Configuring your display

1 Visit **www.lascarelectronics.com/software/panelpilot-m** to download PanelPilot M software onto your PC.

2 Connect the device to your PC using a standard mini USB cable - CABLE USB A-MF (not supplied).

3 Open up the software on your PC and follow step-by-step instructions for configuring your display.

Dual-In-Line IDC (DIL Connector)

The DIL IDC socket provides an alternative connection method to the screw-terminals. It also includes provision for future expansion using data buses and alarm outputs.

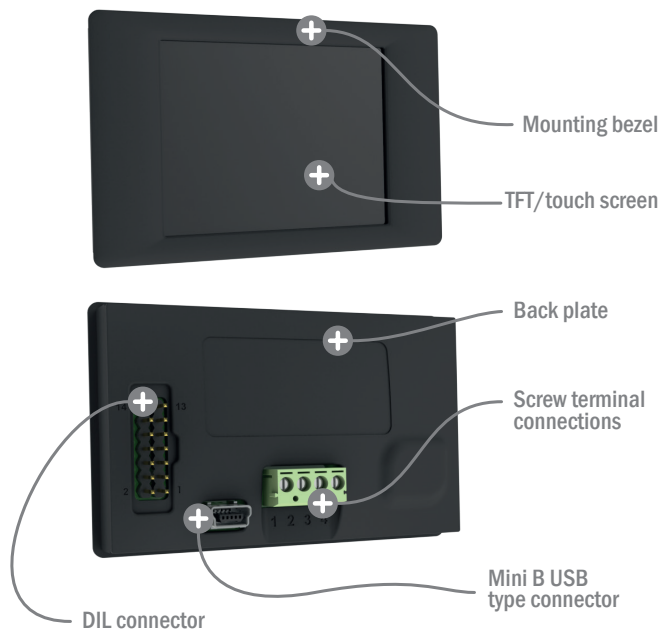|		
N/C	● ●	N/C
SPI CS3	● ●	PWM OUT
3.6V OUT	● ●	DAC2
0V	● ●	DAC1
SPI-MOSI	● ●	SPI-SLCK
SPI-CS2	● ●	SPI-MISO
I²C-SDA	● ●	I²C-SCL
ALM2	● ●	ALM1
V+	● ●	0V
IN2	● ●	IN1

Not fitted on all display models

PanelPilot M

RPM

Quickstart Guide

Getting to know your display

All PanelPilot compatible displays share the following features:

Mounting bezel

TFT/touch screen

Back plate

Screw terminal connections

DIL connector

Mini B USB type connector

Mounting

Your display can be mounted in a panel up to 3mm deep. We recommend using the silicone seal provided for panels of 2mm or less. Please consult the Mounting section of the appropriate data sheet for exact cut-outs and mounting methods for your display.

Screw Terminal Connection

There are four screw terminals for connecting single and dual input applications. They are labelled 1 to 4 as follows:

1	IN2
2	IN1
3	0V
4	V+

N.B. For safety reasons, the meter should be isolated from both the supply and signal voltages before connecting the USB.

Default Configuration

Each display is supplied pre-configured as a 0 to 10V d.c. single-ended combined analogue and digital voltmeter. Connection should be made via the screw terminals as follows:

1	IN2	No connection
2	IN1	Connect to 0 to 10V d.c. signal voltage
3	0V	Connect to 0V
4	V+	Connect to 4 to 30V d.c. supply voltage

Please consult the Applications section of the appropriate data sheet for further details of wiring schemes, cautions, etc.

What's in the box?
- Panel meter
- Fixing kit
- Quick start guide

Accessories
- CABLE USB A-MF (standard mini USB cable)

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