >130 MΩ;
- Primary voltage: ± 10μV to ± 15V for any channel;
- Protection: 500V (on each channel);
- Input: True differential for common mode rejection in dipole configuration;
- (Vp) Voltage measurement: Resolution 1μV, Accuracy ≤ 0.15%;
- (M) Chargeability measurement: Resolution 1μV/V, Accuracy ≤ 0.4%;
- (SP) Offset adjustment: Automatic compensation through linear drift correction per steps of 150μ, with resolution of 1μV;
- Filter: Eight-pole Bessel low-pass 15Hz, notch filter 50 and 60Hz;

SERVICE

If an instrument manufactured by GDD breaks down while under warranty or service contract, it will be replaced free of charge during repairs (upon request and subject to instrument availability).

OTHER COSTS

Shipping, insurances, customs and taxes are extra if applicable.

PAYMENT

Checks, credit cards, money transfer, etc.

Specifications subject to change without notice
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