DMX-USB

USER MANUAL

Getting to know your DMX USB

The DMX USB is a hardware interface which can convert between a computer, by plugging it into a Universal Serial Bus (USB) and various types of lighting equipment, via the industry standard DMX512 protocol. The accompanying Driver software allows the computer to control and configure the DMX USB.

DMX USB Features

- Full 512 channels universe of input or output
- Working with any software support OpenDMX to manage all your DMX512 devices

Technical Specifications

- Input Control :   PC Universal Serial Bus V.1.1 or V.2.0
- DMX Channels :   512 Channels
- DMX Type :   DMX In or DMX Out
- DMX Connector :   Single XLR 3pin Female for DMX In/Out
- Protection :   Transient and Surge Voltage for DMX In/Out
- Power :   5V USB Bus Powered
- Working temperature : 0 ℃ - 70 ℃
- Dimensions :   32 x 55 x 37 mm.
- Weight :   150 gram for DMX USB Interface box

System Requirements

- 1 x Free USB 1.1 or USB 2.0 Port
- Pentium III 1GHz or better
- Windows 2000, Windows XP, Windows Vista, Windows 7

Compliant Software for DMX USB

Free Software

- Abuelites
- DMXDesk – DMX Live Desk V10
- DMXStudio64
- FreeStyler
- Manolator's DMX512
- MasterPeace
- P-Polites ..... And all other softwares

Non Free Software

- ENTTEC LightFactory
- Illumination 110
- MADRIX DMX512
- Magic Q

DMX USB Layout

1. Power Status

- Indicates power status

2. DMX Signal Status

- Indicates DMX signal status

3. XLR 3pin Female Connector

- DMX Input Mode Connects to DMX512 lighting controller
- DMX Output Mode Connects to your DMX512 network of fixtures, dimmers, etc.

4. USB Connector

- Universal Serial Bus data connector for connector to computer

Driver Installation Guide

Connect the DMX-USBdevice to a spare USB port on your PC. The Microsoft composite device driver is automatically loaded in the background. Once the composite driver has been installed Windows Found New Hardware Wizard will launch. The screen shown in Figure is displayed. Select "No, not this time" from the options available and then click "Next" to proceed with the installation. Finds for the device in preference to the driver manually selected.
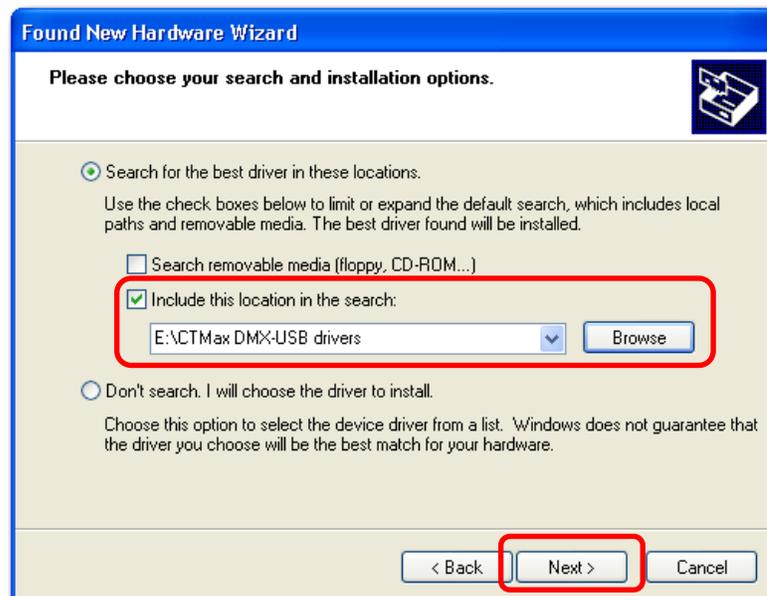

Figure

Select "Install from a list or specific location (Advanced)" as shown in Figure below and then click "Next".

Select "Search for the best driver in these locations" and enter the file path in the combo-box
("CD-ROM:\Drivers" in Figure below) or browse to it by clicking the browse button. Once the file path has been entered in the box, click next to proceed.
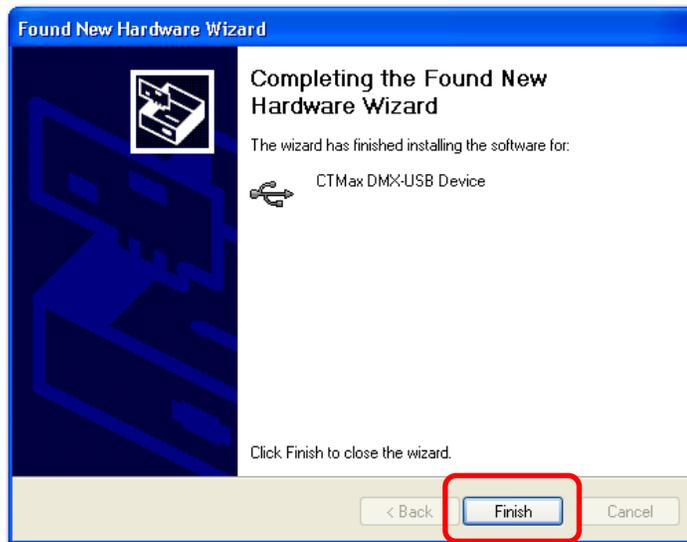
If Windows XP is configured to warn when unsigned (non-WHQL certified) drivers are about to be installed, the message dialogue shown in Figure will be displayed unless installing a Microsoft WHQL certified driver. Click on "Continue Anyway" to continue with the installation. If Windows XP is configured to ignore file signature warnings, no message will appear
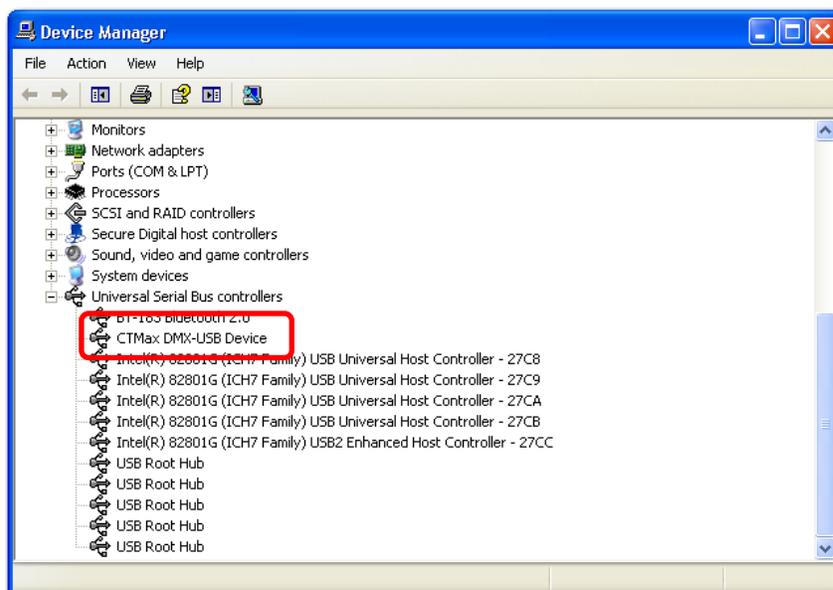
.

The screen shown in Figure below will be displayed as Windows XP copies the required driver files

Windows should then display a message indicating that the installation was successful. Click "Finish" to complete the installation for the first port of the device.

Open the Device Manager (located in "Control Panel\System" then select the "Hardware" tab and click "Device Manger") and select "View > Devices by Connection", the device appears as a "CTMax DMX-USB Device" and ready to used.
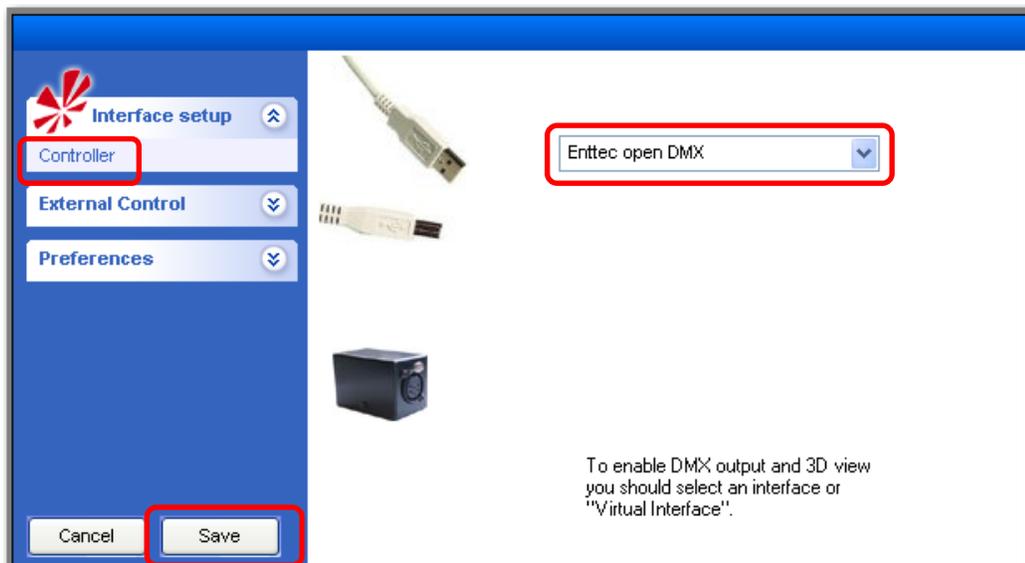
Working DMX-USB with FreeStyler 512

1. Open Software FreeStyler

2. Select Menu SETUP -> FreeStyler Setup

3. Select "Controller" form "Interface setup" then select Device to "Enttec open DMX" and "Save" Button

4. Signal LED on DMX-USB Box are blink and ready to used with FreeStyler 512

Working DMX-USB with **DMX Studio 64**

1. Installation and Open Software DMX Studio 64
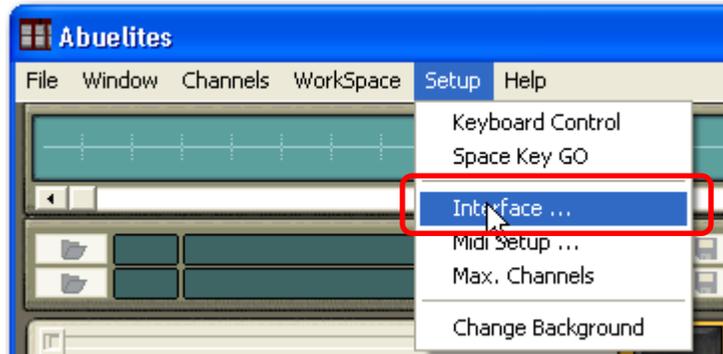
2. Select Menu "SETUP" -> "USB Open DMX"

3. After select "USB Open DMX" the Microsoft Windows to show Message Box. Click "OK" to complete Interface setup.

4. Signal LED on DMX-USB Box are blink and ready to used with DMX Studio 64. software

Working DMX-USB with Abuelites

1. Installation and Open Software Abuelites
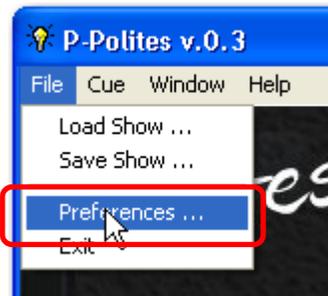
2. Select Menu "Setup" -> "Interface …"

3. Select "Enttec Open DMX USB" then click "OK"

4. Signal LED on DMX-USB Box are blink and ready to used with Abuelites software

Working DMX-USB with P-Polites

1. Installation and Open Software Abuelites

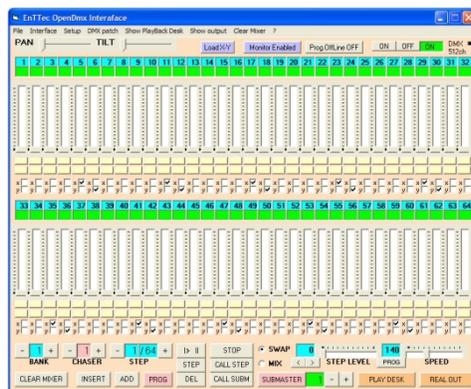2. Select Menu "File" -> "Preferences …"

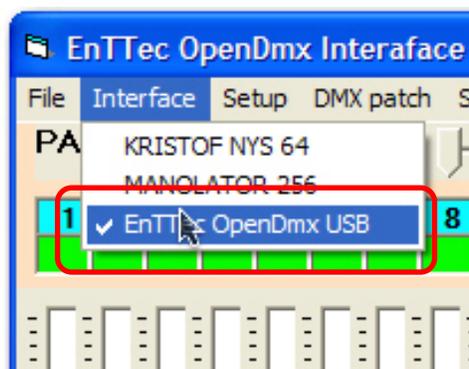3. Select "Enttec DMX USB" then click "OK"

4. Signal LED on DMX-USB Box are blink and ready to used with
   P-Polites software.

Working DMX-USB with Manolator's DMX512

1. Installation Software Manolator's DMX512

2. Add Driver file from "CD-ROM:\Software\Manolator\DMX Driver.zip"
   By software "Winzip" or "WinRAR" to Installation Folder in location on
   "C:\Program Files\Manolator's DMX512 Software\"

3. Open software Manolator's DMX512

4. Slide mouse pointer to Windows taskbar and select Mixer panel.

5. Select menu "Interface" -> "EnTTec OpenDMX USB"
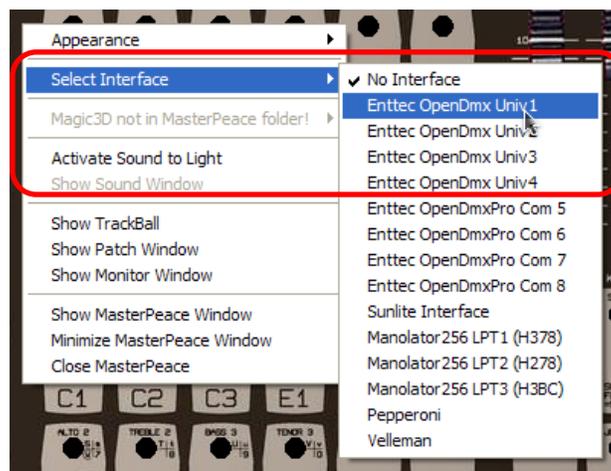

6. Close program Manolator's DMX512 and open it again.

7. Signal LED on DMX-USB Box are blink and ready to used with
   Manolator's DMX512 software.

Working DMX-USB with MasterPeace

1. Installation and Open Software MasterPeace

2. Slide mouse pointer to MasterPeace software panel then right click on mouse. MasterPeace to show pop up menu.

3. Select menu "Select Interface" -> "Enttec OpenDmx Univ1" or Univ2 , 3 or 4 if have more than single interface box.

4. Signal LED on DMX-USB Box are blink and ready to used with MasterPeace software.