

IP Address Help

This document will describe how to successfully establish a printer connection to your iOS device for use with this application.

A. On this Print Settings screen:

You MUST set the IP Address to the **Printer's IP Address** as configured in (B) below.

B. Configure Printer:

1. PJ-673: As shipped from the factory:

- **IP Address** = **169.254.100.1**.
- **SSID** = PJ-673_<last 4 digits of S/N>
- **WEP Password** = **LAST 5 DIGITS** of the printer's Serial Number
- **Ad-Hoc** communication mode
- (Optional) These and other settings can be changed using the Windows-based "PJ-673 Utility".

2. All other models (RJ3, RJ4, TD2):

- **Option 1:** **Print the Printer's Internal Test Page** to determine the printer's SSID and current IP Address. Factory SSID = SETUP.
- **Option 2 (best):** Use the "Printer Setting Tool" on Windows or the printer's "Embedded Web Server" to configure the WIFI network. **Refer to your User Guide.**

Recommended Settings for Option 2:

- i. If "Wireless Direct" is available, select this mode (currently available for RJ3 models only).
- ii. For "Ad-Hoc" or "Infrastructure":
 - a. **TCP/IP settings:** specify a STATIC IP Address. With Infrastructure, this must be on same subnet as the router.
 - b. **Ad-Hoc SSID:** Enter a name such as "<Model>_<Last 4 digits of S/N>".
e.g. "RJ-4040_1234"
 - c. **Infrastructure SSID:** use the same name as the wireless router.

C. In “Settings->WiFi” on iOS Device:

1. Select the printer from the list of available devices, based on the **SSID** configured in (B).
2. For **Wireless Direct** connections: use the default settings. DO NOT set to STATIC.
3. For **Ad-Hoc** and **Infrastructure** connections:
 - a. Tap the icon on the right side of the selected device to display additional information about the network.
 - b. Set **AutoJoin** to **ON** (Ad-Hoc only)
 - c. Set **IP Address** mode to **STATIC**
 - Enter the IP Address and Subnet Mask to use for the iOS device when it is connected to the printer’s network.
 - The **IP Address MUST be DIFFERENT** from the Printer’s IP Address, but on the SAME Subnet.
 - **For example:** if printer’s IP Address is 169.254.100.1, then you could set the iOS Device’s Static IP to 169.254.100.2 and Subnet Mask to 255.255.0.0.
 - **NOTE:** If more than 1 iOS device will connect to the same printer, then be sure to set these static IP addresses to be different from each other and the printer.