

Caution Before installing your device, read all product documentation to ensure compliance with safety, EMC, and environmental regulations.

Attention Avant d'installer votre périphérique, lisez toute la documentation se rapportant au produit pour vous assurer du respect des règles concernant la sécurité, la CEM et l'environnement.

Achtung Lesen Sie vor dem Einbauen des Geräts die Produktdokumentation, um sich über alle einzuhaltenden Sicherheitsvorschriften, EMV-Vorschriften und Umweltrichtlinien zu informieren.

注意 デバイスを取り付ける前に、すべての製品ドキュメントをお読みになり、安全、EMC、環境規制を遵守してください。

주의 디바이스를 설치하기 전에 모든 제품 관련 문서를 읽고 안전, EMC, 환경 규정을 준수하는지 확인하십시오.

警告 安装设备之前，请阅读所有产品文档，确保符合安全、EMC以及环境法规。

ni.com/mydaq

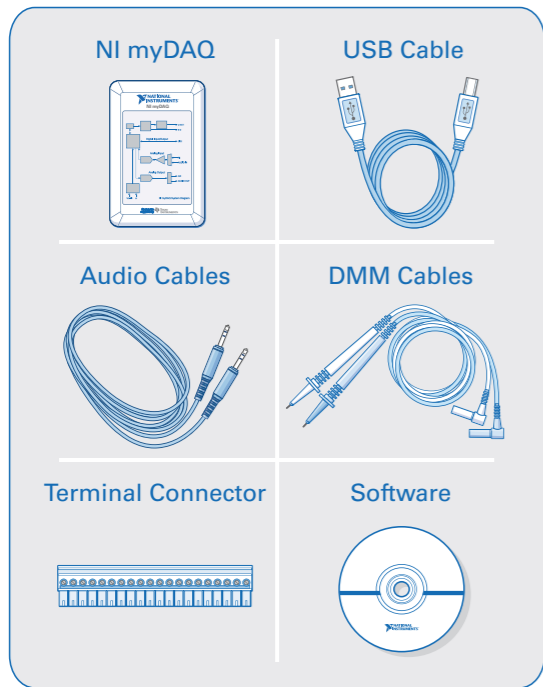
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NI myDAQ

- ▶ Quick Start
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Useful Links | Liens utiles | Nützliche Links
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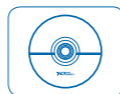
Getting Started/Support

ni.com/mydaq/support



Projects and Example Code

ni.com/mydaqzone



Software

ni.com/downloads



NI myDAQ User Manual

ni.com/info#mydaqug



Specifications

ni.com/info#mydaqspecs

DEVICE CONNECTIONS

Screw Terminal Connections

- +15V: Power supply (32 mA max output current¹)
- -15V: Power supply (32 mA max output current¹)
- AGND: Ground for ± 15 V power supplies, AO, and AI
- AO: Analog output (± 10 V, 200 kSamples/second max update rate, 2 mA max output current per line¹)
- AGND: Ground for ± 15 V power supplies, AO, and AI
- AI: Analog input (± 10 V, 200 kSamples/second max sample rate)
- DIO: 5 V compatible LVTTTL input, 3.3 V LVTTTL output (4 mA max output current per line¹)
- DGND: Ground for DIO and 5 V power supply
- +5V: Power supply (4.0 to 5.2 V, 100 mA max output current¹)

Interface Connections

- USB: Type A to B, direct connect or powered hub only

DMM Connections

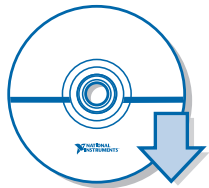
- HI [V, Ω , \rightarrow]: Voltage, resistance, and diode measurement positive input terminal (60 VDC, 20 Vrms max input voltage)
- COM: Common reference for all DMM measurements
- HI [A]: Current measurement positive input terminal (1 A max input current)

Audio Connections

- AUDIO IN: 3.5 mm stereo jack (± 2 V LINE IN or microphone)
- AUDIO OUT: 3.5 mm stereo jack (± 2 V LINE OUT)

¹Total power is limited to 500 mW (typical)/100 mW (minimum) for all outputs and supplies. Refer to the *NI myDAQ User Guide and Specifications* for how to calculate total power.

1



Or


ni.com/downloads

Install software off the media or from ni.com/downloads. (Application development software, such as LabVIEW, then NI ELVISmx driver software.)

Installez les logiciels à partir du média ou de ni.com. (Logiciels de développement d'application, tels que LabVIEW, puis le driver NI ELVISmx.)

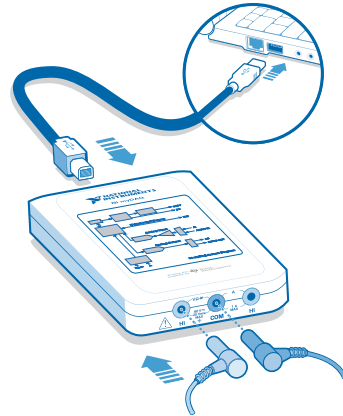
Installieren Sie die Software mithilfe des Datenträgers oder von ni.com/downloads (erst die Entwicklungsumgebung, z. B. LabVIEW, und dann den NI-ELVISmx-Treiber).

ソフトウェアをメディアまたはni.com/downloadsからインストールします (LabVIEWなどのアプリケーション開発ソフトウェア、その後NI ELVISmxドライバソフトウェア)。

설치미디어를 사용하여 소프트웨어를 설치합니다. (LabVIEW와 같은 어플리케이션 개발 소프트웨어 설치 후, NI ELVISmx 드라이버 소프트웨어 설치.)

从光盘安装，或从ni.com/downloads下载安装程序进行安装。(先安装LabVIEW等应用程序开发软件，然后安装NI ELVISmx驱动程序。)

2



Connect the NI myDAQ to your computer using the enclosed USB cable. Connect the DMM cables to the NI myDAQ.

Connectez le périphérique NI myDAQ à l'ordinateur à l'aide du câble USB fourni. Connectez les câbles DMM au NI myDAQ.

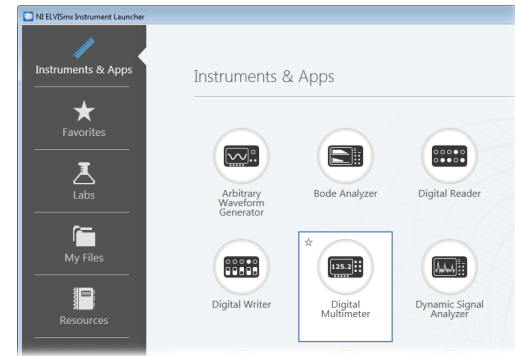
Schließen Sie das NI myDAQ mit dem mitgelieferten USB-Kabel an den Computer an. Verbinden Sie die DMM-Kabel mit dem NI myDAQ.

保護カバー付きUSBケーブルを使用して、NI myDAQをコンピュータに接続します。DMMケーブルをNI myDAQに接続します。

키트의 USB 케이블을 사용하여 NI myDAQ을 컴퓨터에 연결합니다. DMM 케이블을 NI myDAQ에 연결합니다.

使用封闭式USB线缆连接NI myDAQ至计算机。连接DMM线缆至NI myDAQ。

3



Select **Start»All Programs»National Instruments»NI ELVISmx for NI ELVIS & NI myDAQ»NI ELVISmx Instrument Launcher**. Click **Digital Multimeter**.

Sélectionnez **Démarrer»Tous les programmes»National Instruments»NI ELVISmx for NI ELVIS & NI myDAQ»NI ELVISmx Instrument Launcher**. Cliquez sur **Digital Multimeter**.

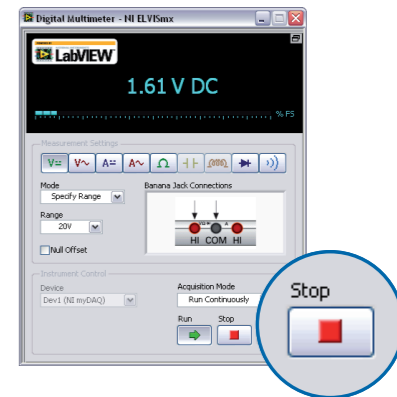
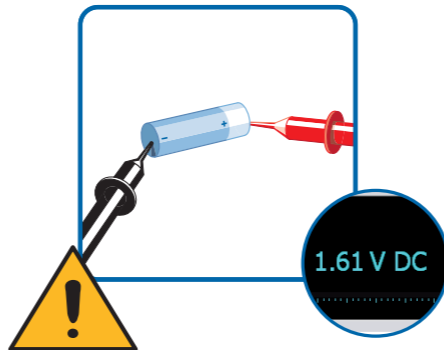
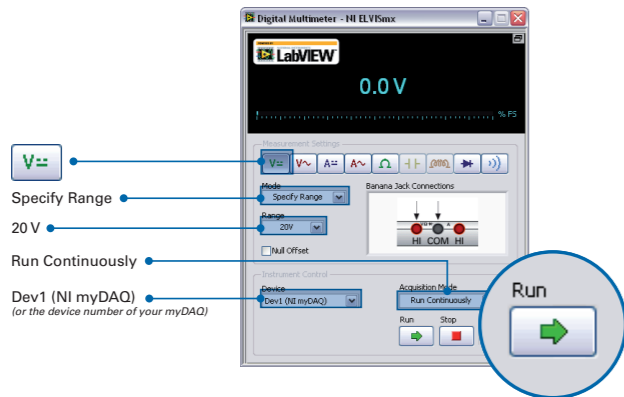
Klicken Sie auf **Start»Alle Programme»National Instruments»NI ELVISmx for NI ELVIS & NI myDAQ»NI ELVISmx Instrument Launcher**. Klicken Sie auf **Digital Multimeter**.

スタート»すべてのプログラム»National Instruments»NI ELVISmx for NI ELVIS & NI myDAQ»NI ELVISmx Instrument Launcherを選択します。**Digital Multimeter**をクリックします。

시작»모든 프로그램National Instruments»NI ELVISmx for NI ELVIS & NI myDAQ»NI ELVISmx Instrument Launcher를 선택합니다. **Digital Multimeter**을 클릭합니다.

选择开始»所有程序»National Instruments»NI ELVISmx for NI ELVIS & NI myDAQ»NI ELVISmx Instrument Launcher，单击**Digital Multimeter**打开界面。

4



Configure the Measurement Settings of the DMM soft front panel instrument and click **Run**. Measure the voltage of a known voltage source (such as a AA battery). **60 VDC/20 Vrms max**. DO NOT plug DMM cables into circuits with Hazardous Voltage, such as wall outlets. Click **Stop** when finished.

Configurez les paramètres de mesure de la face-avant logicielle de l'instrument DMM puis cliquez sur le bouton **Run**. Mesurez la tension d'une source de tension connue (telle qu'une pile AA). **60 VDC/20 Veff max**. NE PAS brancher de câbles DMM à des circuits à tension dangereuse, tels que des prises murales. Cliquez sur le bouton **Stop** lorsque vous avez terminé.

Nehmen Sie auf dem Soft-Frontpanel des Multimeters die gewünschten Einstellungen vor und klicken Sie auf **Run**. Messen Sie die Spannung einer bekannten Spannungsquelle, z. B. einer AA-Batterie (**max. 60 VDC/20 Ueff**). Die DMM-Messfühler dürfen auf keinen Fall mit gefährlichen Spannungen (z. B. Netzspannungen) in Kontakt kommen. Klicken Sie auf **Stop**, wenn Sie fertig sind.

DMMソフトフロントパネル計測器の測定設定を構成し、**Run**をクリックします。**最大60 VDC/20 Vrms**の既知の電圧ソース（単三電池など）の電圧を測定します。DMMケーブルを危険電圧が印加された回路（壁のコンセントなど）に接続しないでください。終了したら**Stop**をクリックします。

DMM 소프트웨어 프론트 패널 인스트루먼트의 Measurement Settings를 설정하고 **Run**을 클릭합니다. AA 배터리와 같이 값을 이미 알고 있는 전압 소스의 전압을 측정합니다. **최대 한도는 60 VDC/20 Vrms**입니다. DMM 케이블을 벽 콘센트와 같이 위험 전압이 발생할 수 있는 회로에 연결하지 마십시오. 측정을 마치면 **Stop**을 클릭합니다.

配置DMM软面板仪器的测量设置并单击**Run**，测量已知电压源（例如，AA电池）的电压。**最大测量值为60 VDC/20 Vrms**。请勿连接DMM线缆至危险电压电路（例如，壁装插座）。测量完成后单击**Stop**。