



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. Visit www.panelpilot.com for information on which features are currently supported. The pin-out is as follows:

N/C	●●	N/C
SPI CS3	●●	PWM OUT
3.6V OUT	●●	DAC2
OV	●●	DAC1
SPI-MOSI	●●	SPI-SLCK
SPI-CS2	●●	SPI-MISO
I ² C-SDA	●●	I ² C-SCL
ALM2	●●	ALM1
V+	●●	OV
IN2	●●	IN1

Not fitted on all display models

PanelPilot^M



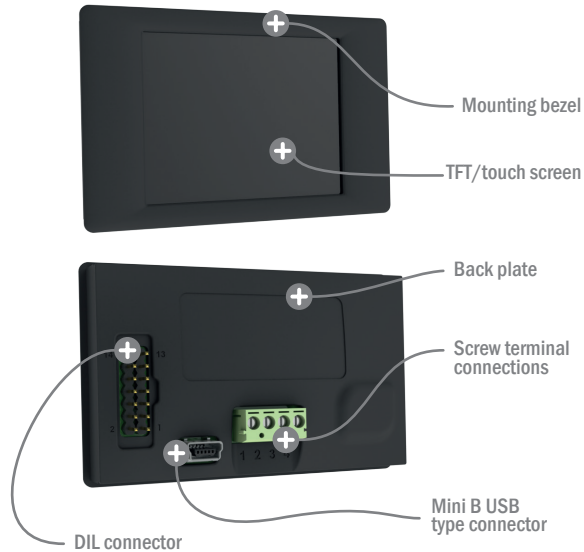
Further Information

Visit www.lascarelectronics.com/panelpilot for further information on the PanelPilot platform and to download a datasheet for your particular display. This will include specific information about pin configurations, wiring instructions and mounting method.

Quickstart Guide

Getting to know your display

All PanelPilot compatible displays share the following features:



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)