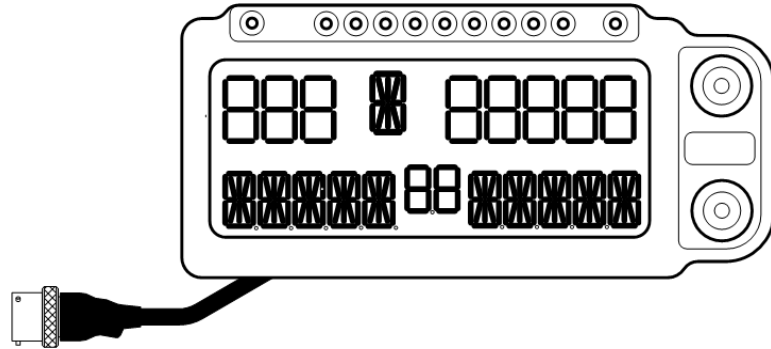


## K-DASH COMPACT DISPLAY UNIT WITH CAN and ETHERNET



### Introduction

K-DASH is a compact display for all applications requiring small dimensions, easy readability and advanced features.

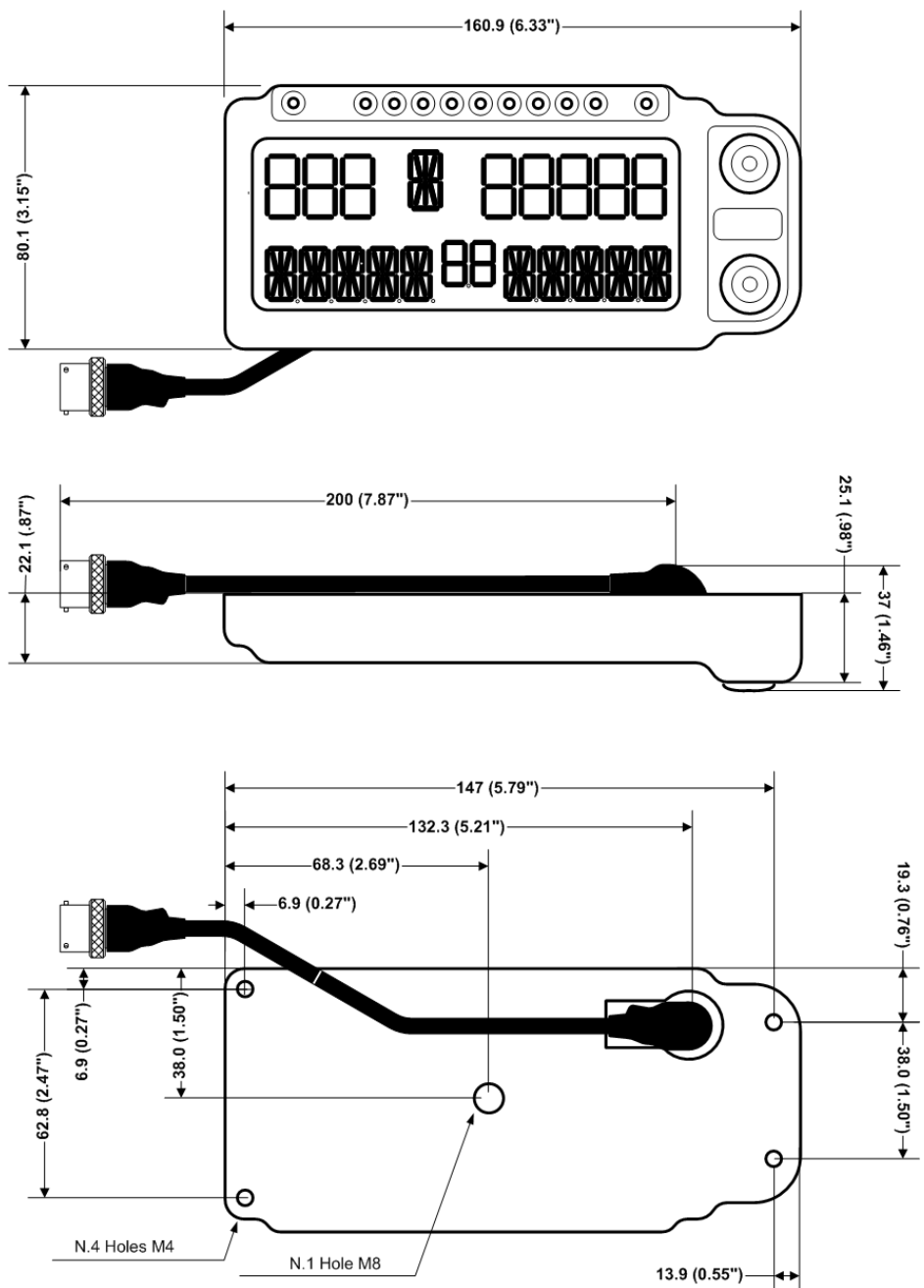
The advanced features are suitable for Your most sophisticated Motorsport or Industrial Research & Development application.

It is possible to program the unit in order to obtain your required functionality and also as a stand-alone unit for Your custom CAN application:

- High Contrast (readable in direct sunlight) Black and White display with backlight
- Setup Software running under Microsoft® Windows® 2000/NT/XP operating systems
- Positive and Negative LCD versions available
- N°9 typically RPM software programmable LEDs
- N°1 software programmable alarm LED
- N°1 software programmable gear shifting LED
- Up to 5 software programmable pages
- N°2 Integrated Push Buttons for page handling (Up-Down, Alarm reset and Self-test)
- N°3 software programmable remote push buttons for the following features:
  - Page Up
  - Page Down
  - Alarm Reset
  - Shot Event
- N°1 Programmable CAN Interface Port (max 1Mbit/sec CAN 2.0 PartA&B) as:
  - CAN Speed (programmable up to 1Mbit/sec)
  - ID Messages
  - Message Definition
  - MSB / LSB communication type
- Programmable Messaging System (only in conjunction with other MAHTechS devices)

- Programmable calibration on each channel
- Programmable alarms
- 8-32Volt DC power supply
- N° 1 10/100Mbit/sec ethernet interface port (IP Number Software Programmable)
- Autosport/MIL38999 13 pole connector
- IP67 anodized aluminium case
- Anti-Vibration devices included
- -20° to 70° operating temperature
- Size 160.9x80.1x25.1
- Weight of 390gr.

### Dimensions



Dimensions in millimetres and (inches)

## Connector Information (Standard Version)

### Connector AS110-35PN Mating Connector AS610-35SN

PIN	FUNCTION
1	+ Battery Voltage
2	- Battery Ground
3	CAN H
4	CAN L
5	Ethernet TX+
6	Ethernet TX-
7	Ethernet RX+
8	Ethernet RX-
9	Switch 3
10	Switch 4
11	Switch 5
12	Ground Switch
13	Ground Switch
Scr	Connected

## Connector Information (nanoM5 Version)

### Connector DTM06-04P Mating Connector A

PIN	FUNCTION
1	+ Battery Voltage
2	- Battery Ground
3	CAN H
4	CAN L

### Connector DTM06-04S Mating Connector A

PIN	FUNCTION
1	Ethernet TX+
2	Ethernet TX-
3	Ethernet RX+
4	Ethernet RX-

### Connector DTM06-06S Mating Connector A

PIN	FUNCTION
1	Switch 3
2	Switch 4
3	Switch 5
4	Ground Switch
5	Ground Switch
6	NC



## Specifications

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DESCRIPTION	VALUE
Supply Voltage	8 to 32Volt DC
Supply Current	190 to 380mA@12Volt DC
Operating Temperature Range	- 20 to +70°C (-4 to +158°F)
Storage Temperature Range	- 40 to +85°C (-40 to +185°F)
Weight	390 gr. (13.8 ounces)
Environmental	IP67

## Ordering Information

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DESCRIPTION	PART NUMBER
K-DASH with Positive LCD	K 602 001 001 001
K-DASH for nanoM5 with PLCD	K 602 001 003 001
K-DASH with Negative LCD	K 602 001 002 001
K-DASH for nanoM5 with NLCD	K 602 001 004 001
Test and Programming Loom	M 101 002 001 001

## MAHTechS Contact

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