User Manual

Product Name: Electronic Logging Device

Brand: NCX

Model: NCX1701, ELD

Manufacture: National Carrier Exchange, Inc.

Contents

1. Instructions

1.1 **External I/O**

Product Interface Description:

10P interface

Connect vehicle OBD diagnostic interface, in order to obtain vehicle data and access to power

4P interface

Connect GPS module, in order to obtain satellite signals

Micro USB interface

Connect usb to PC, in order to configure parameters and upgrade the firmware

SIM Interface

SIM card inserted, for wireless communication, the data uploaded to the specified server

Product connection diagram:

The OBD connector is connected to the car's OBD diagnostic interface

1.2 LED Status Indication

OBD LED	Green	Blinking - Trying to access OBD system Solid on - Successful OBD communication Solid off - In sleep
GPS LED	Red	Blinking - Searching for GPS Solid on - 3D Positioned Solid off - GPS off
GSM LED	Yellow	Blinking - Connecting network Solid on - Connected with the server Solid off - Cellular off
BT LED	Blue	Solid on - Connected with Bluetooth Solid off - No Bluetooth connection or off

1.3 Specification

Operating Temperature	-10℃ ~ +80℃
Working frequency	72Mhz
Working power	10W
Working Voltage	9~36V
Hardware version	V1.3
Software version	V1.2.0

2. Features

Electronic Logging Device(ELD) installed in the vehicle, you can get a variety of vehicle information:
1. Driver login information
2. Vehicle work data
Driver's driving behavior data
4. Vehicle and equipment fault data
Drivers can access the data via Bluetooth mobile eld via mobile APP.
ELD also through the WCDMA wireless network, these data will be sent to the specified server.
In order to achieve the management of vehicles.

3. Precautions

The device is connected to the car and continues to operate. Due to its inherent failure rate, if it is found to have an impact on the vehicle, disconnect the car immediately.

4. Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.