neoterra Systems

connex**BOX**

IN VEHICLE APPLIANCE SOLUTIONS

connex**BOX** XL

The connexBOX XL is NeoTerra's premier hardware solution. With the XL device, vehicles can be monitored with much greater detail than ever before on a MOTOTRBOTM System. In addition to telemetry and event based reporting, the connexBOX XL can support 3rd party sensors as well as Mobile Data Terminals.

-Periodic: Configure up to 2 time based GPS intervals.
-Turning Reports: Track your vehicle with every turn.
-Speeding Reports: Ensure driver safety with immediate warnings.
-Digital Telemetry: Monitor multiple devices.
-RS232 Connection: Connect to MDTs or other devices.
-FAST Protocol: 5 second granularity with minimal over the air traffic.

-Vehicle Ignition Timer Control.
-GPS Confidence Monitoring: Stay aware of how accurately your units are reporting.
-Out of Range and Batching: Advanced store and forward features to further increase your data reliability and bandwidth

H=1.18" W=5.43" L=5" weight=.47lbs

Interfaces: USB, RS232, IGN sense, digital inputs, digital outputs, CAN (OBD), Ethernet 802.11, A/D inputs

LIVE SUPPORT

connex**BOX** XLjr

The connexBOX XLjr takes the logical features of the connexBOX XL and offers these capabilities in a compact package. It is designed to enhance the data capabilities on a MOTOTRBOTM Professional Digital Two-Way Radio System. NeoTerra has removed the additional ports such as RS232 in favour of a compact purpose built product.
The device is compatible with all MOTOTRBO™ radios
-Periodic: Configure up to 2 time based GPS intervals.
-Turning Reports: Track your vehicle with every turn.
-Speeding Reports: Ensure driver safety with immediate warnings.
-FAST Protocol: 5 second granularity with minimal over the air traffic.
-Vehicle Ignition Timer Control.
-GPS Confidence Monitoring: Stay aware of how accurately your units are reporting.
-Out of Range and Batching: Advanced store and forward features to further increase your data reliability and bandwidth.

H="W=" L=weight=.25lbs

Works with our cables

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IN VEHICLE MOTOTRBO ™ APPLIANCE SOLUTIONS

connex**BOX** XT

The connexBOX XT utilizes manual input for status messaging. There are 11 status buttons, plus a 12th "No Status" or "Clear" button. These statuses are compatible with back-end Ready-Mix Solutions such as Command Alkon. The labeling on the device and the configuration of the server can be user defined to utilize the inputs for any status required for a particular application. This is an intelligent device, which means it can operate without any other connexBOX products. The connexBOX XT also offers all the logical features you would expect such as F.A.S.T. reporting as well as store and forward.

-Periodic: Configure up to 2 time based GPS intervals.
-Turning Reports: Track your vehicle with every turn.
-Speeding Reports: Ensure driver safety with immediate warnings.
-FAST Protocol: 5 second granularity with minimal over the air traffic.
-Vehicle Ignition Timer Control.
-GPS Confidence Monitoring: Stay aware of how accurately your units are reporting.
-Out of Range and Batching: Advanced store and forward features to further increase your data reliability and bandwidth.
-Status Control: Send your unit status to the dispatcher and/or Ready-Mix system

With the connexBOX XT, any MOTOTRBO™ Professional Digital Two-Way Radio equipped vehicle can send status updates directly to the customer's monitoring system. This can include Marcotte, GivenHansco, or the dispatcher themselves. It is a cost effective and ruggedized device for unidirectional communication.

> H=2.4" W=3.94 L-6.30 weight=1.7 lbs
>
> **Works with our cables**

LIVE SUPPORT

connex**BOX** XTjr

> H=2.4" W=3.15" L=6.54" weight=.95 lbs
>
> **Works with our cables**

connex**BOX** XR   connex**BOX** XD

Peripherals range from input devices to MDT solutions. These can enhance and add functionality to the core product. 3rd party equipment such as sensors can also be integrated.
The displays used in MDT solutions utilize RS232 connectivity.
The displays are loaded with application specific software and are used to provide information input/output to the driver. 3rd party Windows tablets with RS232 connectivity have the potential to serve as an XD as well as a neoTerra provided XR. This allows the user to select their own hardware for the interface.

F.A.S.T

F.A.S.T. is an acronym for _**Fast Adaptive Structured Tracking**_, a software solution under the **L.A.M.S.** family of solutions from NeoTerra which provides superior advancement in GPS throughput on MOTOTRBO™

.

- Up to 100 GPS reports in the space of one, with 5 second granularity without increasing OTA polling rates.
- Dispatching can track exact routes.
- Part of the connexBOX appliance
- F.A.S.T. works in the background
- Works on all digital MOTOTRBOTM system types
- 5 sec granularity while saving bandwidth

This means a massive increase in throughput without a single change to your MOTOTRBOTM Network.
All of this is possible while maintaining reliability of the data.

Improve both historical reporting and data usage. Observe every detour and movement

WITHOUT F.A.S.T.

WITH F.A.S.T.

NeoTerra Systems Inc.

In-Vehicle MOTOTRBO™ appliance solutions

Quick Payback and exceptional ROI.

connex**BOX**

F.A.S.T. Protocol

Telematics

Store and Forward

Ready-Mix Integration

Work-Order Integration

The connexBOX family of appliance solutions includes all in-vehicle enhancements for MOTOTRBO™. These products range in capability from basic store and forward of GPS data, to enhanced telematics and 100X data compression with F.A.S.T.

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MOTOROLA SOLUTIONS
PLATINUM CHANNEL PARTNER
Professional and Commercial Radio Application Elite Specialist

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