



# WIDI APP

## USER MANUAL V08

Please read this manual completely before using this product. The software and firmware will be updated continuously. All the illustrations and texts in this manual may be different from the actual situation and are for reference only.

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## WIDI APP

Please visit [www.bluetoothmidi.com](http://www.bluetoothmidi.com) and download the free WIDI App. It includes iOS and Android versions and is the setting center for all new WIDI products (excluding WIDI Bud, including WIDI Bud Pro). You can get the following value-added services through it:

- Upgrade the firmware of WIDI products at any time to get the latest features.
- Customize the device name for WIDI products and store the automatic pairing settings.
- Set up a one-to-multi group connection.

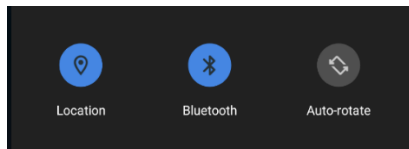
**Note:** *iOS and macOS have different Bluetooth MIDI connection methods, so the iOS version of WIDI App cannot be used on macOS computers.*

**Note:** *iOS 16 (and higher) offers automatic pairing with WIDI devices. After confirming the connection for the first time between your iOS device and WIDI device, it will automatically reconnect every time you start your WIDI device or Bluetooth on your iOS device. This is a great feature, as from now on, you will no longer have to manually pair each time. That said, it can bring confusion for those who use WIDI App to only update their WIDI device and not use an iOS device for Bluetooth MIDI. The new auto-pairing can lead to unwanted pairing with your iOS device. To avoid this, you can create fixed pairs between your WIDI devices via WIDI Groups. Another option is to terminate Bluetooth on your iOS device when working with WIDI devices.*

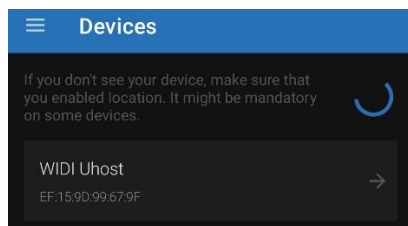
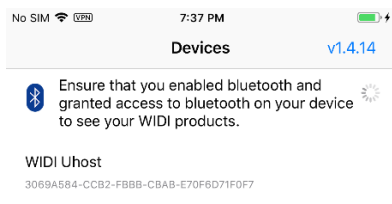
## CONNECT

1. First, please connect your WIDI product to MIDI or USB power supply and confirm that it is not connected to other Bluetooth devices. Confirm the LED light status is blue and slowly flashing.
2. On the device where the WIDI App is installed, turn on the Bluetooth and location information switches in the system settings. And make sure

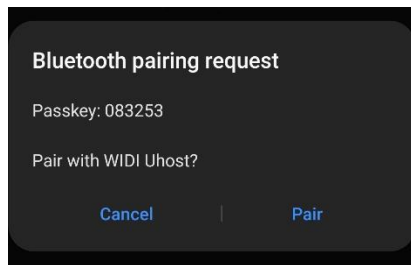
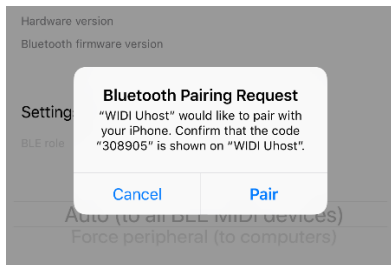
that the distance between the device and the WIDI product is within 10 meters (33 feet).



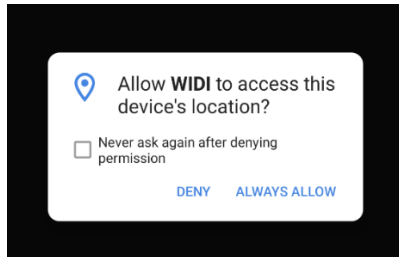
3. Open the WIDI App. At this time, the WIDI App will automatically search for all nearby WIDI devices that can be connected and will display them in the [Device] list.



4. Click the name of the WIDI device that needs to be set in the list. The App will pop up a [Bluetooth Pairing Request] prompt window. Please click [Pair] to connect and enter the details page of the WIDI device.



**Note:** If it is the first time to run WIDI App, it may pop up [Allow WIDI to use wireless data?] and [Allow WIDI to access this device's location?] prompt windows. In this case please click [Wireless LAN and cellular network] or [Wireless LAN only], and [Always Allow] location information (this item is necessary for connecting Bluetooth MIDI devices for setting and upgrading permissions).




## DEVICE



On the WIDI device page, you can view the detailed information of the device and make the following various settings.

**Note:** Click on "?" to open the "Help" pop-up window. Here you will find the specific meaning and operation method of each function.

< Devices

Status

Connected 


Name  WIDI Master 


Serial number F0 3B 4E ED 1E 1B 00 00


Bluetooth firmware version 0.1.6.8


Hardware version 0.0.0.2


Settings

BLE role  Force peripheral (to computers)

TX power  -20 dB

Setting preference  Prefer low latency

Group Auto-learn  OFF

Action 

Update Bluetooth firmware

Activate


Remove group settings



Factory reset

Devices Groups

< WIDI Master

Status

CONNECTED 


Name  WIDI Master 


Serial number F03B4EED1E1B0000


Bluetooth firmware version 0.1.6.8


Hardware version 0.0.0.2


Settings

TX power  -20 dB

BLE role  Force peripheral (to computers)

Setting preference  Prefer low latency

Group Auto-learn  OFF

Action 

UPDATE BLUETOOTH FIRMWARE

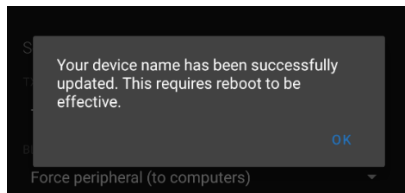
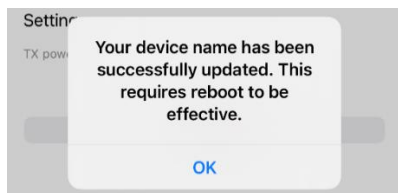
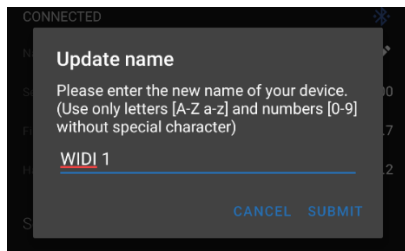
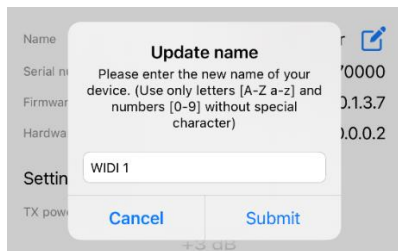
ACTIVATE

REMOVE GROUP SETTINGS

FACTORY RESET

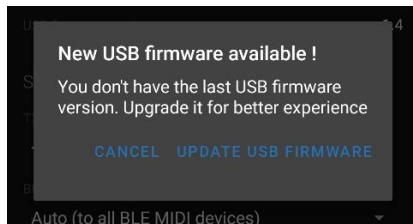
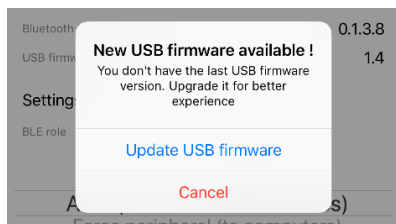
- **Change the device name:** Click the pen-shaped icon behind the device name, type in a new name and [Submit] to write the new name to the WIDI device. If you need to see the result of the change immediately,

please return to the App device list page, and disconnect then reconnect the power of the WIDI device to refresh it.

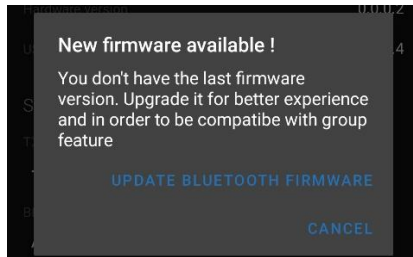
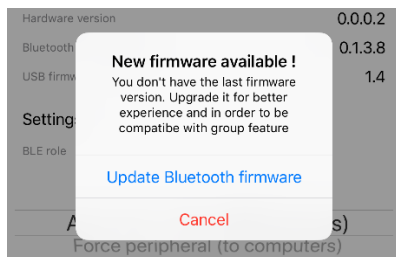


- **Upgrade firmware:** CME will continue to release firmware updates for WIDI products to improve product performance or add new functions in response to user needs. CME recommends that you use this function to ensure that WIDI products always use the latest firmware. The WIDI App needs to access the CME server to obtain the latest firmware, so please make sure that the device on which you have installed the WIDI App can access the Internet.
1. The WIDI App will extract the firmware version information of the connected device and compare it with the firmware version released on our server. If it finds that a new firmware version is available, the WIDI App will prompt you to upgrade through a pop-up window. Some WIDI products contain USB and Bluetooth firmware, please follow the prompts to upgrade in turn.

## USB firmware upgrade prompt:



## Bluetooth firmware upgrade prompt:



You can also click [Update Firmware] to enter the update page.

Action

- Update USB firmware
- Update Bluetooth firmware
- Remove group settings
- Factory reset



## 2. Select the firmware version and click [Start].

### USB firmware version selection:

[< Back](#)    **Update USB firmware**

WIDI Uhost  
3CCE5868-E57E-C1C8-99C1-7E10B973436C

---

Select firmware version

1.6

Start

The firmware is being updated, please do not execute any other operations until the update is complete.

Update USB firmware    ✕

WIDI Uhost  
DE:16:9A:99:67:9F

---

Select firmware version

1.6    ▾

START

The firmware is being updated, please do not execute any other operations until the update is complete.

<    ○    |||

### Bluetooth firmware version selection:

[< Back](#)    **Update Bluetooth firmware**

WIDI Uhost  
3CCE5868-E57E-C1C8-99C1-7E10B973436C

---

Select firmware version

1.4.1

Start

The firmware is being updated, please do not execute any other operations until the update is complete.

Update Bluetooth firmware    ✕

WIDI Uhost  
DE:16:9A:99:67:9F

---

Select firmware version

1.4.1    ▾

START

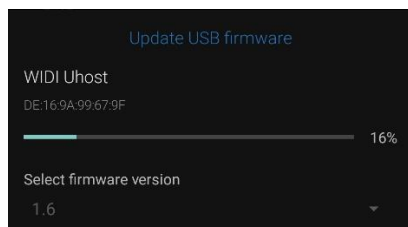
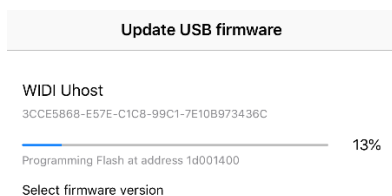
The firmware is being updated, please do not execute any other operations until the update is complete.

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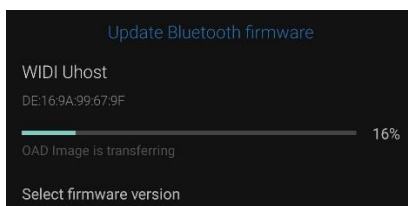
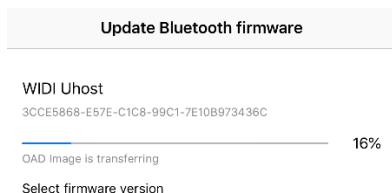


- The progress bar will show the firmware download and writing progress in real time. At this time, the LED light of your WIDI device will turn red (when updating USB firmware) or green (When updating Bluetooth firmware) and flash quickly.

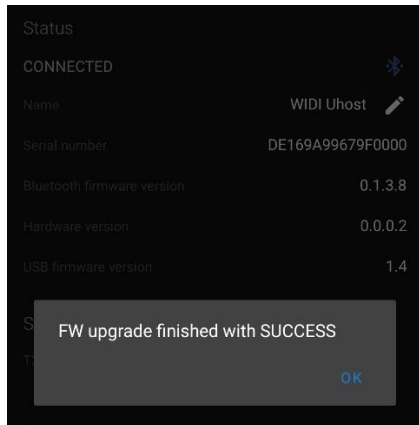
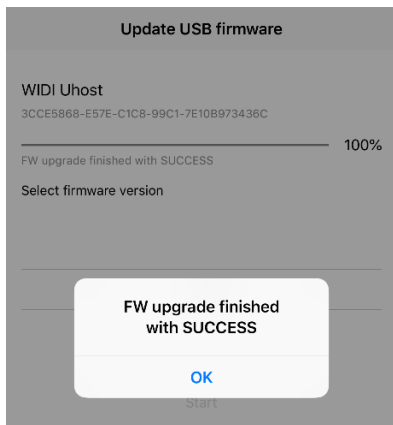
#### USB firmware updating progress:



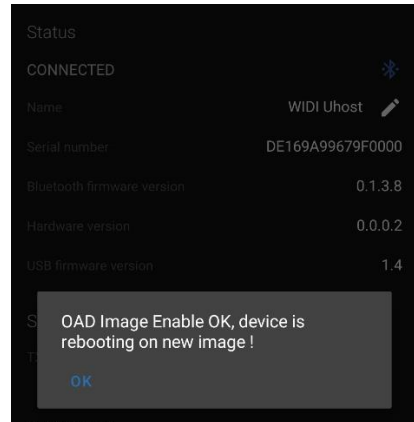
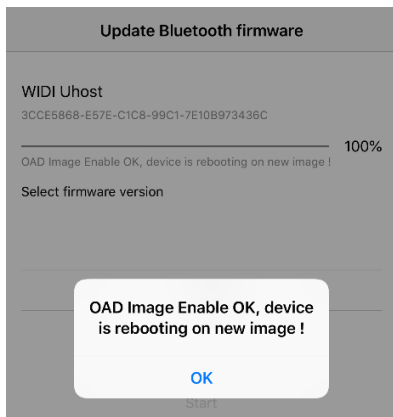
#### Bluetooth firmware updating progress:



- After the USB firmware is updated, click [OK]. If the WIDI App detects that there is a new Bluetooth firmware available for upgrade, it will continue the upgrade through a pop-up window.



5. After the Bluetooth firmware is updated, click [OK]. The WIDI device will automatically restart with the new firmware, and the WIDI App will automatically return to the device list page.



- **Change the transmit power:** the greater the transmit power, the longer the connectable distance of the WIDI device but the greater the power consumption. If necessary, you can reduce the transmission power and power consumption by reducing this parameter. This setting status will be automatically saved to the WIDI device without additional confirmation.

Settings

TX power

+3 dB

+4 dB

+5 dB

Settings

-6 dB

-5 dB

-3 dB

- **BLE role:** The Bluetooth LE standard sets devices into two roles: central and peripheral. The central role is responsible for scanning the peripheral and establishing a connection. The peripheral role is responsible for advertising its status and waiting for the central to initiate a connection. The default state of the WIDI device is [Auto] role. When set to [Auto], WIDI will switch between the two roles of central and peripheral. This starts an automatic search and will activate the connection to the first discovered Bluetooth MIDI peripheral automatically. Or it will accept Bluetooth connection requests sent by the computer or other BLE MIDI host device. If the role status is changed to [Forced Peripheral], WIDI will only advertise its own status and wait for the connection of other Bluetooth MIDI host devices (such as computers, mobile phones, or Pads, etc.).

BLE role

Auto (to all BLE MIDI devices)

Force peripheral (to computers)

BLE role

Auto (to all BLE MIDI devices)

Force peripheral (to computers)

- **Setting preferences:** [Prefer low latency] allows the WIDI device to work at the highest transmission speed, so as to transmit large amounts of data (such as real-time performance information). [Prefer low jitter] allows the WIDI device to work in the most accurate transmission state for more stable data transmission (such as MIDI clock information).

Setting preference

Prefer low latency

Prefer low jitter

Setting preference

Prefer low latency

Prefer low jitter

- **USB soft thru** (only for WIDI Uhost and WIDI Bud Pro): When using USB for MIDI, some MIDI instruments (such as the Roland V-Accordion) can only function as a MIDI controller. In this case, the routing from the keyboard to the internal sound module is disconnected. MIDI messages can only be sent to the computer via USB. If you want to use the keyboard to play the internal sound of the instrument, you must send MIDI messages from the computer's DAW software back to the instrument via USB. When you turn on the USB soft thru, you no longer need to connect to the computer and the MIDI messages you play will directly return to the internal sound module via WIDI USB. The same messages are also sent to the external BLE MIDI device via WIDI Bluetooth.

USB soft thru

OFF

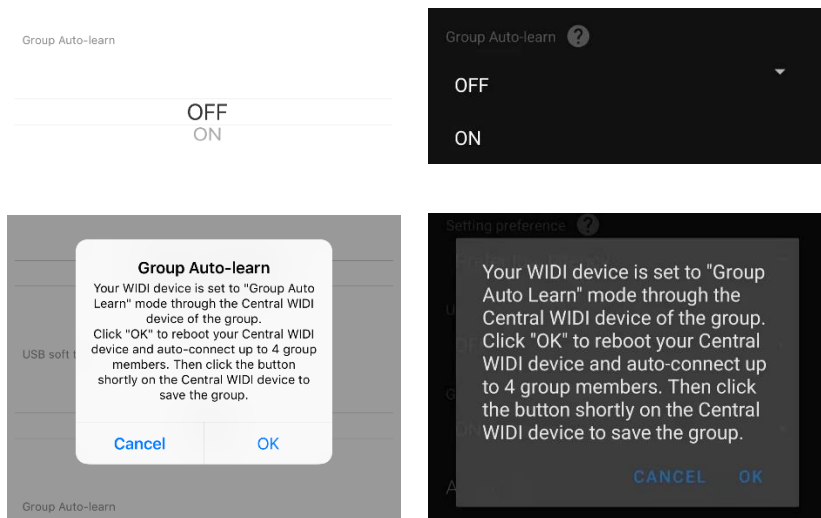
ON

USB soft thru

OFF

ON

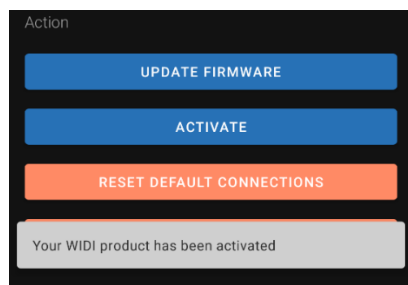
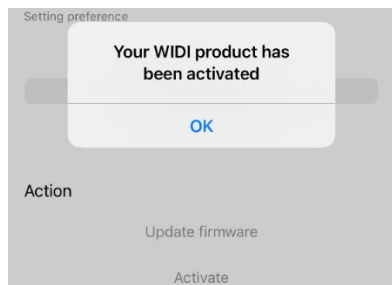
- **Group Auto-learn:** Enable “Group Auto-learn” for the WIDI Central device to automatically scan for all available BLE MIDI devices (including WIDI).



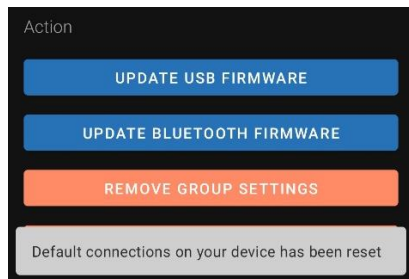
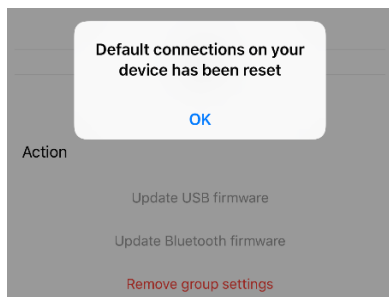
1. Set all WIDI devices to “Forced Peripheral” to avoid auto-pairing between WIDI devices.
2. Enable “Group Auto Learn” for the central WIDI device. Close WIDI app. WIDI LED will flash blue slowly.
3. Turn on up to 4 BLE MIDI peripherals (including WIDI) for automatic pairing with the WIDI Central device.
4. When everything is connected, press the button on the WIDI Central device to store the group in its memory. The WIDI LED is green when pressed and turns turquoise when released.

**Note:** iOS, Windows 10 and Android are not eligible for WIDI groups. For macOS, click "Advertise" in MIDI Studio's Bluetooth configuration.

- **Activate:** Some WIDI Master or WIDI Jack using early firmware version will be switched to the inactive state (the LED is red) due to some unconventional operations. WIDI will not be able to send and receive MIDI data normally. At this point, you can click the [Activate] function to reactivate it.

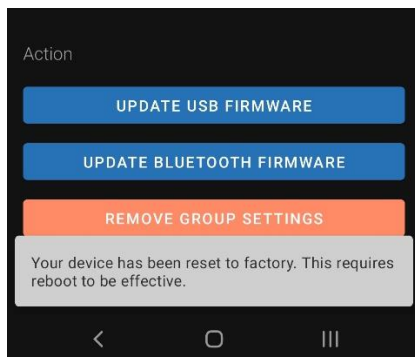
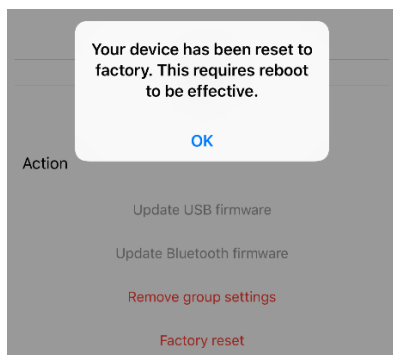


- **Remove group settings:** If you want to clear the default group connection that has been set, connect the WIDI device that has been set to the central role (of the existing group you want to delete) with WIDI App. After establishing the connection between the central WIDI device and WIDI App, click [Remove group settings], all the predefined peripheral addresses saved in the central will be cleared and the group is deleted. The connection settings of the device are restored to the initial state.



For detailed instructions on group settings, please refer to the description in the [Group] section of this document.

- **Factory reset:** Click [Factory reset] to restore all the parameters and settings of the WIDI device to the default values (including removing group settings from the central WIDI device if applicable). Please note that you need to disconnect and reconnect the power supply of the WIDI device to complete this resetting process.



## GROUP

The group function allows you to group up to 5 WIDI devices. After the group setting has been processed successfully, every time you reboot all the WIDI devices in the group will automatically connect to each other and perform two-way MIDI transmission according to the set 1-to-multi connection mode.

1. First, please turn on the power of only one WIDI device and change the [BLE Role] to [Force peripheral] on the device page. Next, return to the App device page. If a WIDI device has been set as the central in the group before, please click the [Remove group settings] button to clear the predefined addresses, otherwise this will conflict with the new group settings.

BLE role

Auto  
Force peripheral

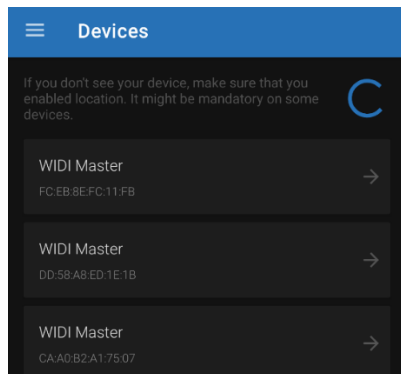
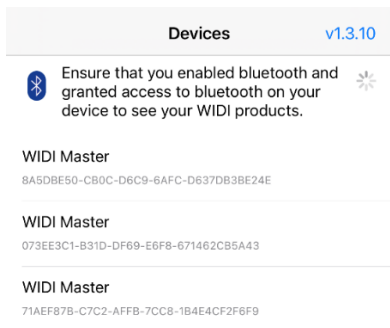
BLE role

Auto (to all BLE MIDI devices)

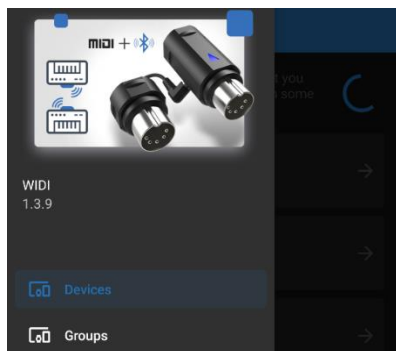
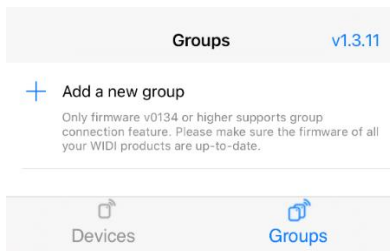
Force peripheral (to computers)

2. Disconnect the power of this WIDI device, connect the power of the second WIDI device, and repeat the above operations until all the WIDI devices that need to be grouped have completed the above settings.
3. Turn on the power of all WIDI devices. At this time, all these WIDI devices will be displayed in the device list.

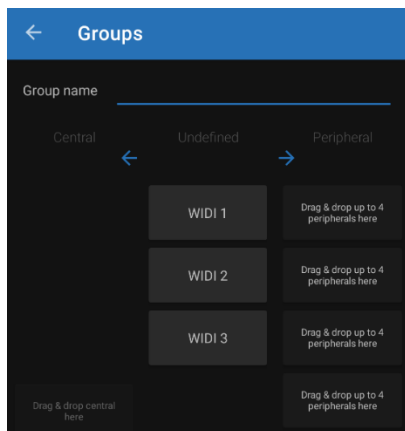
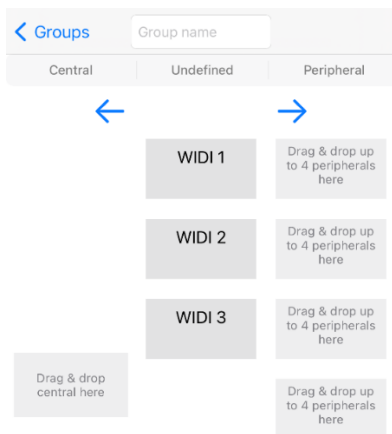




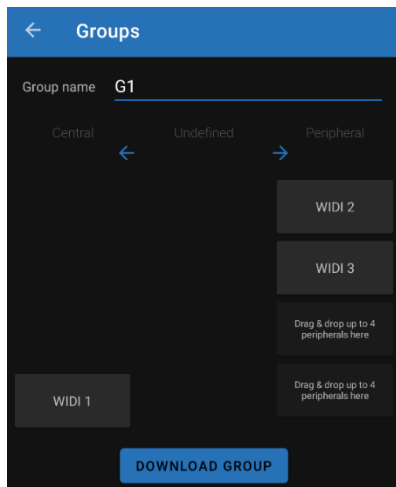
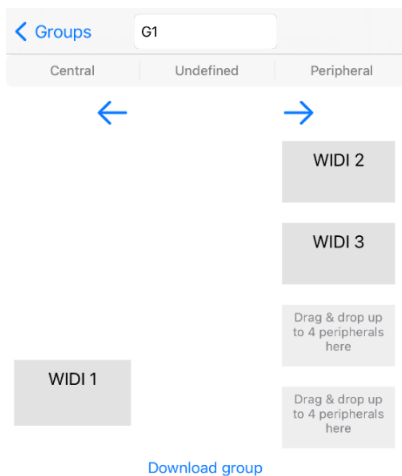
- Click [Group] in the lower right corner of the iOS App or open the sidebar menu through the menu icon in the upper left corner of the Android App and click [Group] to enter the group page, and then click [Add a new group] on the iOS App or click (+) plus icon on the Android App.

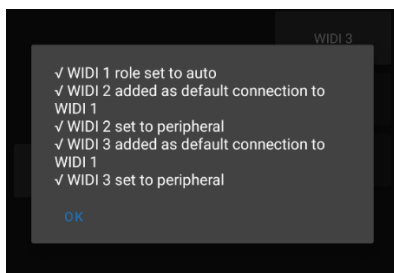
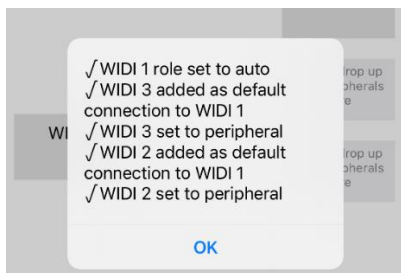


- Click [Group Name] at the top to name the group. After that, drag and drop the WIDI device icons in the middle of the screen, and place them on the left [Central] and the right [Peripheral].

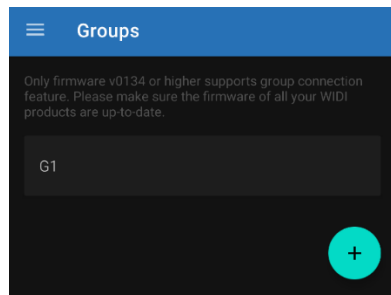
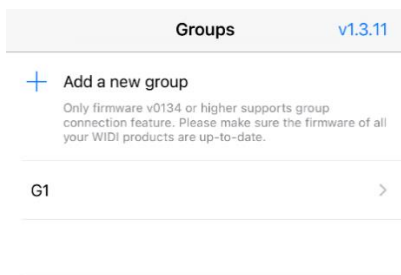


6. Click [Download Group]. Next the WIDI App will complete the settings and a confirmation prompt will pop up. Please note this can take a while before completely processed.





7. After completing the group settings, all WIDI devices will automatically restart and connect in the group according to the settings. The light blue (turquoise) LED light indicates the central, and the blue LED light indicates the peripheral. When all the LED lights change from slow flashing to light on constantly (or flashing fast, indicating that real-time MIDI messages are being sent), it means that the group connection is successful. The [Group] page of the WIDI App will display the name of the created group. Click the name to set it again or slide the name to the left to delete the created group.



# CONTACT

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