



MANUAL

X2 PRO SERVER

CAN BE USED FOR



EXPERIENCE PROGRESS

Published by:

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

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Manual revision history

Version	Date	Amendments
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Version 1.1	December 2018	
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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 PRO server

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

1. How to use this manual.....	3
Legends.....	3
About this Manual.....	3
Contents.....	5
2. General	6
2.1. What is in the box.....	6
2.2. Specifications	6
3. Start using the MYLAPS X2 Server	8
5. Support.....	9
CE Declaration of Conformity MYLAPS X2 PRO Server	10

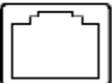
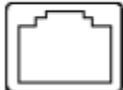
2. General

Pro X2 Server. Comes as a 19" version. MYLAPS X2 Pro is the most advanced data platform. The main new feature is 2-way communication, which enables transmission of messages and status info from and to the racer. When a track has multiple loops, the options of receiving and sending information become endless. With the MYLAPS software development kit you are able to create fully customized applications.

2.1. What is in the box

	<p>15R081PRO</p>
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2.2. Specifications

<p>Connect the MYLAPS X2 server to the AC mains power supply. As the MYLAPS X2 server has no on/off button it will start working immediately after power is applied. The display in front will show an AC power supply icon</p> <p> AC</p>	 <p>100-240VAC 50/60HZ 1.5A</p>
<p>Connect the GPS antenna to the X2 Server to synchronize the MYLAPS X2 server clock to UTC time. When there is GPS reception the display will show a satellite icon with a received signal strength indication</p> <p> GPS</p>	 <p>GPS</p>
<p>Use a UTP cable to connect the MYLAPS X2 Server to a network on port 1 of the MYLAPS X2 Server. The LEDs on the connector will show if a physical network connection is available.</p>	<p>1</p> 
<p>By using a PoE+ network switch the MYLAPS X2 Server can also be powered over this port. In this case the display will show a PoE+ icon</p> <p> PoE+</p>	
<p>When used together with the AC mains power supply the PoE+ power supply functions as a secondary 'back-up' power supply. When, for example, the AC power supply is disconnected the display of the MYLAPS X2 Server will show a blinking icon</p> <p> PoE+ AC</p>	<p>2</p> 
<p>The network port 2 is for future use and will be available from MYLAPS X2 Server V2.0 and up.</p>	
<p>Pressing the Reset button at the back panel of the X2 Server will set it to factory defaults. Network settings will be set to DHCP and the admin login account password will be set to 'admin'.</p>	 <p>Reset</p>

The MYLAPS X2 Server will always shut down when both the AC mains power supply and the PoE+ power supply are disconnected. Power down will take a few seconds as the MYLAPS X2 Server will close the database using its internal 'close down' power source. The display will show <powering down>

Make sure your computer is configured to obtain an IP address automatically.

Check the display to see if the MYLAPS X2 Server obtained an IP address from a DHCP server. If this is the case, proceed to <Start using the MYLAPS X2 Server>.

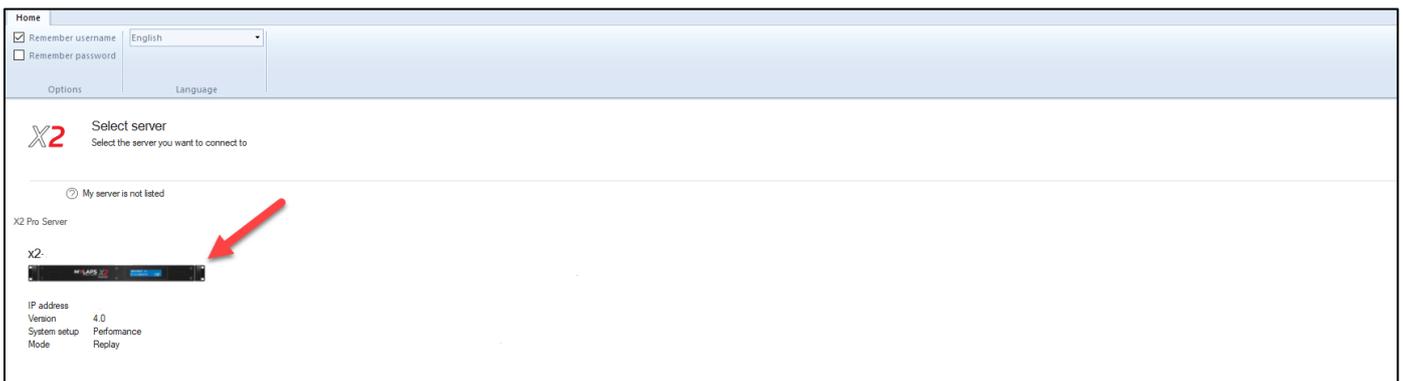
When there is no DHCP server available on the network the MYLAPS X2 Server will obtain a <local link> IP address itself. In this case the display will show an IP address in the 169.254.x.x range. This will occur for example when the network port is connected directly to a laptop via a UTP cable.

3. Start using the MYLAPS X2 Server

Start a web browser on a computer connected to the MYLAPS X2 Server. Browse to the IP address shown on the display of the MYLAPS X2 Server. The X2 Manager start up page will open.
Install the MYLAPS X2 Manager on your computer by running the downloaded setup file. Go through the setup process and run the MYLAPS X2 Manager.



Open the X2 manager on your desktop, you see now your X2 Server in the overview.



Click on your <Server>

A login screen will appear. The factory default for the Username is <admin> and for the Password is also <admin>. When logged in, new user accounts can be created in <X2 Server> <Users>

The MYLAPS X2 Server will automatically discover the MYLAPS X2 Decoders that are available on the network if the network allows for Bonjour zero configuration networking. When the complete system setup is done, close the System Setup window to have a diagnostics overview of the complete MYLAPS X2 System. Start up your applications that are connected to the MYLAPS X2 Server and log in with your user account to start working. For detailed information, please check the MYLAPS X2 Manager manual.

5. Support

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

MYLAPS EMEA Office
Haarlem, The Netherlands
Tel: +31 23 7600100
Email: info@mylaps.com

MYLAPS Americas Office
Atlanta, USA
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Tel: +61 2 9533 1100
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MYLAPS Asia Office
Selangor, Malaysia
Tel: +60 3 5613 1235
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Our Frequently Asked Questions (FAQ) can be found on help.mylaps.com

CE Declaration of Conformity MYLAPS X2 PRO Server

We,

MYLAPS
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2012 PJ Haarlem
The Netherlands

Declare that the RF server

MYLAPS X2 PRO Server

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)

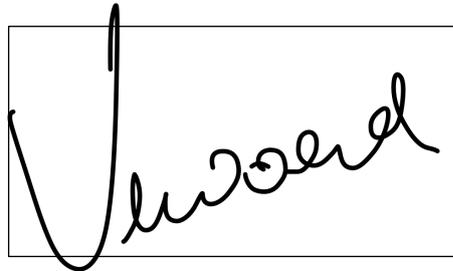
has been designed and manufactured to the following specifications:

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, December 2018

Signature of authorized person:

A handwritten signature in black ink, enclosed in a rectangular box. The signature is written in a cursive style and appears to read 'J. Verwoerd'.