MYLAPS

VERSION 1.1

ENGLISH

MANUAL

X2 PLUS TRANSPONDER

CAN BE USED FOR

EXPERIENCE PROGRESS

Published by:

MYLAPS B.V.
Zuiderhoutlaan 4
2012 PJ Haarlem
The Netherlands

Manual revision history		
Version	Date	Amendments
Version 1.1	November 2018	

1. How to use this manual

Search for Keywords

Search for keywords such as "decoder or installation" to find a topic. Press Ctrl+F on Windows or Command+F on Mac.

Navigate Topics

View a complete list of topics in the table of contents. Click on a topic to navigate to that section

Printing this Document

This document supports high resolution printing.

Legends

 Hints and Tips

 Important

 Reference

About this Manual

This manual is intended for operating and supervisory personnel and provides information on installing and operating the X2 Plus transponder.
This publication has been written with great care. However, the manufacturer cannot be held responsible, either for any errors occurring in this publication or for their consequences.
The sale of products, services of goods governed under this publication are covered by MYLAPS 's standard Terms and Conditions of Sales and this product manual is provided solely for informational purposes. This publication is to be used for the standard model of the product type given on the cover page.

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
(2) This device must accept any interference received, including interference cause undesired operation.

Warning (part 15.21)
Changes or modifications not expressly approved by the party responsible for compliance could void the users' authority to operate the equipment.

This device complies with the EMC directive 2004/108/EC and RTTE directive 1999/5/EC. A copy of the declaration of conformity can be obtained at:

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RoHS Compliant
This equipment has been tested and found to comply with the limits for RoHS compliant materials. These limits require manufacturers to ensure that they do not use materials or components that contain restricted substances that may be harmful to the environment.

Contents

2. General

2.1. What is in the box

	10R200

2.2. Specifications

Dimension	118x57x23mm (4.6x2.2x0.9 inch)
Weight	Approx: 180 grams
Housing	Water and shock proof
Temperature range	0-60°C (32-140°F)
Humidity	10% to 90% relative
Max. Speed	360 km/h (225 mph)
Operating Time	Active while external power applied
Back up battery	Approx. 4 hours with full functionality enabled, when fully charged.
Input Voltage	8-17 VDC
Power consumption	12VDC/ 200 mA when charging backup battery, 100 mA average when fully charged
Open Collector voltage	Max. 12 V
Open Collector current	Max. 10mA
Signal transfer	Magnetic induction

Transponder Position:

Max. Height	60 cm (2 ft.)
Min. Height	15 cm (6 in.)

Cabling:

Connector	Deutsch ASU003-05PN
Contra Connector	Deutsch ASU603-05SN

CAN bus:
CAN 2.0A compliant. Termination, baud rate and message ID's can be set using 2-way (RF) message.
Default: 1 Mbit, no termination.

Specifications are subject to change without notice.

2.3. LED Status

LED	COMM	Power
OFF	No 2way Link	No external power applied, transponder in off or sleep mode
GREEN	2way Link active	External power applied with a level between 10 to 15V
RED	2way communication	No external power applied or external applied power outside 10 to 15V range

3. Mounting instructions

The MYLAPS X2 Plus Transponder needs to be mounted at the chassis or the frame. Always use the supplied rubbers and top hats or mounting bracket to mount the transponder.

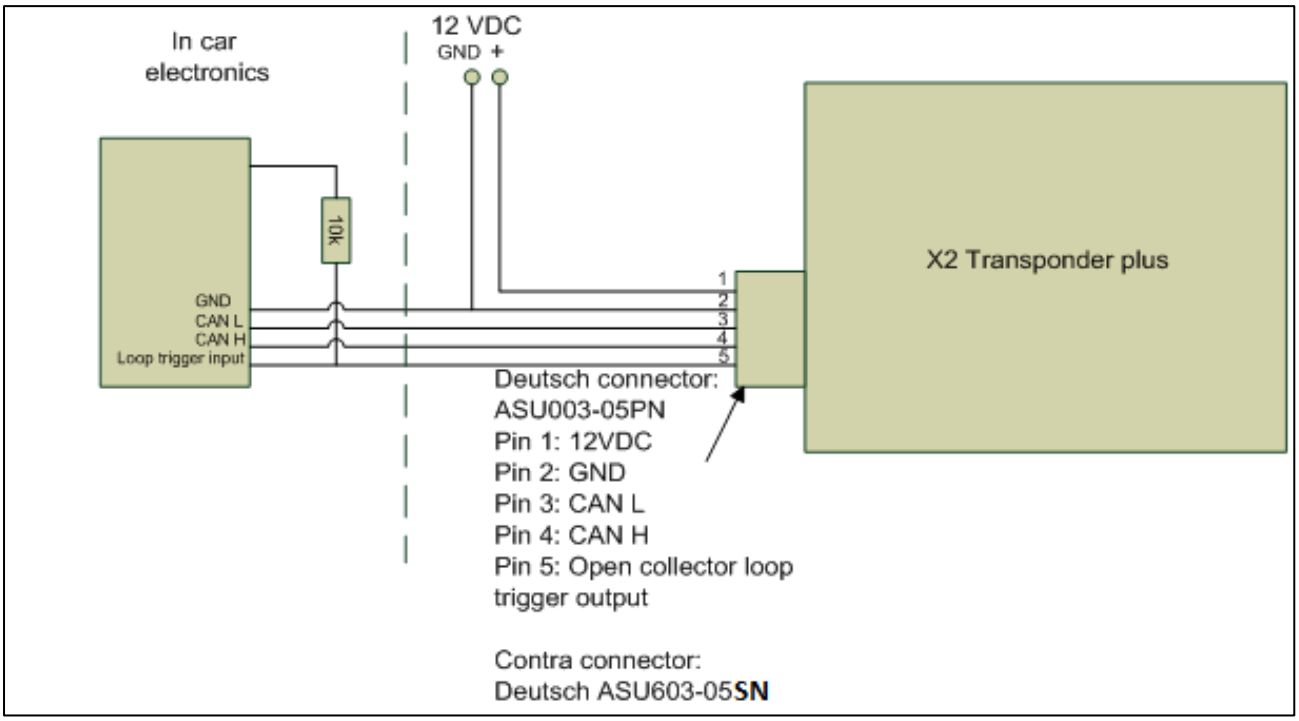
The cable which connects to the transponder needs to be fixed as close as possible to the transponder, at the same mounting area where the transponder is positioned.

Avoid running any other cables in an area of 5cm around the transponder as this will affect the transponder signal.

The transponders cannot be mounted on or near the engine and/or the exhaust due to heat and vibrations. For optimal mounting conditions see included drawing.

4. Wire diagram

The below wiring diagram shows you how to install the MYLAPS X2 Plus Transponder in your vehicle. If you connect the transponder in a different manner than it is described above, the warranty will be voided.



5. Support

In case you encounter any issues, please contact your sales offices:

MYLAPS EMEA Office
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Our Frequently Asked Questions (FAQ) can be found on help.mylaps.com

CE Declaration of Conformity MYLAPS X2 Plus transponder

We,

MYLAPS
Zuiderhoutlaan 4
2012 PJ Haarlem
The Netherlands

Declare that the RF transponder

MYLAPS X2 Plus transponder

In accordance with the following directives:

in accordance with the following Directives:

2014 / 53 / EU	The Radio Equipment Directive (RED);
2011 / 65 / EU	The restriction of the use of certain hazardous substances in electrical and electronic equipment Directive (ROHS)

has been designed and manufactured to the following specifications:

EN 300 330-2 (2015)
EN 301 489-1 (2011)
EN 301 489-3 (2013)

I hereby declare that the product named above is designed to comply with the relevant sections of the above referenced specifications, and all essential requirements of the Directives.

Name of authorized person:	John Verwoerd
Function of authorized person:	R & D Director
Place and Date:	Haarlem, November, 2018

Signature of authorized person: