Pioneer DJ

PRO DJ LINK
Setup Guide

Contents

How to read this manual

The instructions in this manual use the indications below.
- Button names displayed on the main unit of the product, and the screen names on the software are enclosed in [ ]. (Example: [**LINK**] button, [**UTILITY**] screen)
- The version of rekordbox for mobile devices is referred to as "rekordbox (iOS/Android)".
- The version of rekordbox for Mac/Windows is referred to as "rekordbox (Mac/Windows)". rekordbox is used to indicate the versions of rekordbox and rekordbox (iOS/Android) simultaneously, as well as when referring to rekordbox functions directly.

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Before start

Purpose of this guide

This guide describes the procedures for making the connections required to use the PRO DJ LINK functions.

General description of PRO DJ LINK

To enable various PRO DJ LINK functions proposed by Pioneer DJ, use wireless LAN or LAN cable [1] to connect a mobile device (iOS/Android) or a computer (Mac/Windows) on which DJ player, DJ mixer or rekordbox supporting PRO DJ LINK are installed.
The main functions that can be achieved by PRO DJ LINK are as follows:

*   Music files in various media such as smartphones and tablets[2], computer[2], USB device, or SD memory card[3] etc., are transmitted by wireless methods or with LAN/USB cable, and these files can be shared/played on a maximum of 4 players[4].
*   Music of a maximum of 4 DJ players can be played by automatically adjusting the tempo and beat, by installing the BEAT SYNC function.
*   The channel status (on air status and channel number) can be checked instantaneously.
*   The quantize function makes it possible to apply beat effects in tempo with the music.
Besides this, functions can be enhanced further by using a combination of DJ player and DJ mixer supporting PRO DJ LINK. For details, see the respective operating instructions.

1 Use a LAN cable of CAT5e or higher.
2 rekordbox must be installed.
3 For DJ players supporting SD memory cards, please see the Operating Instructions of each DJ equipment .
4 Music files in CD/DVD cannot be shared.

About SD memory cards
In the subsequent explanations, SD memory card and USB device are collectively described as "Storage device (USB/SD)" . SD memory card can only be used in the supporting equipment.

Type of equipment supporting PRO DJ LINK

DJ players supporting PRO DJ LINK
Pioneer DJ's DJ players supporting LAN ports.

DJ mixers supporting PRO DJ LINK
Pioneer DJ's DJ mixers supporting LAN ports.

For the latest information, see following website:
rekordbox.com

To make maximum use of the PRO DJ LINK function

PRO DJ LINK function can be utilized to a maximum using music files analyzed by rekordbox.
Mobile device (iOS/Android) or computer (Mac/Windows) on which the rekordbox is installed can be directly connected to the DJ player or music files analyzed by rekordbox can be used by transferring to a storage device (USB/SD).
rekordbox can be downloaded free of charge from the following website:
rekordbox.com

Recommended rekordbox versions
rekordbox (iOS/Android) ver.1.2.0 or greater, rekordbox (Mac/Windows) ver.3.1.0 or greater
*   For detailed connection and operation method of a mobile device (iOS/Android) or a computer on which rekordbox is installed, see the user's manual of rekordbox (iOS/Android) or the Operating Instructions of rekordbox (Mac/Windows).

Mobile device (iOS/Android) that can be connected to each type of equipment with USB cable
For mobile devices (iOS/Android) that can be connected by USB cable, see the operating instructions of each type of equipment.

To make connections

The connection procedure for using the PRO DJ LINK function differs according to the combination of devices you are using.
This Setup Guide describes typical example of how to setup connection between DJ player and a DJ mixer supporting PRO DJ LINK.

Connecting by wireless LAN

*   Use the wireless router (available in the market) and access point (available in the market) which can obtain a sufficient communication speed such as IEEE802.11n, IEEE802.11g etc. Depending on the signal conditions in the usage environment or the wireless router and access point, PRO DJ LINK connections may not operate properly.
*   For connection method of wireless LAN, see the operating instructions of the computer or wireless LAN equipment used.

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*   Pioneer DJ is a trademark of PIONEER CORPORATION and is used under license.
*   rekordbox™ is a registered trademark of AlphaTheta Corporation.
*   Windows is a registered trademark of Microsoft Corporation in the United States and other countries.
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*   Android™ is a trademark of Google LLC.
*   iOS is a trademark containing Cisco trademark signs in the US and other countries.
*   The names of companies and products mentioned herein are the trademarks of their respective owners.

Connecting DJ equipment

Required DJ Equipment

Note: Audio cables and LAN cables are required in all cases.

Case [A]

- A switching hub or wireless router with internal switching hub
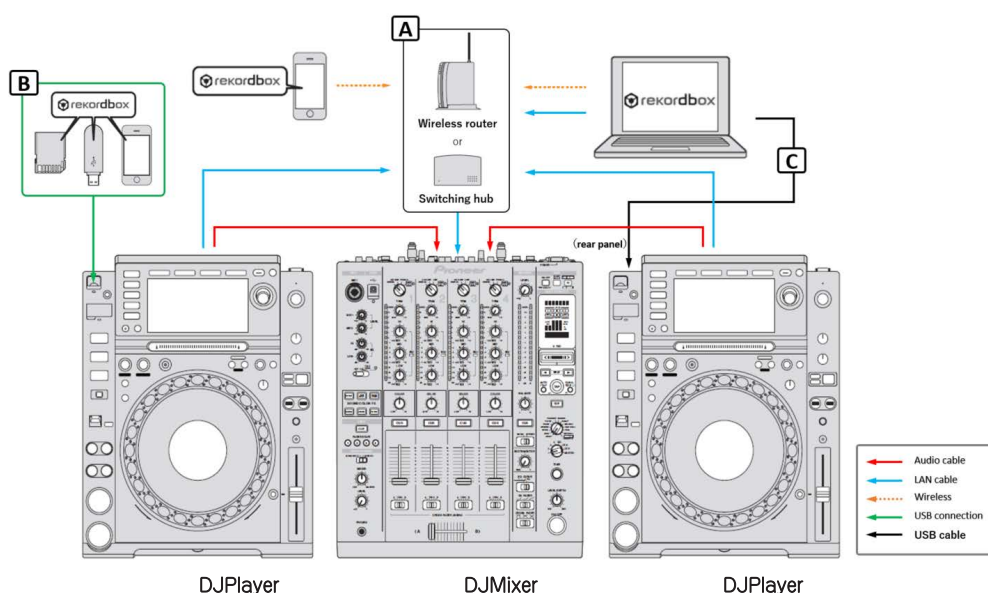- A mobile device (iOS/Android) or computer (Mac/Windows) where rekordbox is installed

Case [B]

- A USB/SD media storing tracks and data exported from rekordbox or a mobile device (iOS/Android) where rekordbox is installed
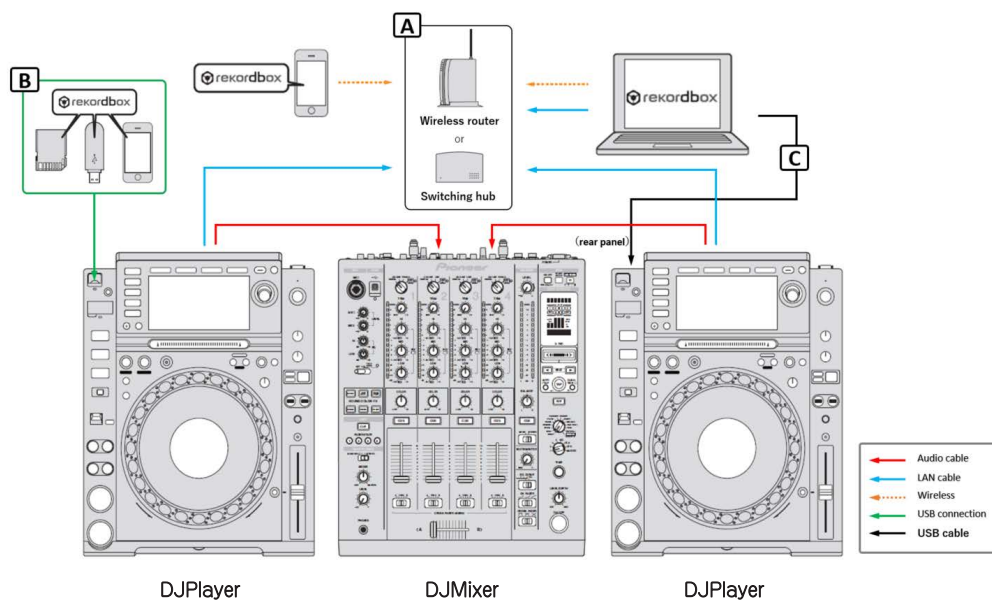- A connecting cable (for mobile device only)

Case [C]

- Computer (Mac/Windows) where rekordbox is installed
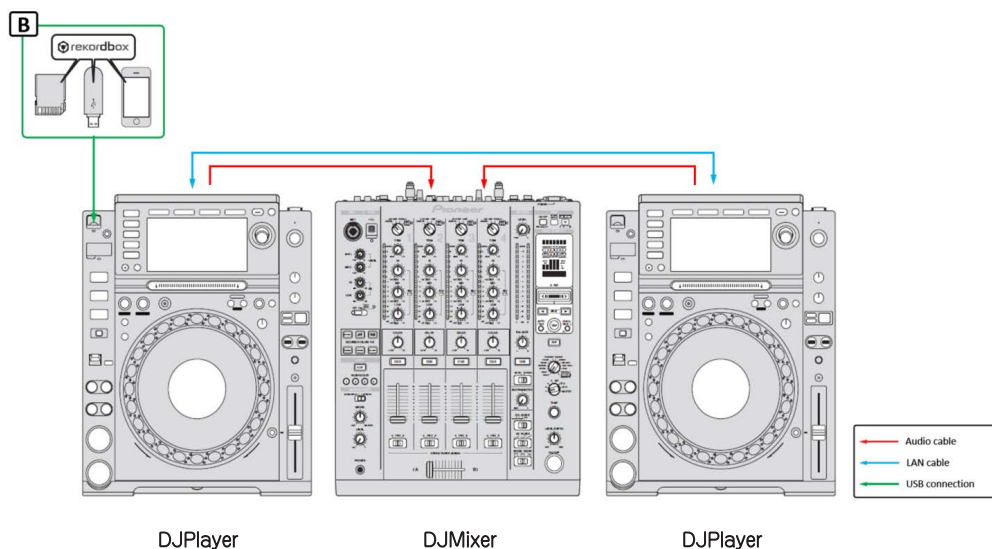- USB cables

Connections diagram

When the DJ mixer and DJ players supporting LAN connection

DJPlayer   DJMixer   DJPlayer

When only DJ players supporting LAN connection

DJPlayer   DJMixer   DJPlayer

When a computer is not connected

DJPlayer   DJMixer   DJPlayer

Audio cable
LAN cable
USB connection

Connection procedure

Creating the [PLAYER No.] settings

Usually, [PLAYER No.] is assigned to each DJ player automatically. In the following cases, however, please assign [PLAYER No.] manually by the following procedures .

· When the DJ player's [PLAYER No.] and DJ mixer's channel number do not match

1 Disconnect the LAN cable from the equipment and unplug the mobile device (iOS/Android) and storage device (USB/SD) from the DJ player.

· You can't change [PLAYER No.] settings when mobile device (iOS/Android) or storage device (USB/SD) are connected, or when LINK connection is established.

2 Turn on the power of the DJ players and DJ mixer.

3 Open [UTILITY] screen of the DJ player and set the [PLAYER No.] to match the mixer channel number.

· See the Operating Instructions of each DJ player to display [UTILITY] screen.

· Set other DJ players in the same way.

· [PLAYER No.] is set to [AUTO] upon shipment from the factory.

[PLAYER No.] setting screen   (e.g. Player 2)

Connecting a computer (Mac/Windows) or a mobile device (iOS/Android)

When connecting a computer (Mac/Windows)

· Connect to a switching hub [A] using a LAN cable.

· Connect to a wireless LAN router [A] (wireless connection).

· Connect to a USB terminal [C] on the rear panel of a DJ player using a USB cable.

> *You need to install the driver software on your computer. For instructions, please refer to the Operating Instructions of each DJ equipment.
> *The DJ players must support USB connection. See the Operating Instructions of each DJ equipment for USB connection.

When connecting a mobile device (iOS/Android)

· Connect to a wireless LAN router [A] (wireless connection).

· Connect to a USB terminal [B] using a USB cable.

> *Please use cables that came with your iPhone/iPad/iPod.
> *The DJ players must support rekordbox mobile connection. See the Operating Instructions of each DJ equipment for rekordbox mobile connection.
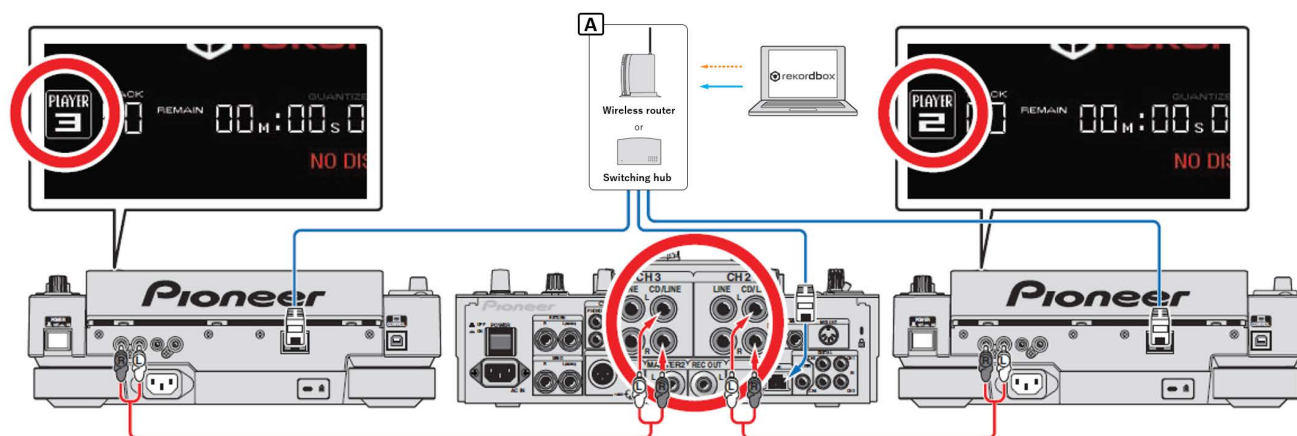
Connecting cables (LAN cable and audio cables)

The following is an example of 'When the DJ mixer and DJ players supporting LAN connection'.

1 Connect the DJ mixer and DJ players to a wireless LAN router or a switching hub using LAN cables.
2 Connect the DJ mixer and DJ players using audio cables.

> Connect them using audio cables to match the DJ player's [PLAYER No.] with the channel number of the DJ mixer.

e.g. Connecting [PLAYER2] to [CH2], [PLAYER3] to [CH3] and a wireless LAN router or a switching hub to the DJ mixer
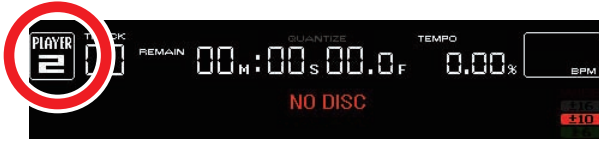
Checking the connections

Check the DJ player's LINK established by LAN connection

Check that the player number indicated on the DJ player's screen is lit in white.

Connected to the LINK
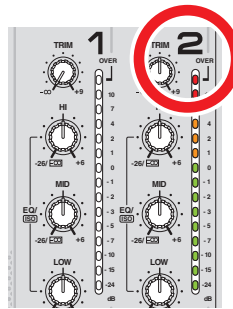

Can't connect to the LINK

- LINK is not established when the player number is not lit in white (grayed-out or blinked). In this case, please redo the connection procedure again.
- Check the connection for other DJ players as well.

Check that the LAN cable and audio cables are properly connected

Load a music file, then operate the DJ players that are connected by the LINK. Play and pause the track repeatedly.
Check that the player number displayed on the DJ player's screen is the same as the channel number that is lit on the DJ mixer's channel level indicator. If not, the connection may not be correct. Then, please redo the connection procedure again.

- Check other DJ players in the same way.

Checking the connected device(s)

Press one of the media buttons to check the connection with the respective device.

- To use a computer (Mac/Windows) connected by wired or wireless LAN: Press the [**rekordbox**] button.
- To use a storage device (USB/SD) set to other players in the LINK: Press the [**LINK**] button.
- To use a computer (Mac/Windows) connected to a USB (B terminal) (wired connection): Press the [**rekordbox**] button.
- To use a mobile device (iOS/Android) or USB device connected to the USB (A terminal) (wired connection): Press the [**USB**] button.
- To use an SD memory card: Press the [**SD**] button.

Press the media buttom

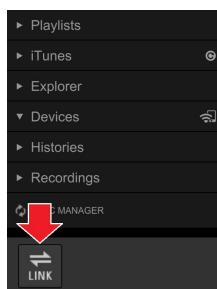- The following describes an example when you press the [**rekordbox**] button.

Tap the [LOAD] icon, or click the [LINK] button to establish the LINK connection.

- Select EXPORT mode to use rekordbox on your computer. For details on EXPORT mode, see the rekordbox Operating Instructions.
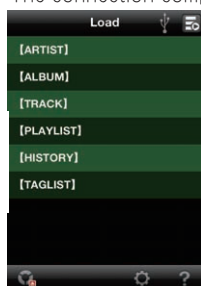
rekordbox (iOS/Android)   rekordbox (Mac/Windows)

The devices that have been recognized are indicated on the DJ player's screen.

e.g.: When connecting a computer (Mac/Windows)

The connection complete screen appears.

rekordbox (iOS/Android)   rekordbox (Mac/Windows)

This completes checking the connections.