



DX211-13BT

INDICATOR HANDSET

Operating Instructions

IN2071A
Jan 2005

IMPORTANT

Every reasonable effort has been made to ensure that information within these Operating Instructions is correct at the time of release, but Dieseltune cannot accept responsibility for any errors that may occur.

The information in these Operating Instructions is subject to change without notice, and does not represent a commitment on the part of Dieseltune.

Service & Warranty

The reliability of this equipment is fully supported by our service agent, MSI, with repair workshops and field service engineers to provide a full range of After-Sales Care, including installation, contract maintenance, factory overhaul and emergency repairs on site. Please refer to the page at the end of this manual for full details.

Note:

Your attention is drawn to our Terms & Conditions of Sale, particularly paragraph 2. If a service engineer is called out under service warranty where, upon inspection and test the equipment is found to be in full working order and no fault found, the user is liable to be charged the cost incurred for this call out. Before calling out an engineer, ensure your equipment is faulty by checking its operation, particularly mains supply and fault codes/self test if applicable.

WARNING:

Do not attempt to operate this equipment unless you have read and understood these instructions.

Contents	Page No.
Safety	4
Introduction	4
List of Contents	4
Controls	5
Battery replacement	5
Fitting	6
Configuration	6
Operation	7
Spares and After Sales Service	8
Spare Parts	8

Safety

- ! Always follow the vehicle manufacturer's instructions when holding the cut off speed of Diesel engines
- ! Unless authorised, do not remove or make any alteration to any part of the supplied equipment. Contact the supplier
- ! Do not use the Indicator Handset for any other purpose than for which it is intended
- ! Do not place the handset anywhere within the vehicle's engine compartment, even momentarily
- ! Keep this user manual in an easily accessible place

Introduction

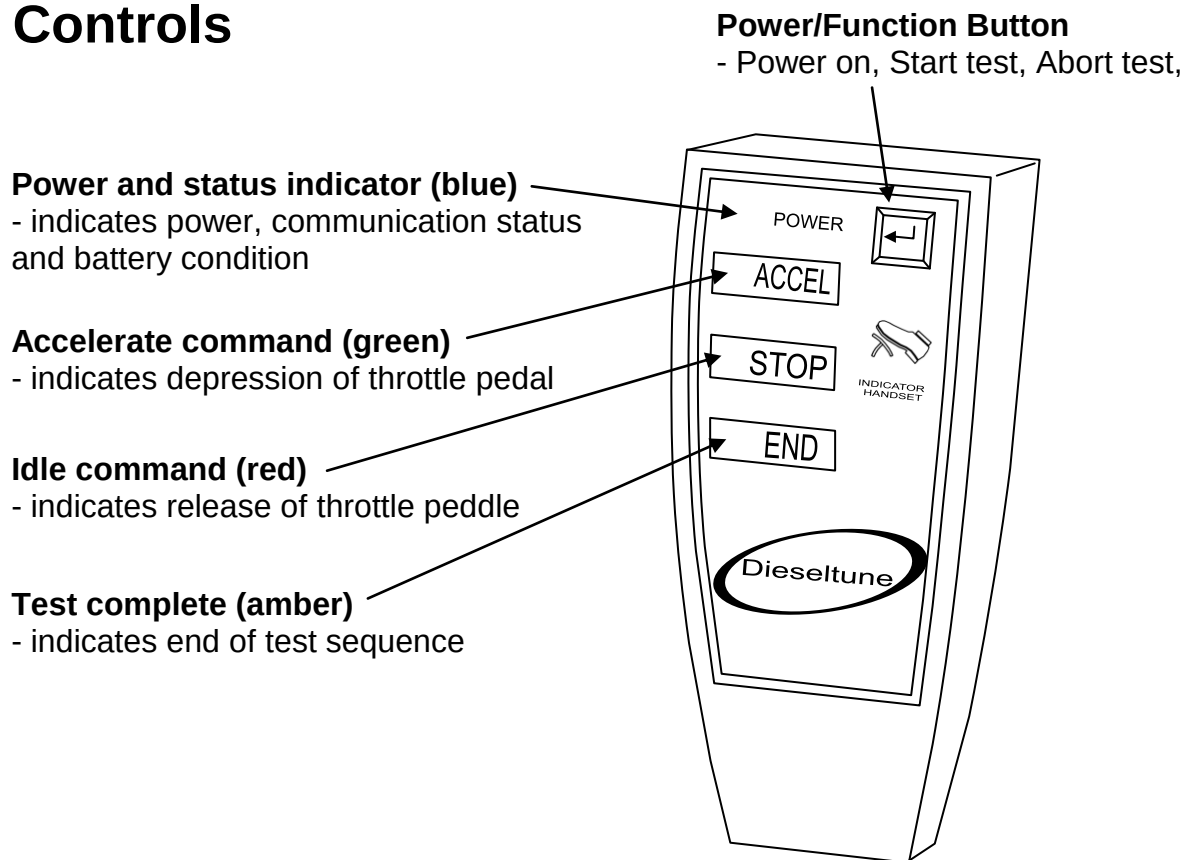
The DX211-13BT communicates throttle command instructions to the vehicle tester, allowing the ability to follow the correct testing sequence without the need to be in visual range of the host display screen. The DX211-13BT communicates via the latest Bluetooth® wireless technology to the host equipment and has a range (in free air) of approximately 100 metres.

List of Contents

- 1 x DX211-13BT Handset
- 1 x Ni-Mh AA Battery charger
- 4 x Ni-Mh AA batteries (2 required, 2 spare)
- 1 x Mounting cradle and fixings
- 1 x Operating Instructions

Please check that all the contents are present.

Controls



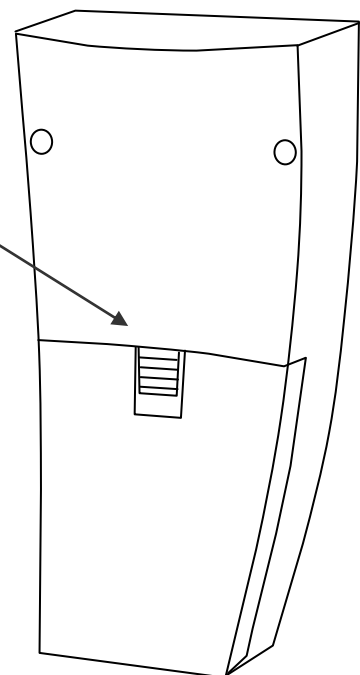
Battery replacement

Battery compartment release

The batteries supplied with this unit are rechargeable Ni-Mh AA cells.

Batteries must be inserted correctly as indicated in the base of the compartment. Polarity must be observed; failure to do so will not damage the equipment but will prevent operation of the equipment and considerably shorten the battery life.

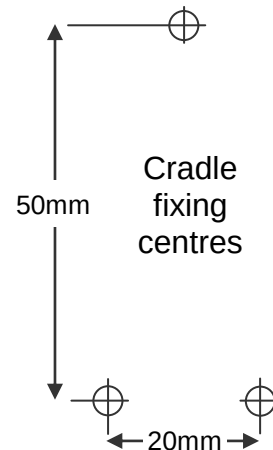
Standard alkaline AA batteries (non-rechargeable) can be used instead, but as these cannot be recharged they will need to be replaced on a regular basis.



Fitting

The DX211-13BT is supplied with a mounting cradle which can be affixed to the host equipment using the fixings supplied or to a wall using screws and wallplugs available from your local hardware store. The DX211-13BT is a wireless device that will communicate with a Bluetooth® Smokemeter via Bluetooth® wireless technology, therefore there is no interconnection cable required for this product. This product cannot be used with non-Bluetooth® enabled equipment.

Allowance should be made for removal of the handset from the cradle when selecting a suitable fixing position. Do not allow the cradle to distort by affixing against an uneven surface.



Configuration

The DX211-13BT communicates to a suitable Bluetooth® smokemeter via Bluetooth® wireless technology and will need to be set up and configured to the smokemeter equipment. If this has not already been supplied set up then please perform the following configuration procedure:

The Bluetooth ID (BTID) will need to be entered in the program.

Minimize the Wuks2 program and from the 'Start' menu select the following:

Start / Programs / Dieseltune Wuks2 / Wireless Module Configuration Utility

Select 'OK' on the warning prompt to initiate the Address entry screen.

Enter the Bluetooth ID for the DX211-13BT handset. This address is a 16 character string identified on the handset serial label.

Select 'Save values and exit'

Operation

Switching on

To switch on the handset, momentarily press the power button – the blue Power/ Function LED indicator will illuminate and flash:

Slow flash -1 flash/second – normal

Fast flash - 5 flashes/second – battery low

Once communication has been established between the handset and the DX211BT the LED indicator stops flashing and remains steady on.

Switching Off

The handset will switch off automatically under the following conditions:

- Test sequence completed
- No communications established within 30 seconds
- No commands received within 5 minutes
- Low battery on power-up (fast flash for 3 seconds)

Starting the test

Once the handset is switched on the test sequence can be initiated by briefly pressing the Power/Function button

- The Power/Function LED will blink twice and the test sequence will start.

Aborting the test

To abort a test: press the Power/Function button three times quickly (within 1 second).

- The Power/Function LED will blink twice and the test sequence will abort.

The test sequence

Once the user has switched the handset on and initiated the test sequence (see 'Starting the test'– above) the command instructions on the handset follow the sequence determined by the test programme:

- | | |
|---|--|
|  ACCEL | - Fully depress the accelerator pedal and hold |
|  STOP | - Release the accelerator pedal and wait |
|  END | - Test completed – return to console |

Battery level warning

If the battery power depletes below the required level during operation the Power/Function LED starts blinking steadily (1 blink every 2 seconds) the batteries should be recharged or replaced as soon as possible.

If the battery power level has depleted on switch-on and communication has not yet been established the Power/Function LED will flash rapidly (5 flashes/ second) and the handset will automatically switch off after 3 seconds. The batteries should be recharged or replaced immediately.

Note: the handset will not power down during a test sequence but the batteries should be replaced as soon as the current test has been completed.

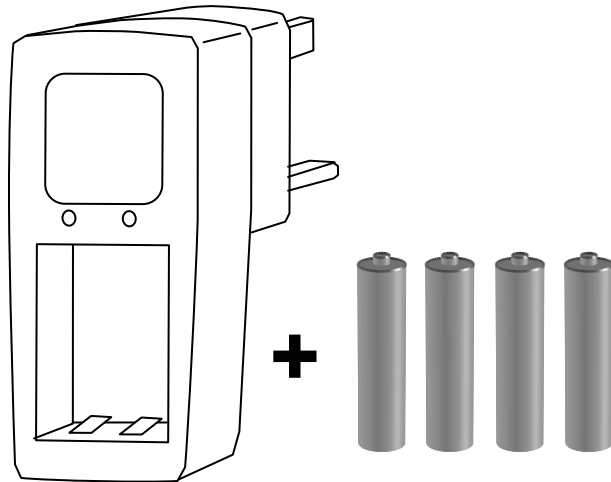
Spares and After Sales Service

Spare parts and service are available through our service agent. Initial contact should be made via the Dieseltune Product Support Helpline on 01278 436225. All spare parts purchases are subject to minimum order values.

Spares Parts

ELMU0206

Ni-Mh Battery Charger
Includes 4 x AA Ni-Mh batteries



Dieseltune Technology Business Park,
Bristol Road, Bridgwater,
Somerset TA6 4BX
Tel: +44 (0) 1278 436200
Fax: +44 (0) 1278 450567
Email: sales@dieseltunetechnology.com
Website: www.Dieseltunetechnology.com