

Troubleshooting guide for Windows Setup Issues:

Most Common Cause: Missing Bonjour

rtpMIDI relies on Apple's Bonjour service to discover iOS devices on the network. This is the \#1 reason iPhones don't appear in the rtpMIDI participant list.

1. Download and install Bonjour for Windows from Apple's website (search "Bonjour Print Services for Windows")
2. Restart the PC after installing
3. Reopen rtpMIDI – the iPhone should now appear in the "Directory" panel

Network \& Connection Issues

- Both the iPhone and the Windows PC must be on the same WiFi network.
- Make sure the iPhone is not on 5GHz if the PC is on 2.4GHz (or vice versa)
 - they must be on the same band/SSID
 - Disable Private Wi-Fi Address on the iPhone:
Settings → Wi-Fi → tap the network → toggle off "Private Wi-Fi Address"
 - Check that Windows Firewall isn't blocking rtpMIDI (UDP ports 5004/5006)

Windows 11 Recent Update Breaking rtpMIDI

This is a fresh issue – as of February/March 2026, a Windows 11 update broke rtpMIDI for many users, causing it to not show up in DAWs at all.

The fix is:

1. Install Windows MIDI Services SDK Runtime and Tools (version 1.0.15 or later)
2. Create a loopback endpoint in that tool
3. Restart the MIDI service via Command Prompt (admin):

```
net stop midisrv  
net start midisrv
```

Enabling rtpMIDI in FL Studio

Even after a successful rtpMIDI connection, FL Studio needs to be told to use it:[^1]

1. Go to Options → MIDI Settings in FL Studio
2. Find the rtpMIDI port in the Input list
3. Click Enable on it (the button turns green)
4. Assign it a port number and hit OK

Step-by-Step Connection Flow

Once Bonjour is installed and both devices are on the same network:

1. Open MIDI Machine on iPhone and make sure it's broadcasting
2. Open rtpMIDI on Windows → click + to create a new Session → name it (e.g. "MIDI Machine")
3. In the Directory panel, the iPhone should appear – select it and click Connect
4. Status changes to "Connected" – then enable the port in FL Studio's MIDI Settings

If the iPhone still doesn't appear in the Directory after Bonjour is installed, try restarting the MIDI Machine app on the iPhone and toggling the WiFi connection off/on to force a Bonjour re-broadcast.