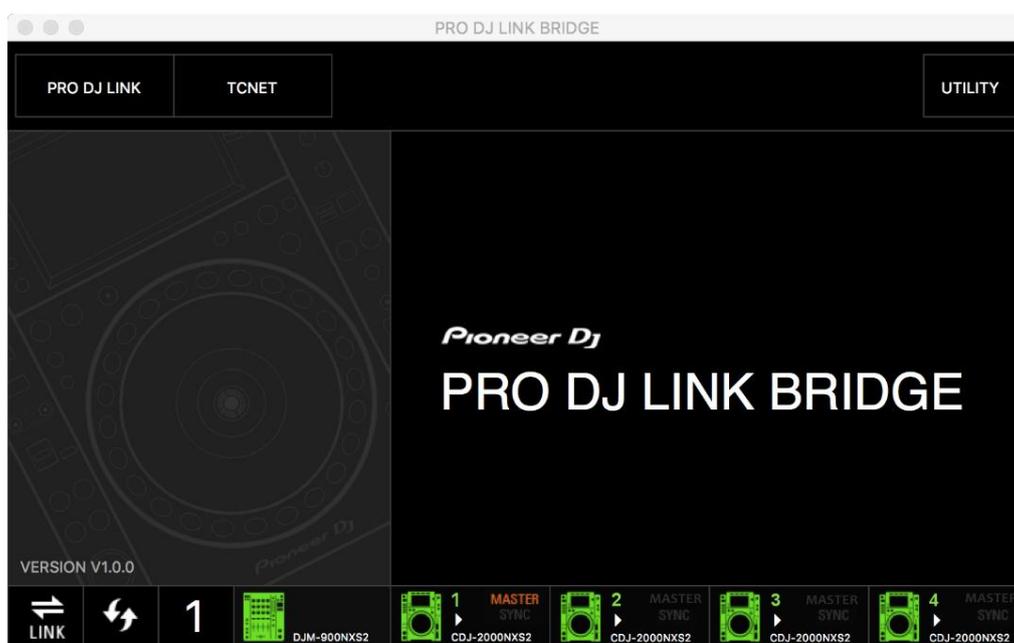


# PRO DJ LINK

# BRIDGE



## Instruction Manual

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# 1. Prior to use (Important)

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## 1.1. Overview of PRO DJ LINK Bridge

PRO DJ LINK Bridge is an application that allows you to synchronize real time information present on a PRO DJ LINK network to external lighting, video, SFX applications and devices via a protocol called TCNet.

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## 1.2. System Requirements

Prior to installing PRO DJ LINK Bridge, make sure to read Software end user license agreement.

Supported OS:

PRO DJ LINK Bridge is supported under the following OS.

- macOS Big Sur / Catalina / Mojave / High Sierra (Updated to the latest version)
- Windows 10 / 8.1 (The latest service pack)

System Requirements:

ITEM	MINIMAL SPEC
CPU	Intel processor 1st generation or later Core i9, i7, i5, i3 AMD Ryzen 1000 series or later CPU Apple M1 chip
Memory	4 GB
Hard disk / SSD	250 MB free HD space
Display Resolution	1280x768
Internet Connection	Internet connection is required to download and update the application.
LAN Connectivity	At least one Ethernet switching hub (at least 100Mbps) for communicating with the DJ products is required to set up connectivity to PRO DJ LINK. When connecting to an external application or device via TCNet, an additional Ethernet switching hub is needed (Gigabit hub is recommended).

### 1.3. Supported PRO DJ LINK Devices

Please visit the following page to know which Pioneer DJ products are supported by PRO DJ LINK Bridge.

<https://www.pioneerdj.com/en/product/software/pro-dj-link-bridge/software/overview/>

For the full list of third party applications and devices supported by PRO DJ LINK Bridge, please refer to

<https://www.pioneerdj.com/en-us/landing/pioneer-dj-certified/>.

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### 1.4. Install

Authorization of the computer's administrator is required to install PRO DJ LINK Bridge. Log on as the user which was set as the computer's administrator before installing.

1. Launch web browser of the computer you use to download PRO DJ LINK Bridge
2. Click twice on the downloaded zip file to unzip. Click twice the unzipped file to launch Installation program
3. Proceed with installation of PRO DJ LINK Bridge

## 2. Getting started

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### 2.1. Introduction

PRO DJ LINK Bridge is designed to work fully automatic by connecting to the PRO DJ LINK and TCNet supported applications / devices.

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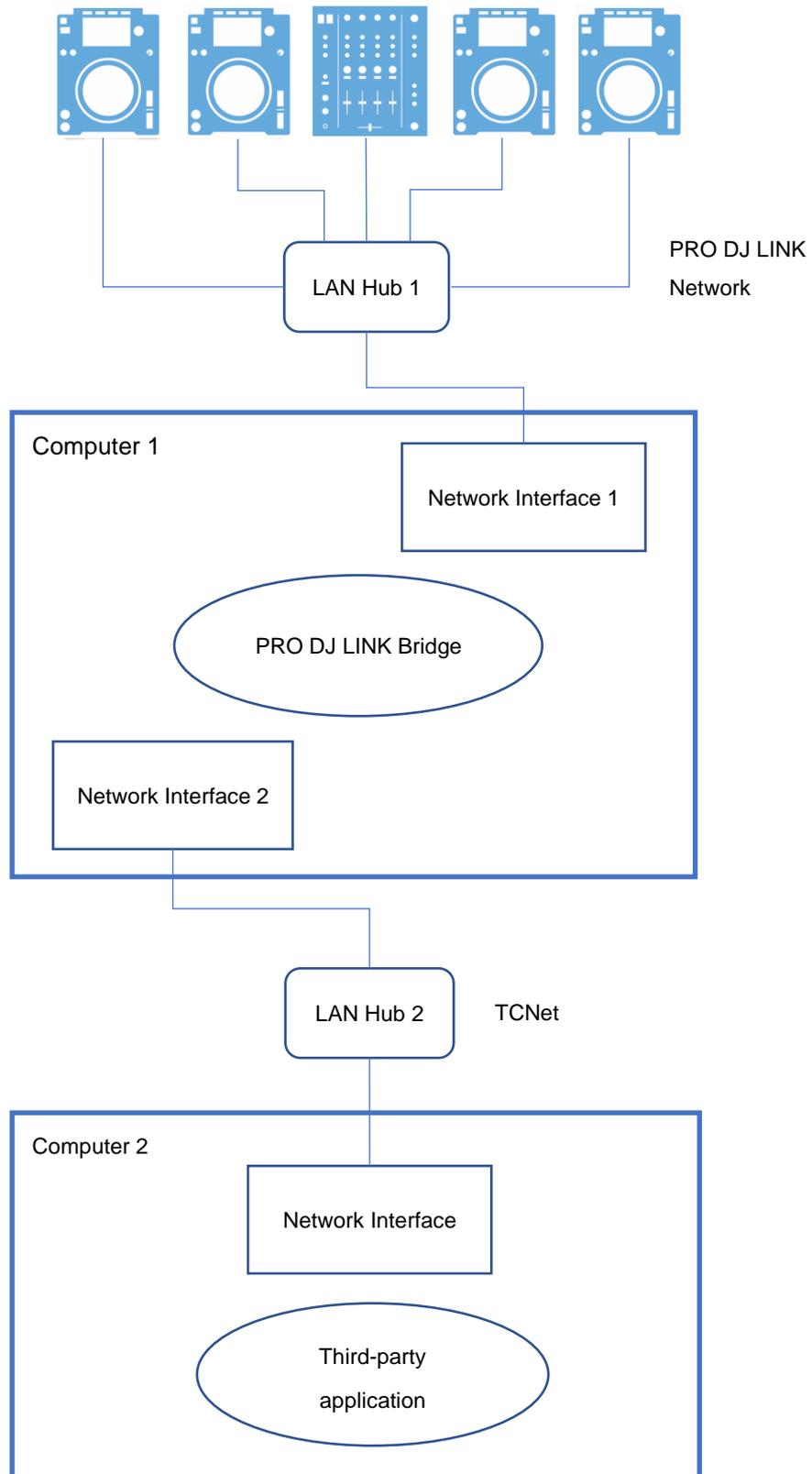
### 2.2. Structuring network

#### 2.2.1. Synchronizing with an application made by a third-party manufacturer

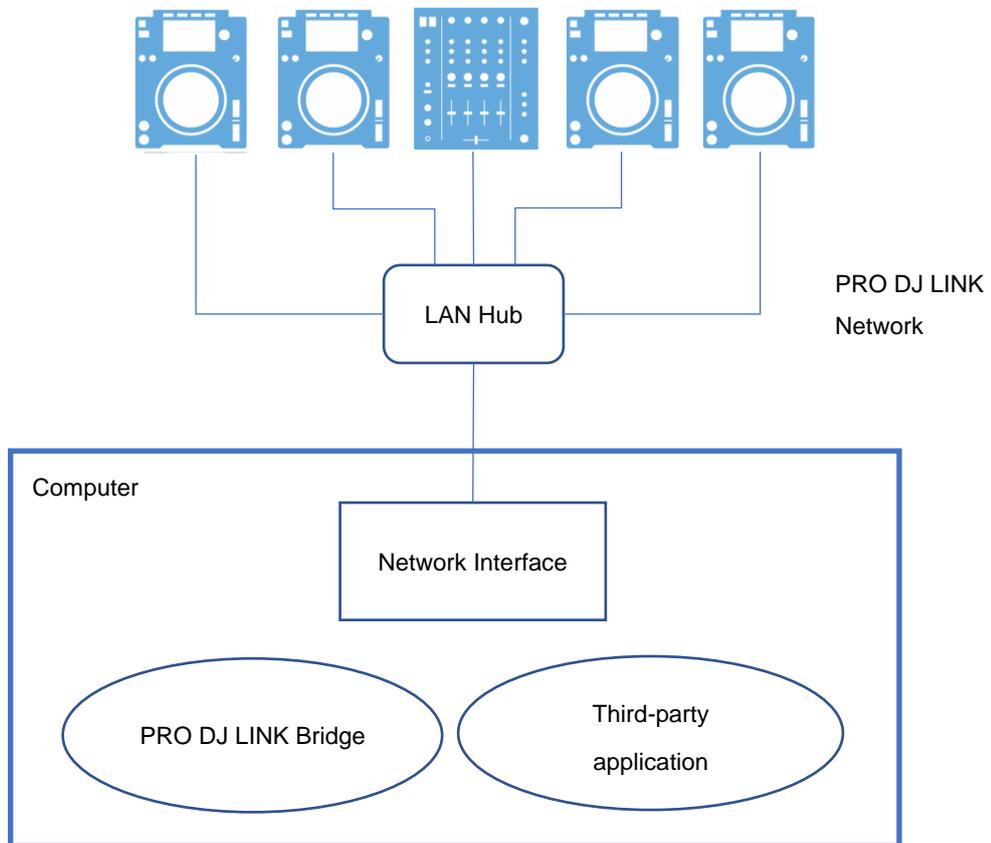
If you want to sync the third-party application with PRO DJ LINK devices, you can install the PRO DJ LINK Bridge either on another computer than the computer that third party application is installed, or on the same computer where the third-party application is installed.

In cases where the third-party application is not installed on the same computer, the PRO DJ LINK Bridge will use a second network interface to communicate to the third-party application via TCNet.

- Structure when you install the PRO DJ LINK Bridge on another computer than the computer where the third-party application is installed:



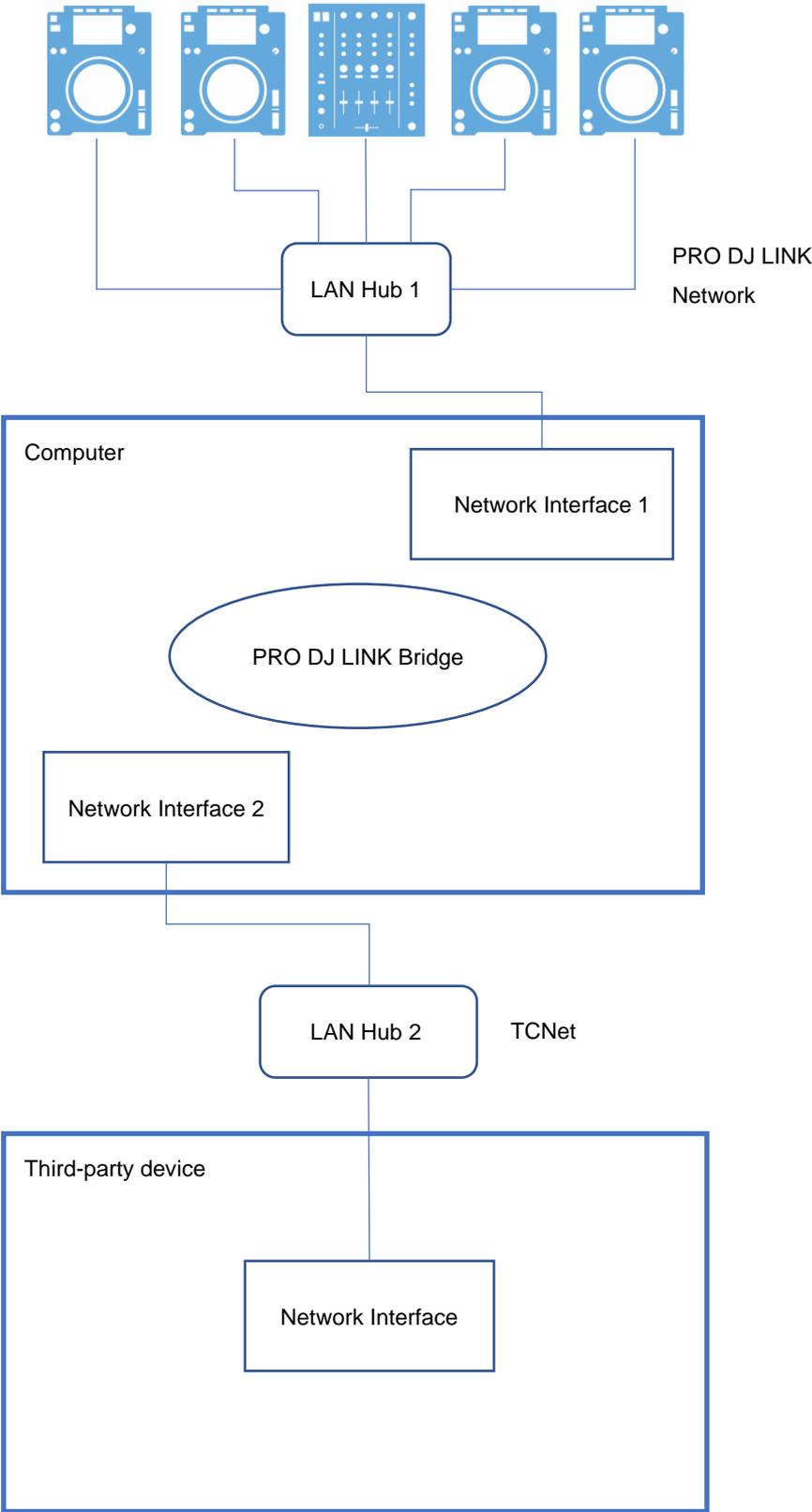
- Structure when you install the PRO DJ LINK Bridge on the same computer as the computer where the third-party application is installed:



### 2.2.2. Synchronizing with a device made by a third-party manufacture

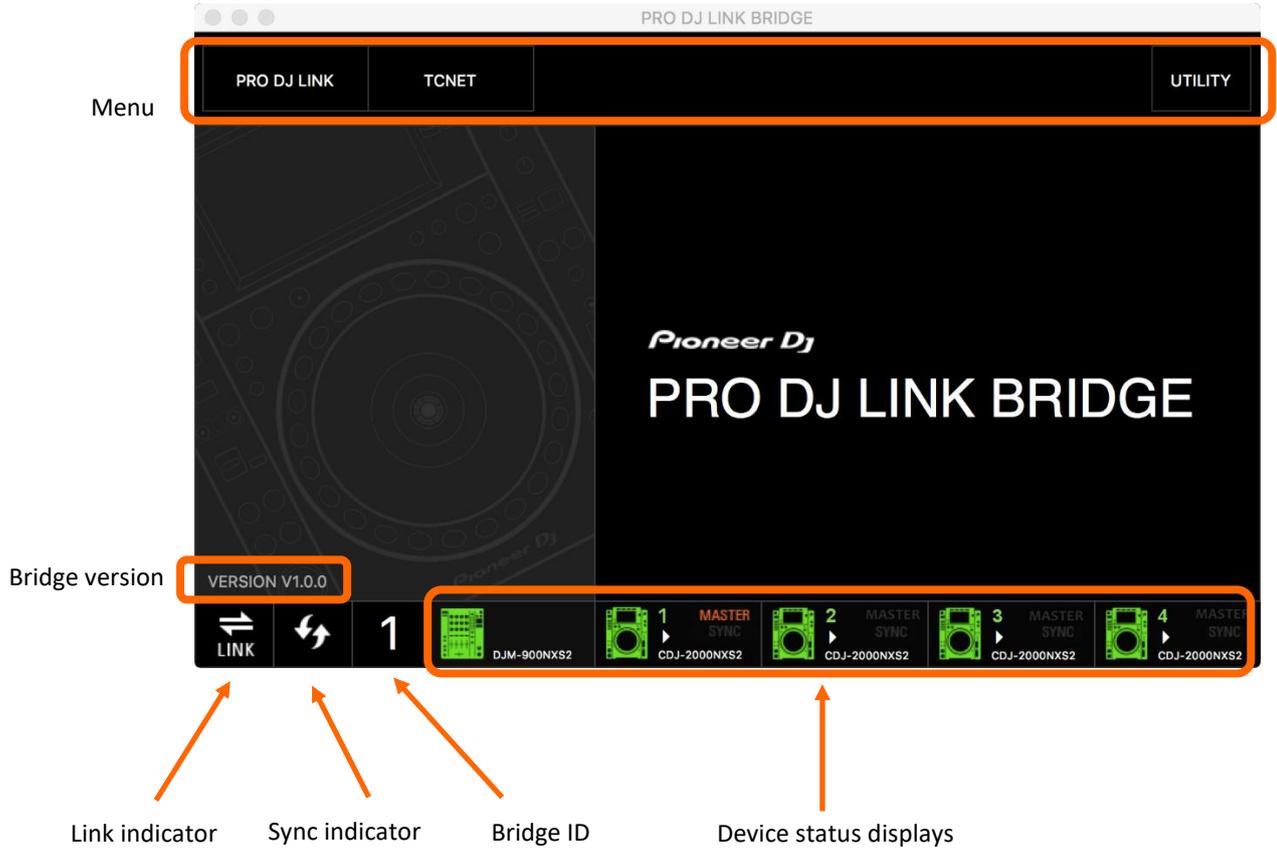
If you want to sync third-party device with PRO DJ LINK devices, the PRO DJ LINK Bridge will use the second network to communicate with the third-party device via TCNet.

■ Structure when you synchronize with a third-party device:



### 2.3. GUI Overview

The picture below shows the names of each GUI component.



### 3. PRO DJ LINK Bridge Features

PRO DJ LINK Bridge is equipped with features:

- ✓ Auto connecting to PRO DJ LINK enabled devices
- ✓ Auto connecting to TCNet enabled applications / devices
- ✓ Real time information relay between both network protocols

PRO DJ LINK Bridge usually runs on the background of your computer. This can be done by minimizing the application after startup.

There are 3 menus with options to monitor and change settings: PRO DJ LINK, TCNET and UTILITY.

#### 3.1. MENU: PRO DJ LINK

In PRO DJ LINK menu, you can change the PRO DJ LINK setting, and see the status of connected devices.

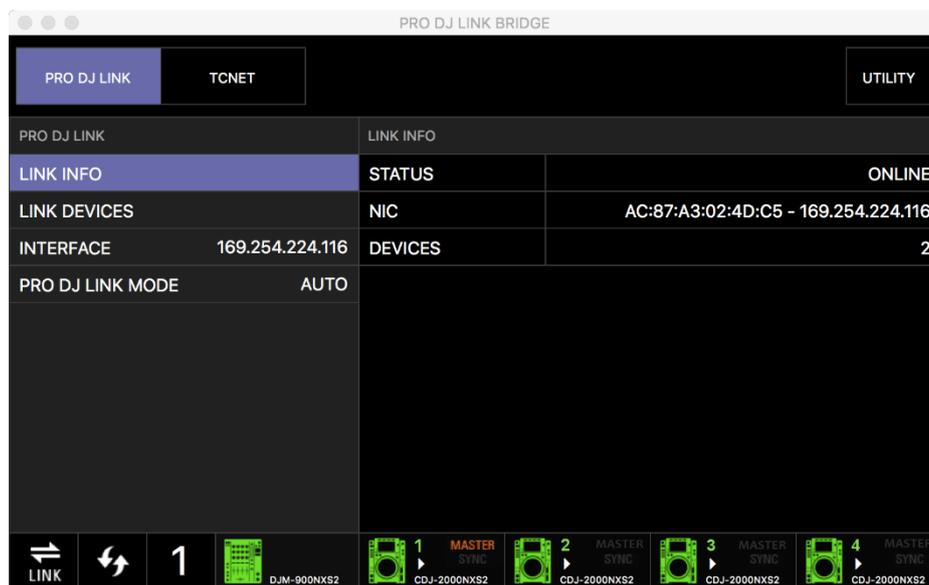


Fig: PRO DJ LINK Menu

- The PRO DJ LINK INFO menu allows you to monitor the current status of PRO DJ LINK and number of registered devices.
- The PRO DJ LINK DEVICES menu displays the registered devices and info.
- The PRO DJ LINK INTERFACE menu allows you to set the correct network interface where the PRO DJ LINK is active.
- The PRO DJ LINK MODE menu allows you to choose between PRO DJ LINK MODE's:

<b>AUTO</b>	PRO DJ LINK Bridge automatically decides when to connect to PRO DJ LINK <b>(Recommended setting)</b>
<b>ALWAYS ON</b>	PRO DJ LINK Bridge keeps itself connected to PRO DJ LINK

### 3.2. MENU: TCNET

In TCNET menu you can change the TCNet settings, and check the status of connected devices / applications via TCNet

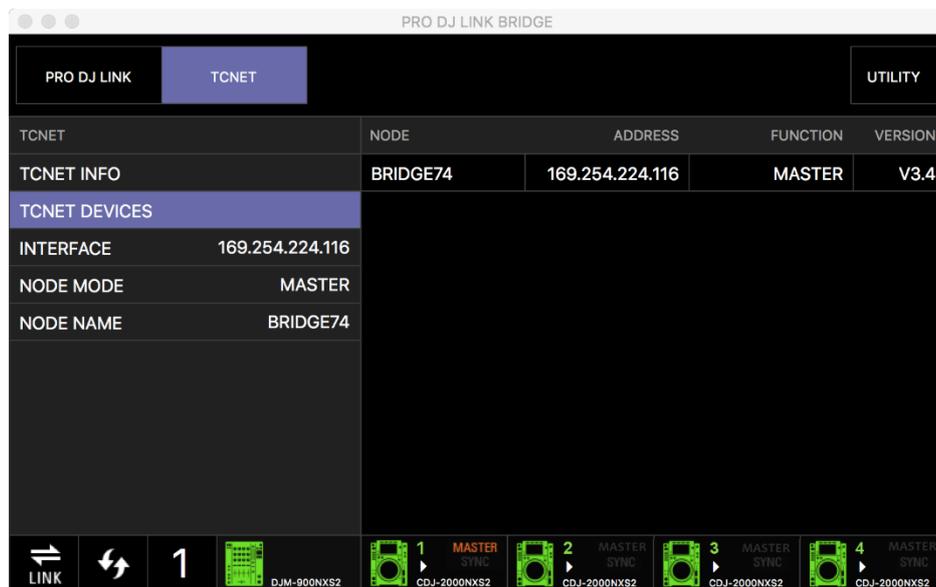


Fig: TCNET menu

- The TCNET INFO menu allows you to monitor the current status of TCNet and total number of registered devices.
- The TCNET DEVICES menu displays the registered devices and info.
- The TCNET INTERFACE menu allows you to set the correct network interface where the TCNet network is active.
- The TCNET NODE MODE menu allows you to choose between TCNet Node modes:

<b>AUTO</b>	PRO DJ LINK Bridge automatically decides when to become a TCNet server <b>(Recommended setting)</b>
<b>SERVER</b>	Forces PRO DJ LINK Bridge to register as a TCNet [server] node
<b>CLIENT</b>	Forces PRO DJ LINK Bridge to register as a TCNet [client] node

**IMPORTANT INFO:** TCNet Node modes are set to deliver information of a device/application in a TCNet network. The [SERVER] sends information to [CLIENT]. In normal operation, the PRO DJ LINK Bridge registers as a [SERVER] node. This is because its designed to relay information from the PRO DJ LINK network to the other [CLIENT] devices in a TCNet network. When you set the NODE MODE to AUTO, the application checks if there is already another [SERVER] active on the network and if that's the case, it will become a [CLIENT]. In this mode, the PRO DJ LINK Bridge application will not receive information from a PRO DJ LINK network or relay any information on a TCNet network. When a TCNet [SERVER] node leave's the network, all nodes that are set to AUTO will then negotiate a new [SERVER]. **To avoid problems while plugging into existing networks, always keep this mode to AUTO.**

- The TCNET NODE NAME menu allows you to set a unique name for the PRO DJ LINK Bridge app in the TCNet network.

TIP: A node name must contain 8 characters. When less than 8 characters are used, % wildcards are added which result in random numbers upon initializing the link.

### **3.3. MENU: UTILITY**

- The UTILITY UPDATES menu allows you to set the auto update settings or check manually for updates.
- The UTILITY ABOUT displays the application version and licenses
- The UTILITY EULA lets you review the application End User License Agreement

## 4. General info and help

### 4.1. FAQ

Please read our frequently asked questions below:

QUESTION	ANSWER(S)
What is PRO DJ LINK?	PRO DJ LINK offers various link functions that can be used by connecting CDJs or a DJM or a computer on which rekordbox is installed by LAN cable.
What is TCNet?	TCNet is an open network protocol, designed to have devices and software applications exchange real time information. Since the protocol is open, it is widely adopted by manufacturers of lighting, video and SFX applications / hardware.
What applications or equipment can connect to the PRO DJ LINK Bridge?	PRO DJ LINK Bridge connects via PRO DJ LINK to Pioneer DJ CDJ-3000, DJM-V10, DJM-V10-LF, CDJ-2000NXS2, DJM-900NXS2, CDJ-TOUR1 and DJM-TOUR1 devices. Via TCNet it connects to any TCNet enabled applications or devices. For some information types, there is an extra license needed by connecting application. For a full list of supported applications / devices please visit: <a href="https://www.pioneerdj.com/en-us/landing/pioneer-dj-certified">https://www.pioneerdj.com/en-us/landing/pioneer-dj-certified</a>
I am using ShowKontrol. Do I need PRO DJ LINK Bridge?	No. ShowKontrol has the same features built in as PRO DJ LINK Bridge. For more information please visit: <a href="http://www.showkontrol.com/">http://www.showkontrol.com/</a>

## 4.2. Troubleshooting

PRO DJ LINK Bridge is designed to work fully automatic by connecting to the PRO DJ LINK and TCNet supported devices/applications.

When you encounter any problems, please refer to this table for solutions:

ISSUE	SOLUTION(S)
<p>PRO DJ LINK Bridge doesn't seem to connect to my PRO DJ LINK devices.</p>	<p>1) Please perform the following checks:</p> <ul style="list-style-type: none"> <li>✓ Check if correct Network Interface is set</li> <li>✓ Make sure you don't have any firewalls installed on your computer and that the application has full network access.</li> <li>✓ Check all cables and connection indicators</li> </ul> <p>2) Make sure that there are no other applications blocking UDP port 50000, 50002.</p>
<p>PRO DJ LINK Bridge doesn't seem to connect to my TCNet devices</p>	<p>Please perform the following checks:</p> <ul style="list-style-type: none"> <li>✓ Check if correct Network Interface is set</li> <li>✓ Make sure you don't have any firewalls installed on your computer and that the application has full network access.</li> <li>✓ Check all cables and connection indicators</li> </ul>
<p>PRO DJ LINK Bridge doesn't send any information to my application/device.</p>	<p>Make sure that your device or application is licensed to use the PRO DJ LINK information. If you are not sure, please check <a href="https://www.pioneerdj.com/en-us/landing/pioneer-dj-certified">https://www.pioneerdj.com/en-us/landing/pioneer-dj-certified</a> for more information about licensed external products.</p>
<p>The updater functionality doesn't work or update properly</p>	<p>Make sure that PRO DJ LINK Bridge has internet access and that your computer's firewall is not blocking any traffic to it.</p>

## 5. Trademarks and Registered Trademarks

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