



Quick Start Get set up and start recording



This guide will help you to quickly set up the PhysioTel CONNECT Device Enabler. LabChart Device Enablers add specialist functionality to LabChart by providing interfaces to third-party hardware.

This document was, as far as possible, accurate at the time of release. However, changes may have been made to the software and hardware it describes since then. ADInstruments Pty Ltd reserves the right to alter specifications as required. Latebreaking information may be supplied separately.

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Installation

Install Software

1 Ensure that LabChart for Windows 8.1.5 or later is installed, prior to installing PhysioTel CONNECT Device Enabler.

LabChart can be downloaded through the ADInstruments website: adinstruments.com/products/labchart

- 2 Put the provided installer CD into your computer's CD drive. Alternatively, download the latest installer package from <u>adinstruments.com</u>
- 3 The installer should run automatically if installing via CD, otherwise start it by double clicking the installer from Windows Explorer.

Check Hardware

- 1 Connect one of the ports of PoE (Power over Ethernet) Switch to the host computer via Ethernet cable. The corresponding LED of the port lights if the connected computer is turned on.
- 2 Connect the rest of the required hardware such as the MX2 (Matrix 2.0), router, receivers etc., for example, as outlined by the following diagram. Ensure that PoE devices are plugged into PoE specified ports on your switch.



Usage

Enter Device Enabler License

- 1 Start LabChart.
- 2 You will be asked for the device enabler license code use the device enabler license provided on this CD case.

MX2 Configuration

1 You will be then asked to create a valid configuration for the connected MX2.

MX2 Configuration		\times	
You must create a valid configuration for MX2 to continue. Would you like to do that now?			
	Yes No		

2 Select a MX2 from the Available panel and either click drag the MX2 into the Selected panel.

<- Add or click-and-

MX2 Hardware Configuration 1.7.16124.1, Copy	right © Data Sciences International 1996-2016
Configuration Inventory	😡
✓ MX2 Configuration ⊕ 800033	Selectid C Add Remove -> Select MV2(s) from list on right to add implants. Select MV2(s) from list on right to add implants.
	Save & Exit Cancel

3 Once the MX2 is selected, click on the selected MX2 under the Configuration tab. Create new or add existing PhysioTel implants and edit their details as required.

Configuration Inventory	Implant Details					0
Configuration Inventory A MC Configuration A MC Con	Name: Implant Model: Serial Number: Enabled: HD Search Status: Battery Status:	Mouse 1 F50-EEE 9404 ✓		>	Receiver(s) Associated with Implant	
	Signal Type Ch1 ECG Ch2 EEG Ch3 EEG Ch4 Activity Ch5 Signal Strength Create New Implant	Enable Sample v V 500 v V 500 v V 500 v V 500 v V 500 v 10 10 10 10 10 10 10 10 10 10	e v) w MV scale 90 w MV scale 92 w MV scale 99 w	Calibration	75	
					Save & Exit	Cancel

- 4 Enter the implant serial number and corresponding calibration values printed on the implant label located on the back of the implant packaging. Note that Hybrid Digital (HD) implants may use the Search for HD Implant feature to automatically enter serial number and calibration values after first associating a relevant receiver.
- 5 Associate relevant receivers to the implants. Click the Save & Exit button.

Usage

APR Configuration (Option)

1 After saving a MX2 configuration, LabChart will automatically determine if there were any pressure implants present in your MX2 configuration, and if so will prompt you to configure the APR (Ambient Pressure Reference). Click the Yes button.



2 Select the identified APR on the network and click or click-and-drag the selected APR from the 'APR found on network' into the 'APR currently on system' panel. Click the Save button.

APR Configuration	×	🔛 APR Configuration	×.
APR currently on system	APR found on network	APR currently on system	APR found on network
	SN: 4153 IP: 192.168.1.3	SN: 4153 IP: 192.168.1.3	
	< Add		< Add
	Remove >		Remove >
	Search Save		Search Save

Data Recording

1 At this point, the MX2 and the implant channels should be available in LabChart under the Setup - Devices and Channels dialog.

Devices and Channels		×
Set Master Rename Device		Number of channels: 13 🔄 🔤
Set.Master Rename:Device	Channels 1-13	Number of channels: 13 Clear All Channel Input Input ✓ EEG 1 F50-EEE (9404) EEG 1 F50-EEE (9404) (MX2) ▼ ✓ EEG 2 F50-EEE (9404) EEG 2 F50-EEE (9404) (MX2) ▼ ✓ EEG 3 F50-EEE (9404) EEG 3 F50-EEE (9404) (MX2) ▼ ✓ Activity F50-EEE (9404) Activity F50-EEE (9404) (MX2) ▼ ✓ Activity F50-EEE (9404) Activity F50-EEE (9404) (MX2) ▼ ✓ Signal Strength F50-EEE. Signal Strength F50-EEE (9404) (MX ▼ ✓ Pressure HD-S11-F2 (80322.8) (MX2) ▼ ▼ ✓ ECG HD-S11-F2 (80322.8) (MX2) ▼ ▼ ✓ Temperature HD-S11 Temperature HD-S11-F2 (80322.8) (MX2) ▼ ✓ HD BattVoltage HD-S11 Temperature HD-S11-F2 (80322.8) (MX2) ▼ ✓ On Time HD-S11-F2 (8 On Time HD-S11-F2 (80322.8) (MX2) ▼ ✓ Activity HD-S11-F2 (8 Activity HD-S11-F2 (80322.8) (MX2) ▼ ✓ Activity HD-S11-F2 (80 Activity HD-S11-F2 (80322.8) (MX2) ▼ ✓
		Image: With the second secon
Add New Devices		OK Cancel

2 Select desired implant channels for recording.

Support

Contact ADInstruments with any support inquiries, either through your sales representative or adinstruments.com.



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