



REMOTE MONITORING SPECIALISTS

# INSTALLATION GUIDE

## USB to Mini jack Programming Cable

### Model C1178A

The Omniflex USB Mini-Jack Programming cable is designed to be used to configure all OMNIFLEX products equipped with a “mini-jack” programming socket using a standard serial port of a PC.

Using the Omniset Configuration Software, the correct template file for the product to be configured, and this programming cable, any OMNIFLEX product equipped with a “mini-jack” programming socket may be

configured quickly and easily, even while installed on the plant,

Full isolation in the cable ensures that any stray voltages present in the plant do not get to your computer keeping it safe from transients and ground loops.

For hard to reach places, use with a standard 3.5mm miniature stereo jack extension cable

### Features

- Standard USB Port Connection
- Use with many Omniflex Products
- Fully Isolated for in-plant use
- Compatible with Omniset and Omniset Pro Configuration Tools

### Box Contents

- 1 x C1178A USB C Mini jack Programming adaptor
- 1 x Male USB Type A to Male USB-C Cable
- Installation Guide (this document)

Thank you for choosing our product.

### Supported Product Ranges include:

- Omniterm Range
- Omni Series Alarm Annunciators

### Getting Started

You will need to install Omniset or Omniset Pro in order to program or configure your Omniflex product.

- Omniset is freely available for download at: <https://www.omniflex.com/products/CC001B> after a simple registration step.
- Omniset Pro can be purchased from Omniflex directly or via your Omniflex agent. A trial version is also available on the website.

Omniset and Omniset Pro support Windows 7, 8, 10 and 11.



Unpack the box contents and connect the USB-C cable to the USB-C socket of the Mini jack adaptor. Insert the USB Type A plug into your laptop or PC. Windows should automatically detect the cable and install the necessary drivers. Should this not take place, the drivers can be downloaded from <https://ftdichip.com/drivers/vcp-drivers/>

Once the driver is installed, the system should detect the cable and assign a COM port which can be confirmed using the Windows Device Manager. This COM port can then be selected from within Omniset or Omniset Pro.

Install Omniset or Omniset Pro to program or configure your Omniflex product. Both Omniset and Omniset Pro support Windows 7, 8, 10 and 11.

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- Omniset Pro can be purchased from Omniflex directly or via your Omniflex agent. A trial version is also available on the website.

If you need any further assistance with the use of the Omniset software or product information please consult the Knowledge base available at [www.omniflex.com](http://www.omniflex.com).

Our support team can be reached on [techsupport@omniflex.com](mailto:techsupport@omniflex.com) if you require any assistance.

## Specifications

### Mechanical

#### Connectors

##### Omniflex Mini jack Adaptor

Socket End	USB C Female
OMNIFLEX Product End	3.5mm miniature stereo plug

#### USB Cable

Computer End	USB A
Plug End	USB C Male
Cable Length	1.2m minimum

### Electrical

Data Rate	Tested to 38 400 baud
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### Environmental Conditions

Operating Temperature	-10°C – 40 °C (+14°F – 140°F)	Storage Temperature	-25°C – 85 °C (-13°F – 185°F)
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### Compliance with Standard

Safety	EN 60950:1995	Immunity – RF Fields	IEC 61000-4-3:1995, level 3
Emissions	EN 55011 EN50081-2:1994 Group I, Class A EN50082-2	Insulation	Basic Insulation between isolated circuits per IEC950
Immunity – ESD	IEC 61000-4-2:1995, level 3	Isolation Voltage	Input/Output Isolated to 500Vac

## Ordering Information

ORDER CODE	DESCRIPTION
C1178A	Omniflex USB Mini-Jack Programming Cable