



NordicEM24

New 24-bit EM Receiver system

*Looking for a rugged, portable,
easy to use EM Receiver working at -40°C?*

The new leading-edge NordicEM24 has been developed by Instrumentation GDD inc. and successfully field tested by experienced geophysicists from a major company in different geological and meteorological conditions. Especially designed to be efficient in cold weather, the compact and environmentally sealed NordicEM24 including a detachable screen has been developed for mineral exploration as well as groundwater and environmental applications.

Features:

- ➔ *Components and wiring built to work down to -40°C*
- ➔ *Detachable touch screen with on screen keyboard*
- ➔ *Easy to use software for field operators*
- ➔ *Commercial field surveys are being underway with LT squids*

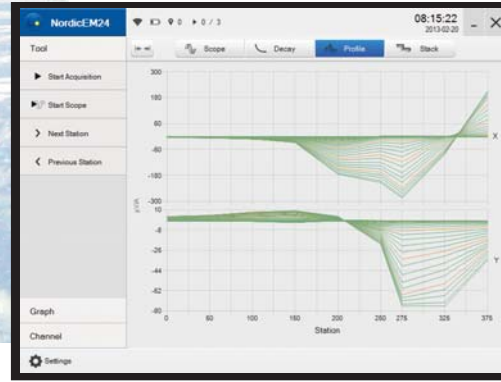


- TDEM Survey
- Full waveform recording with 24-bit ADCs
- Up to 8 input channels, each with ADC and amplifier
- Download data via USB
- Display scope, stacked data, profiles and decays
- Tested with different sensors: dB / dt (coil), B-field (LT and HT squid, Fluxgate)
- Standard data file formats : AMIRA format, ASCII compatible with Maxwell® software
- Battery life optimized in cold temperature with internal Lithium-Ion batteries
- Integrated internal GPS antenna or crystal synchronisation between EM Receiver and Transmitter Controller





“Successfully field tested by experienced geophysicists from a major company in different geological and meteorological conditions”



NordicEM24 Transmitter Controller

Dimensions: 35 x 29 x 18 cm / 13.75 x 11.5 x 7 in

53 x 38 x 21 cm / 21 x 15 x 8.25 in (with shipping box)

Weight: 4.4 kg / 9.8 lbs, 13.4 kg / 29.4 lbs (with shipping box)

Synchronisation: GPS and crystal

Duty Cycle: 50%

Transmitter compatibility: Geonics, Zonge and others

Base frequency range: 0.03125 to 30 Hz (50 Hz or 60 Hz selections)

Battery: Two Lithium-Ion batteries

Battery life: 11 hrs of operation (with 3 active channels at 20°C)
7.5 hrs of operation (with 3 active channels at -25°C)



NordicEM24 EM Receiver

Dimensions: 42 x 33 x 18 cm / 16.5 x 13 x 7 in

60 x 41 x 23.5 cm / 23.5 x 16 x 9.25 in (with shipping box)

Weight: 10 kg / 22 lbs, 20.4 kg / 44.6 lbs (with shipping box)

Input channels: 8

V Max input level: +/-3.28V on gain 1, +/- 0.41V on gain 8

Bandwidth: Up to 60kHz

Operating system: Windows Embedded Standard 7

Time windows: Various standard windowing or user defined

Input impedance: 2 Mohm

Display: 10.4" SVGA Resolution (800x600) with heater

Data storage: 64GB SSD

Battery: Four Lithium-Ion batteries

Battery life: 11 hrs of operation (with 3 active channels at 20°C)
7.5 hrs of operation (with 3 active channels at -25°C)

NordicEM24 Softwares

- Display scope, stacked data, profiles and decays
- Custom personal profiles
- Standard dump files: raw, stacked and windowed
- Stacking and processed data files generated
- Software and firmware free update can be performed by the user
- Post-processing software provided with the equipment

PURCHASE

Can be shipped anywhere in the world.

RENTAL- available in Canada and USA only

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 will be done free of charge at our office in Quebec, Canada.

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.



860, boul. de la Chaudière, suite 200
Québec (Québec), Canada, G1X 4B7
Phone: +1-418-877-4249
Fax: +1-418-877-4054
Web Site: www.gdd.ca
Email: gdd@gdd.ca