Modkit Link: Remote Link Troubleshooting Guide

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Issue
Remote Link between iPads and Brains will not connect after ensuring that iPads and laptops are on the same Access Point and subnet.

Cause
Bonjour is not installed, Firewall settings have not been made, or the Bonjour Protocol has been disabled at the Access Point in the room. Other networking issues may also be involved.

Resolution
Going through troubleshooting procedure will prove one of the causes above.

Procedure

Apple Bonjour
In order for iOS device's to be able to discover your Remote Link, Modkit Link uses Apple Bonjour. This software comes preinstalled on the Mac operating system but must be installed manually on Windows machines. Please see the PLTW installation instructions for more info.

Firewall Settings
The following ports/protocols must be open for Remote Link to operate: 5353 UDP (Bonjour) and 3000 – 3025 TCP (Modkit Link)

Enabling Remote Link
Modkit Link runs minimized in the Windows notification area (task bar) or the Mac menu bar. Click the “m” icon to show Modkit Link’s menu and then click to enable Remote Link. On Windows, the “m” icon will sometimes be hidden so you may have to click an arrow to see it.
Checking For Link Connections

Once you’ve enabled Remote Link, you can use a utility to browse for it on the same, as well as different computers. Being able to find your Modkit Link instance on another computer (on the same wifi network) ensures that the iPads will be able to see it as well.

On Windows, download and unzip the Modkit Link Remote Test package: https://s3.amazonaws.com/modkit/release/link/ModkitLinkTest.zip

Then double click and run modkit_link_test.exe. On Mac OSX the test utility is already installed. Simply open a terminal window and type: dns-sd -B _modkitlink