Pro Editor Converter Cable

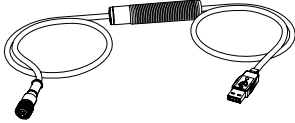**BANNER** ®
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Datasheet

For use with Banner Pro Editor software and Banner Pro Series-enabled devices

- Connects Pro Series-enabled devices to the PC-based Pro Editor software
- Can be used with mating accessory ACC-PRO-CABLE5 for connection to devices with an integral cable or terminal connection
- Banner's Pro Editor software is free to download and available from the product page of any Pro Series-enabled device or at *www.bannerengineering.com/proeditor*
- Full preview capabilities are available with the use of power supply PSW-24-1 and splitter CSB-M1251FM1251M

Note: When connected to a Microsoft Windows 10 device for the first time, the Pro Converter Cable automatically installs the correct Microsoft driver.[1] When connected to a Microsoft Windows 7 device for the first time, the Pro Converter Cable drivers must be installed manually. For more information, see *www.bannerengineering.com/proeditor* and search p/n *206058* to view the Pro Editor software instruction manual.

Model	Adapter	Length	Connections
MQDC-506-USB	Pro Editor Software	1.83 m (6 ft)	USB and 5-pin M12/Euro-style quick disconnect

Pro Editor Software

Banner's Pro Editor software offers an easy way to configure Pro Series-enabled touch and indicator devices, allowing users full control of device states and device logic modes.

Use the Pro Converter Cable to connect Pro Series-enabled devices to read, write, and preview device states.

For more information, see *www.bannerengineering.com/proeditor* and search p/n *206058* to view the Pro Editor software instruction manual.
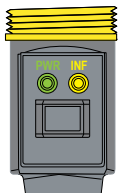
Features

Figure 1. Pro Converter Cable LED Indicators

PWR (Cable Power Indicator)

LED Behavior	Condition
Off	No power
Slow flashing green (0.5 Hz)	Normal mode

INF (Device Information Indicator)

LED Behavior	Condition
Off	Device power off
Solid amber	Device power on
Fast flashing red (10 Hz)	Device power fault

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[1] Microsoft® and Windows® are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Full Preview Capabilities Setup (Recommended)
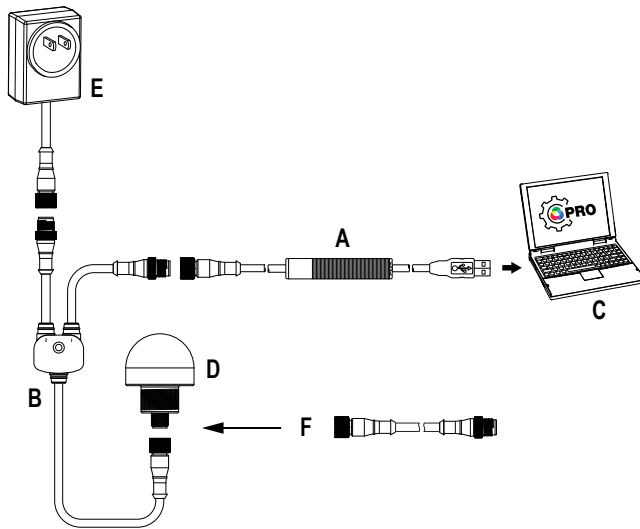
Key

A = Pro Converter Cable (MQDC-506-USB)
B = Splitter (CSB-M1251FM1251M)
C = PC running Pro Editor software
D = Any Banner Pro Series-enabled device (K50 shown)
E = Power Supply (PSW-24-1)
F = 8-Pin to 5-Pin Double-Ended Cordset
(MQDC-801-5M-PRO), required for 8-Pin models

Install the Pro Converter Cable Driver (Windows 7)

When connected to a PC running Microsoft Windows 7 for the first time, the Pro Converter Cable drivers must be installed manually. To manually install the Pro Converter Cable driver on a Windows 7 device, follow these steps.

> **Note:** After connecting the Pro Converter Cable to a PC running Microsoft Windows 7 the following message may appear: "Device driver software not successfully installed".

1. Download the latest driver file from *www.bannerengineering.com/proeditor*.
2. Open **Control Panel**.
3. Open **Device Manager** (in the System and Security category). The Pro Converter Cable is listed as **Communications Translator** under **Other Devices** with an exclamation mark icon next to it indicating that the device driver has not been successfully installed.
4. Right-click on **Communications Translator** and select **Update Driver Software...**.
5. Click **Browse my computer for driver software**.
6. Click **Let me pick from a list of device drivers on my computer**.
7. Make sure that **Show All Devices** is selected and click **Next**.
8. Click **Have Disk...**.
9. Click **Browse...** and select the driver file. For example, banner0x00D2_cdc.inf.
10. Click **OK**.
11. A warning displays that the driver is unsigned. Click **Yes**.

The Pro Converter Cable is listed as a COM Port under Ports in **Device Manager**.

Specifications and Requirements

Pro Converter Cable Specifications		Pro Editor Software PC Requirements	
Input Voltage 5 V dc from USB Type A connector **Output Voltage** 20 V dc **Banner Compatible Devices** View compatible devices at *www.bannerengineering.com/proeditor* **Certifications** CE	**Indicators** 2 LED indicators: Green Flashing: Power on Amber Solid: Device on Red Flashing: Device power fault **Communications** 5-pin M12/Euro-style quick disconnect connector compatible with Banner Pro Series-enabled devices	**Operating System** Microsoft ® Windows ® operating system versions 7 or 10 **Hard Drive Space** 20 MB **USB** Available USB port	**Screen Resolution** 1366 × 768 full color minimum **Third-Party Software** .NET version 4.5.2 or higher

> **Important:** Administrative rights are required to install the Pro Editor software.
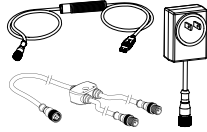
Accessories

Pro Editor Hardware

PRO-KIT

Includes:
- Pro Converter Cable (MQDC-506-USB)
- Splitter (CSB-M1251FM1251M)
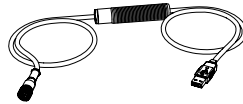- Power Supply (PSW-24-1)

PRO-KIT-K50

Includes:
- Pro Series-enabled K50 (K50L2RGB7Q)
- Pro Converter Cable (MQDC-506-USB)
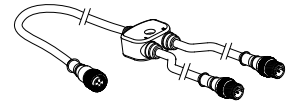- Splitter (CSB-M1251FM1251M)
- Power Supply (PSW-24-1)

MQDC-506-USB
- Pro Converter Cable
- 1.83 m (6 ft) M12/Euro-style quick disconnect to Device and USB to PC
- Required for connection to Pro Editor

CSB-M1251FM1251M
- 5-pin parallel Y splitter (Male-Male-Female)
- For full Pro Editor preview capability
- Requires external power supply, sold separately

PSW-24-1
- 24 V dc, 1 A power supply
- 2 m (6.5 ft) PVC cable with M12/Euro-style quick disconnect
- Provides external power with splitter cable, sold separately

ACC-PRO-CABLE5
- Mating accessory for cabled and terminal models
- 150 mm (6 inch) PVC cable with M12/Euro-style quick disconnect
- Lever wire nuts included (qty 5)
- Required to connect cabled models to Pro Converter Cable, sold separately
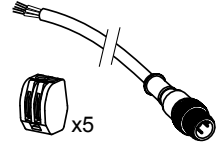
MQDC-801-5M-PRO
- 8-pin to 5-pin double-ended cordset
- 0.31 m (1 ft) PVC cable with M12/Euro-style quick disconnects
- Required to connect 8-pin Pro Series-enabled devices to Pro Converter Cable (MQDC-506-USB), sold separately

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For patent information, see www.bannerengineering.com/patents.

FCC Part 15 and CAN ICES-3 (B)/NMB-3(B)

This device complies with part 15 of the FCC Rules and CAN ICES-3 (B)/NMB-3(B). Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules and CAN ICES-3 (B)/NMB-3(B). These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the manufacturer.