COREMIDI

DYSLEXIA SOFTWARE APPS

For all OSX and iOS (iPhone & iPad) APPs using coreMIDI, compatible with CoreMIDI wireless and hardware MIDI interfaces

SETUP MANUAL
v2

CONTENTS

COREMIDI, WHAT IS IT

Core MIDI / CoreMIDI / coreMIDI / core MIDI

Is a set of APPLE OSX and iOS software drivers.

The Core MIDI framework allows communicating with MIDI (Musical Instrument Digital Interface) devices, including hardware keyboards and synthesizers.

You could read about MIDI Protocol on the official midi.org website.

DYSLEXIA SOFTWARE LTD
writing MIDI software since MIDI began

OSX

Mac

Connect from an OSX computer using any compatible MIDI interfaces.

DYSLEXIA SOFTWARE APPs can use CoreMIDI for MIDI messages on devices running OSX 10.8 or higher.

IOS

iPhone / iPad / iTouch

Connect from an iOS device using the dock connector or a network.

DYSLEXIA SOFTWARE APPs can use CoreMIDI for MIDI messages on devices running iOS 4.2 or higher.

DYSLEXIA SOFTWARE APPs require 5.1 or above, this is due to the need to be able to maintain the software at a reasonable cost.

HARDWARE INTERFACES

Hardware interfaces

DYSLEXIA SOFTWARE APPs work with CoreMIDI and compatible MIDI interfaces. Various hardware interfaces have been tested, all CoreMidi compatible interfaces should work, here is the list of confirmed devices:

IOS:

- [iRig MIDI](#)
- [iRig KEYS](#)
- [LINE 6 MIDI Mobilizer™ II](#)
- [YAMAHA i-MX1](#)
- [SAMSON M25 (+ CCK)](#)

    NOTE:

    [USB camera connector kit](#)(CCK)

    if you get "This is not supported" as soon as you plug in the CCK" it indicates the CCK is not seated properly or that the CCK is faulty

OSX TESTED:

- [MIDIMan USB Sport](#)
- [MOTU MIDI Express XT](#)
- Nord USB Keyboards

NOT TESTED:

- [iConnectivity](#)

Just plug in and play

Make sure the **DYSLEXIA SOFTWARE APP** has WiFi off (always a button on the front panel).

If you have connected the MIDI cables you should be running.
The most common mistake is having the **IN** and **OUT** the wrong way around (no harm done) just swop **IN** and **OUT** on the device.

WIRELESS NETWORK

DYSLEXIA SOFTWARE APPs that use CoreMIDI have a WiFI button to enable connecting to a Wireless Network (it is normally the default first time the APP is run.

When enabled the APP will listen to any MIDI that is sent to the Network.

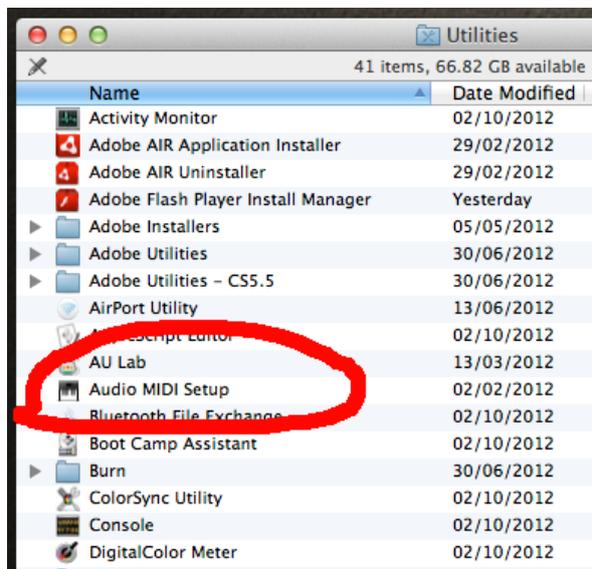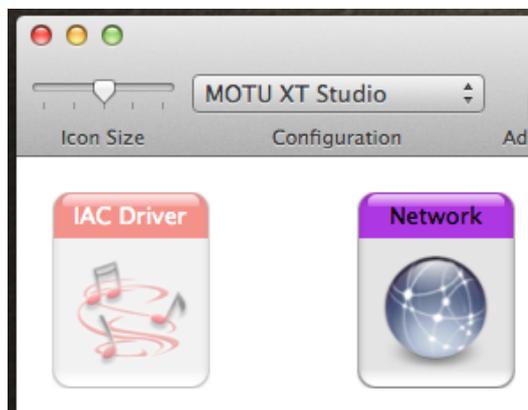<u>First</u> you need to have setup the Network on your Computer...

SETUP

CoreMIDI Network session on a WiFi enabled OSX Computer

All devices need to be connected to the same WiFi network

Audio MIDI Setup

You access the Network settings through OS X "**Audio MIDI Setup**" which should be in the Applications / Utility folder. From the menu bar select **Window > Show MIDI Window**
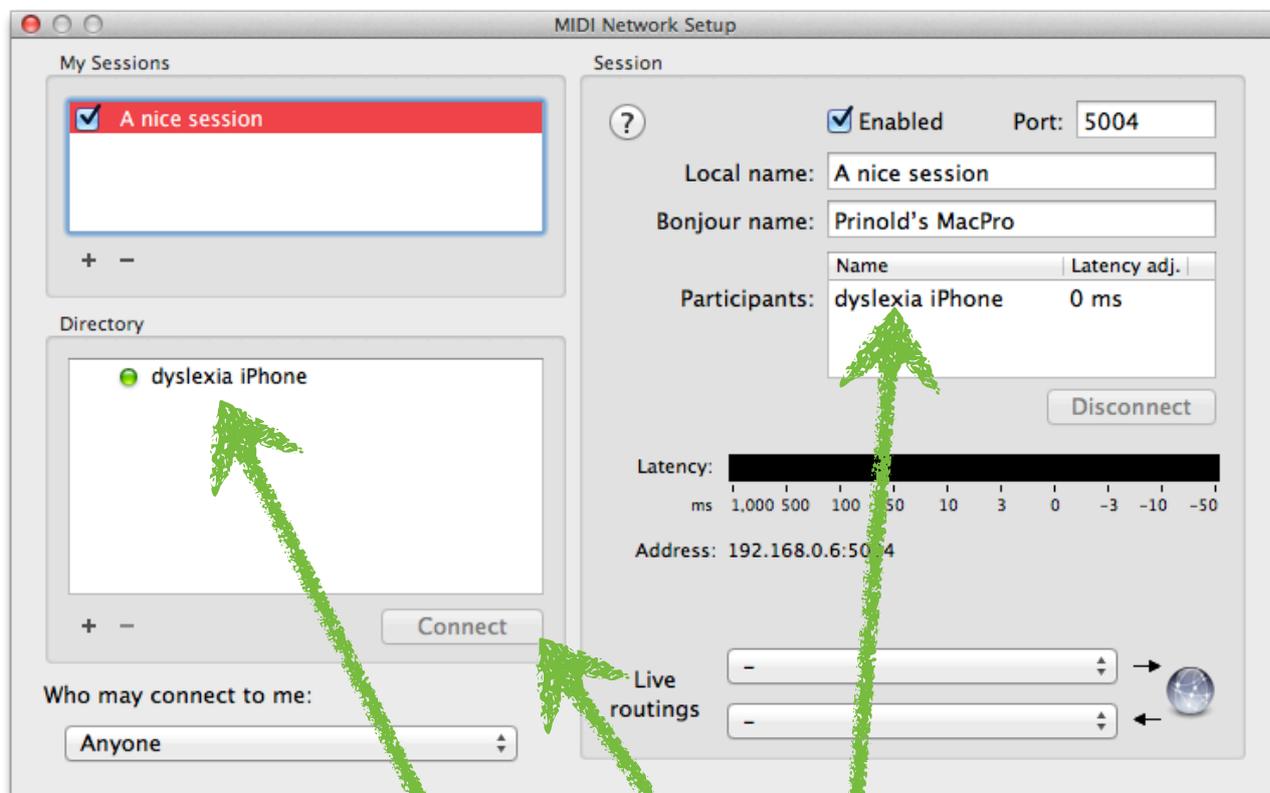
MIDI Window

Double-click on the **Network** icon, which will open the **MIDI Network Setup** window

MIDI Network Setup - THE HARD(er) WAY

You should see the name of your device in the **Directory** panel.

Select your device **dyslexia iPhone** (in the example)
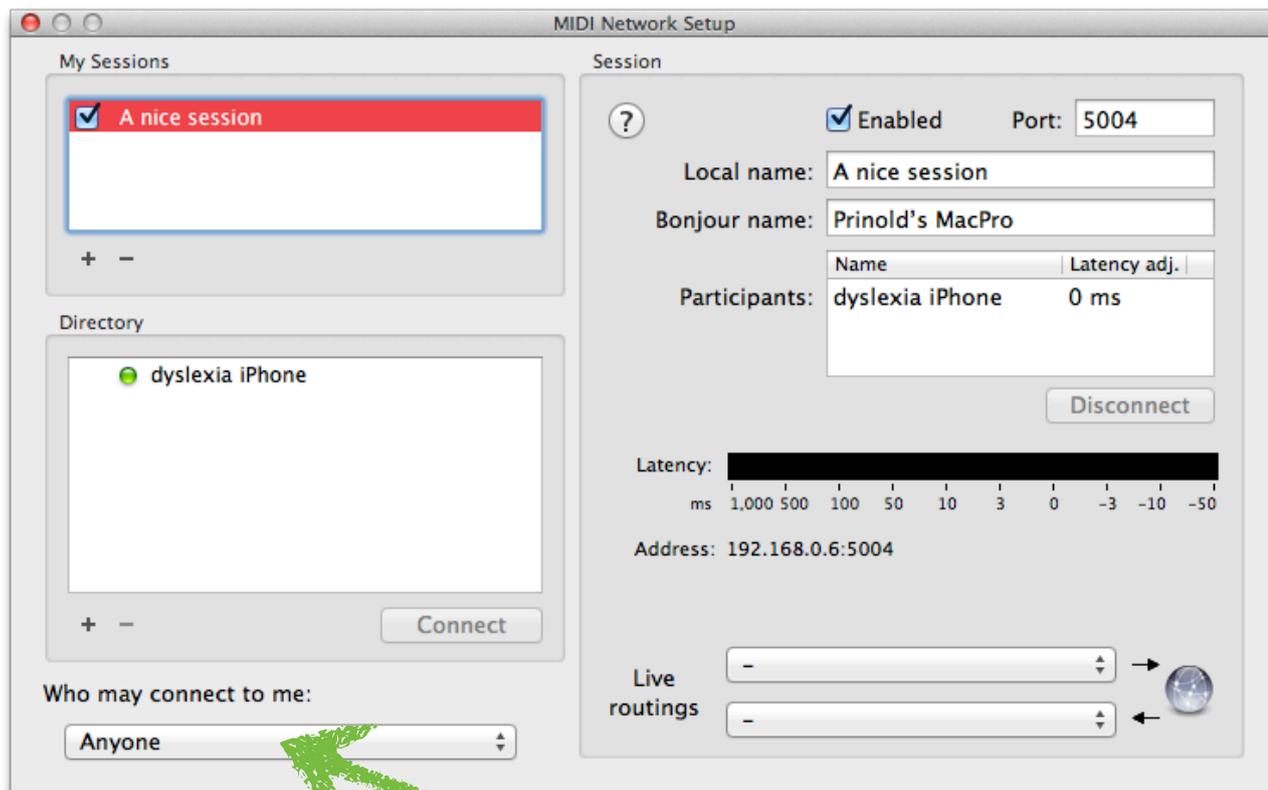and press **Connect**.

Your device should now appear on the **Participants** list and is now ready to send and receive MIDI messages.

More than one MIDI devices can be connected to the same CoreMIDI network session

Now you can select the **Network Session** as a MIDI **IN** and **OUT** in any OS X application, if it supports CoreMIDI

THE EASY WAY

if you have enabled, in **MIDI Network Setup** screen on your Mac...

... **Who may connect to me** = **Anyone**
(This only allows MIDI protocol devices, so is very safe)

Then your iOS device (via the MIDI CONNECTIONS page), can select or deselect the Network Host
a lot easier.

go try it out . . . .

last page of **CoreMIDI** setup manual