Quick Start Guide

USB/SPI Parameter Setup Cable (CBL055-501) for DSM S-Series

IMPORTANT NOTE!

See MN1940 DSM S-Series Installation Manual, which provides detailed information about the DSM product range and accessories. The installation manual is available in PDF format on the supplied CD or on www.baldormotion.com.

1. Obtain the driver files
   a. The drivers for the parameter setup cable are provided on the supplied CD. They may also be downloaded from www.baldormotion.com/support/supportme.
   b. Insert the CD.
      For downloaded files, extract the files to a temporary folder.

2. Connect the cable
   a. Connect the USB adaptor cable to the parameter setup cable’s interface.
   b. Connect the other end of the USB adaptor cable to a USB port on the PC.

The Found New Hardware Wizard will appear.
3 Found New Hardware Wizard (USB driver)

a. Choose the **No, not this time** option and click **Next >**.
b. Choose the **Install from a list or specific location (Advanced)** option and click **Next >**.
c. Check the **Include this location in the search** option. Click **Browse** and locate the drivers folder on the CD. For downloaded files, locate the temporary folder containing the extracted files. Click **Next >**.
d. When Windows finds the required driver files, a dialog will warn that they have not passed Windows Logo testing. This is normal for the parameter setup cable’s USB driver, so click **Continue Anyway** to continue with the installation.
e. When the **Completing the Found New Hardware Wizard** message appears, click **Finish**.

After a few moments, the Found New Hardware Wizard will appear a second time, ready to install the virtual COM port driver.

4 Found New Hardware Wizard (Virtual COM port driver)

As soon as the USB driver has been installed in step 3, the PC starts to communicate with the parameter setup cable’s interface. This immediately reveals the other part of the interface’s hardware, the virtual communications port (VCP), which provides communication with the DSM motor. The VCP also requires drivers to be installed, which is why the Found New Hardware Wizard appears a second time.

a. Choose the **No, not this time** option and click **Next >**.
b. Choose the **Install from a list or specific location (Advanced)** option and click **Next >**.
c. Check the **Include this location in the search** option. The previously used location should already be selected, but if not click **Browse** and locate the required folder. Click **Next >**.
d. When Windows finds the required VCP driver files, a dialog will warn that they have not passed Windows Logo testing. This is normal for the parameter setup cable’s VCP driver, so click **Continue Anyway** to continue with the installation.
e. When the **Completing the Found New Hardware Wizard** message appears, click **Finish**.

A final Found New Hardware message will appear to inform you that the hardware is now ready to use.

5 Determine the virtual COM port number

The parameter setup cable’s virtual COM port appears as a normal COM (serial) port in Windows, and is automatically allocated a COM port number. It will be necessary to select this COM port on the Port, USB/Serial menu of the Baldor SPI Interface software to allow communication with the DSM motor.

a. In Windows, right-click the My Computer icon and choose Properties.
b. Choose the Hardware tab and click **Device Manager**.
c. Expand the **Ports (COM & LPT)** item.
d. Look for the entry named **Baldor USB to SPI Parameter Setup Cable (COM...)**. The value that appears after **COM** is the port number. Make a note of this number.