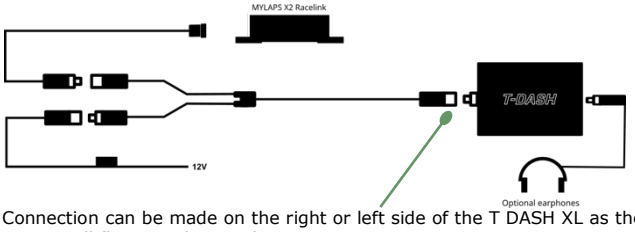
T DASH XL

Quick Start Guide



Connection overview

See pin out at the back of this page.



Connection can be made on the right or left side of the T DASH XL as the screen will flip according to the orientation.

TDASH APP

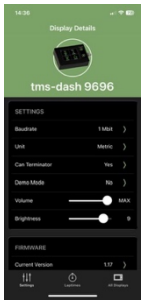
Download the TDash app from the app store. Search for 'TDash TMS' or scan below QR code.

IOS **ANDROID**

Make sure the wireless connection on the smartphone is enabled. Stay in close range (less than 1m) from the T DASH XL to make a connection.

Click the T DASH XL icon and then the T DASH XL serial number, which can be found on the T DASH XL. A pin code will appear on the T DASH XL (not while driving). Type this pin code in the TDash app to connect.

APP SETTINGS



Go to the settings menu to configure the T DASH XL.

Use the CAN settings to make sure to have a good data connection between the Racelink and the T DASH XL.

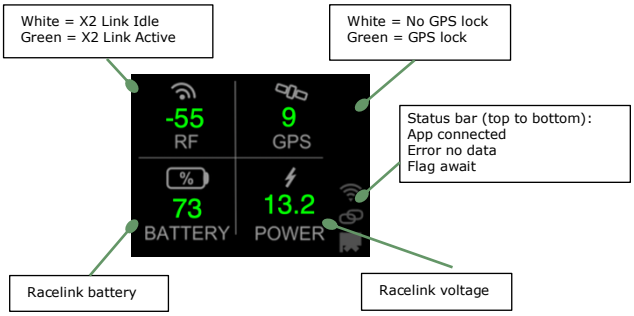
Use the demo mode to learn about all available flags. Disconnect the Racelink first.

Brightness can also be set with the upper button.

Check under 'Firmware' if the T DASH XL uses the latest firmware version available. If not, upgrade to the latest version.

RACELINK PAGE

Use the lower button on the T DASH XL to switch between pages. Go to the 'Racelink' page to check if the Racelink connection is working.



STATUS BAR

In all pages but the flagging page a status bar is shown in the lower right corner of the screen (see picture above).

BUTTONS

The upper button can be clicked at any time to open the brightness setting for a few seconds. Use the up and down buttons to adjust it. The lower button scrolls between pages with a short click. Click and hold it to show options for the current page, if available. Buttons do not work during a flag, except a Clear Flag.

PAGES

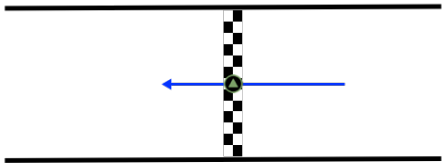
The T DASH XL has multiple pages to enable different views. By pressing the lower button, it is possible to scroll through the pages. The selected page will be memorized and will be the default page at next power up. **Regardless of which page is selected, the T DASH XL will switch to the Flagging Page when a flag is received. When the flag is cleared the T DASH XL will switch back to the previous page.** When no other information is wished to be shown but flags, select the flagging page. The flagging page is designed to have no distracting information at all but flags.

SOUND

The 3.5mm audio line out can optionally give a headphone notification for each new flag. The volume is set in the TDash app.

LAPTIMER

To enable the GNSS Laptimer, configure the track in the 'Track' or 'Laptimer' page: hold the lower button to start.
'SET FINISH' must be green (good GNSS reception). Push the lower button while passing the finish line at relatively low speed.



Please find a full user manual on the Product page of our website:
https://tmsproducts.com/products/t-dash-xl/

HANDLING PRECAUTIONS ⚠

Since the display window is made of glass, avoid mechanical impacts such as dropping from a high position. If pressure is applied to the display window surface it may be damaged.
When the surface of the display window is dirty use a dry cloth, never use a solvent or any other fluid as the display window will get damaged easily.
When dirt like soil is on the display window it is recommended to use tape (e.g. Scotch mending tape 810) to remove the dirt before cleaning the display window with a dry cloth. This is important to avoid scratches on the surface of the display window.

Failure to observe the above precautions may void the warranty.

DISCLAIMER

This product has been designed with the utmost care. However, TMS Products B.V. accepts under no circumstances liability in any form whatsoever for damage or injury resulting from or arising out of the use of this product. We make every effort to provide correct and up-to-date information about our products however, no liability is accepted for incomplete or incorrect information in this manual.

This product is designed, among other things, to improve safety in motorsport. However, it is only an aid to the user which, when everything is fully functional, may make the situation on a track safer. However, the user remains responsible for his own safety at all times and cannot claim any liability in case of malfunction of the product or the products linked to it. The sale of products governed under this publication are covered by TMS Products B.V. Product Sales Terms and Conditions and can be found here:

https://tmsproducts.com/policies/terms-of-service

Always keep observing the marshal posts and personnel around the track!

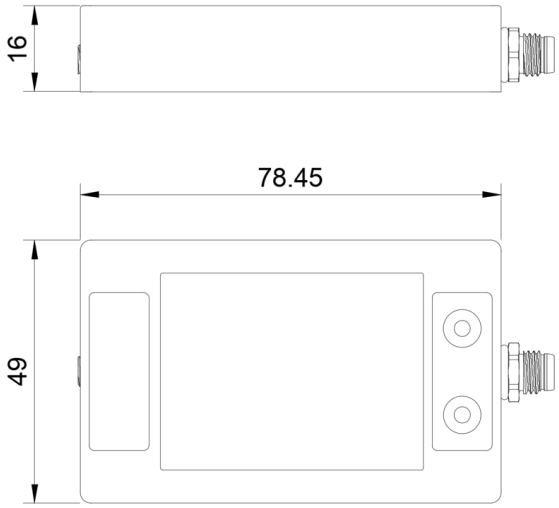
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INSTALLATION information

Dimensions in mm



MOUNTING

- Connect on the left or the right side; the T DASH XL detects the orientation
- Mount at a position where the driver has a good view of it in all racing conditions
- Do not mount in direct sunlight
- Do not mount in a spray of water in wet racing conditions

⚠ **WARNING:** Always mount the T DASH XL securely with the M3 mounting holes. A display that comes loose during racing can distract the driver or cause injury.

REQUIRED CABLES (NOT INCLUDED)

With a Racelink Club (MYLAPS #10C120CC):
- M8 Y-connection cable, MYLAPS #40R462CC

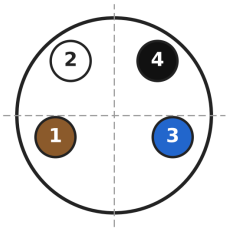
With a Racelink Pro (MYLAPS #10C010/C or B):
- X2 Pro Adapter Cabling Set Deutsch/M8, MYLAPS #40R080 (Deutsch/M8 adapter, power cable with fuse, Y-cable)

TROUBLESHOOTING: ERROR NO DATA

When the Flagging page shows ERROR NO DATA, or the status bar shows Error no data, check that:
- The Racelink is configured for external flagging (CAN ID 200 and 201) with the MYLAPS external protocol
- The CAN bus is physically connected and the CAN baud rate matches the Racelink (default 1 Mbit)
- The CAN terminator setting in the TDash app matches your cable layout

PIN-OUT M8 CONNECTOR

M8 circular sensor connector, i.e. Binder 718 series



1	Brown	= 12VDC
2	White	= CAN low
3	Blue	= Ground
4	Black	= CAN high

Always use a fused power supply coming from the switched main power.

SPECIFICATIONS

Dimensions	78.5 x 49 x 16 mm
Weight	appr. 110 grams
Operating voltage	7 to 16 VDC, typical 12 VDC
Power consumption	appr. 1 W, 0.08 A @ 12 V max
Operating temperature	-20 to 70°C
Ingress protection	IP67, with cable connected
Display	2.4" full color 320 x 240 IPS TFT, 850 nits
CAN baud rate	1 Mb, 500 kb, 250 kb (setting via app)
CAN termination	On/Off (setting via app)