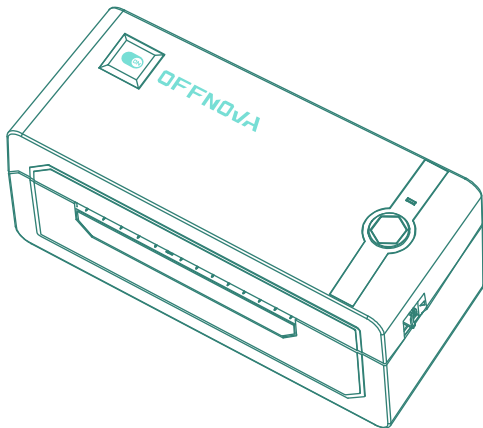




THERMAL LABEL PRINTER

User Manual

im·print



- Please read carefully before use

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(Only For Bluetooth Version)	

Do you have a question or concern?

Most issues can be resolved very quickly! OFFNOVA support is available by email. For setup videos, support and how-tos, please visit:

www.offnova.com



Highly Recommended: Watch the Quick Setup Video!

On the USB drive included with this printer, there is a shortcut with name "Get Started with OFFNOVA Printer". Follow the link to see the setup video.

We highly recommend that you watch it. It will guide you on how to set up the printer in a way that best suits your needs.

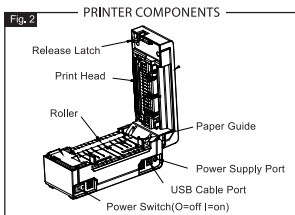
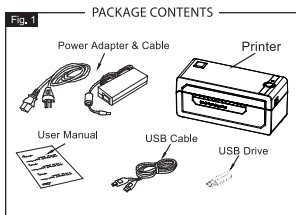
You can also watch video by entering this link in your browser:

www.offnova.com

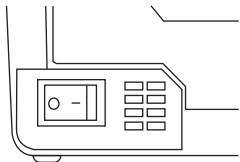
Congratulations! The OFFNOVA printer you have purchased is a high-efficiency thermal printer and does not require any ink or toner. Prints will be made by instantly heating compatible labels. Please take a moment to thoroughly review this user guide. Incorrect operation may result in damage or injury.

WARNING!

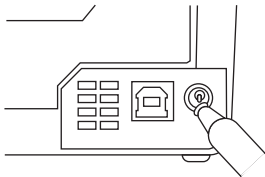
The Printer Head (PH) may be very hot. Do not touch internal parts of the thermal printer immediately after using the printer.



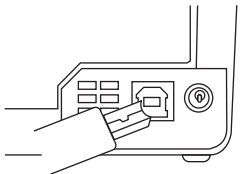
► Printer Setup



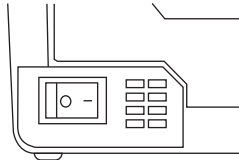
1. Ensure the printer is OFF.



2. Connect the power cable.



3. Connect the USB cable.



4. Turn the power ON.

► Windows Printing Setup

Please insert the **included USB Drive** into your computer.

A dialog box may appear.

If it does, select **open folder to view files**.

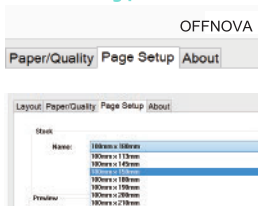
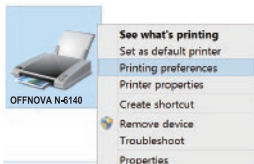
If a dialog box does not appear, open **Windows Explorer** and select the flash drive on the left side of the window.

Run "OFFNOVA Printer Driver Setup.exe", follow the installation steps.

You can also download the latest driver here: www.offnova.com

For Windows

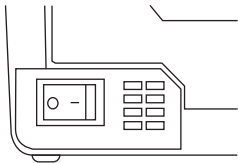
1. When installation finished, open your printer page by typing Control Panel into the search box on the taskbar. Click the Control Panel search result. In Control Panel, click **Hardware and Sound** then **Devices and Printers**. Right click on your newly installed **OFFNOVA Printer** and choose **Printing preferences**.
2. Go to the **Page Setup** tab on the top of the dialog box. you can change setting of printer, like **label size**, speed, darkness...
3. From the **Name** drop-down menu, select the size of your label.
A 4"x6" label is approximately 102x152mm. Click OK to save your settings and continue to Label Setup on the next page.



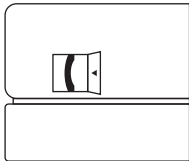
For Mac OS

For Mac OS laptop, please see "Mac OS Printing Setup" on page 10 of these instructions.

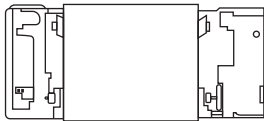
► Label Setup



1. Ensure the printer is OFF.

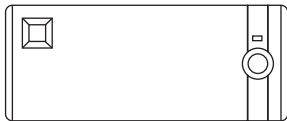


2. Pull the release latch to open the cover.



3. Load the labels.

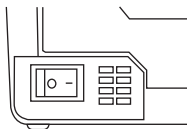
Make sure the green guides are touching the label sides.



4. Close the cover carefully.

The printable side of labels need to face up to the ceiling.

5. Turn the power **ON** and wait 5 seconds for the printer to initialize.



6. Press and hold **green feeder button** until you hear one short beep, take away your finger, the printer will begin automatic label identification. Once the printer stops, it will have identified your label size. **The next time you want to put labels into the printer, instead of opening the printer, you can simply feed labels into the back of the printer.**

► LED Light Indicator

Color or Status of LED Button	Explanation	Solution
Green	Printer is running normally	
Flashing Green	Printer Head is overheated	None. Printer will automatically resume once the printer head cools down
Flashing Red (every 2 seconds)	1. Out of label 2. Wrong size label	Ensure that the labels are loaded correctly. You may need to run automatic label identification.
Flashing Red (2 times per second)	Printer cover is not fully closed	Check that the printer cover is completely closed

► Printer Specs

Method	Thermal
Resolution	203 DPI (8 dots/mm)
Max Printing Speed	150mm/s or 200mm/s
Label Width	48-108 mm (1.57"-4.1")
Label Thickness	0.08-0.2 mm
Label Roll Diameter	100 mm
Supported Label	Continuous; Gap; Black Mark and Punched Hole
Power Adapter	DC 24V $\approx$ 2.0A
Printing Life	TPH 30 Km
Supported System	Windows/Mac OS 【Print via USB cable】 iOS/Android 【Print via Bluetooth】
Operating Environment	Temperature: -10 to 50°C Humidity: 10-90% (non condensing)
Storage Environment	Temperature: -40 to 80°C Humidity: 5-95% (non condensing)
Weight	1.9 kg
Dimensions	200(L) x 80(W) x 88(H) mm

► Maintenance & Tips

The printer head is a sensitive part of the printer and can be found on the upper part of the printer when open.

Caution: While the printer is running, the printer head can be very hot.

1. Ensure that the power switch is OFF, remove the power cord, and open the cover as outlined above in Label Setup. Wait several moments to ensure that the printer head cools down.
2. Completely clean the printer head using an alcohol swab. Any 70% Isopropyl Alcohol pad would work . **Please do not use water.**
3. Wait 2-3 minutes until the alcohol has completely dried, then close the cover.
4. Connect the power cord and print a test page to check if it is clean.

Professional Tips

- **Anytime you'd like to change your label size, run the automatic label identification by pressing and holding the feeder button until you hear one short beep.**
- Press the green feeder button on the printer to skip a blank label.
- To run a self-test, press and hold the feeder button until you hear two short beeps.
- Avoid using poor quality labels as they can damage the printer.
- Regularly clean the printer head as outlined above, under MAINTENANCE.
- If labels is jammed, turn off the printer, and allow the printer head to cool down. Open the cover and ensure that the rubber is clean. If it is dirty, use alcohol pad to clean it. Allow the area to dry before turning the printer back on.

- Insert the printer's USB cable into the USB port on your computer every time you plug it in. This will avoid creating duplicate copies of the printer on your computer.

Safety Tips

- The printer head can become very hot after printing labels. Do not touch the printer head until it has cooled.
- Do not bend the power cord excessively or place objects on the cord. This could result in fire or electrocution.
- Keep the printer out of reach of children.
- Use only approved accessories and do not try to disassemble or repair the unit by yourself.
- Keep the printer away from water and other objects that may destroy or damage the device.
- Printer should remain unplugged when not in use for long periods of time.

Warranty

All OFFNOVA products come with one year manufacturer warranty and a 30-day money back guarantee. The warranty period is 1 year from the date of the purchase unless otherwise stated.

Register and get extended warranty

<https://offnova.com/pages/register>

For any questions or suggestions, please email the OFFNOVA team at: **support@offnova.com** or visit **www.offnova.com** and click on support.

► Mac OS Printing Setup

Please insert the **included USB Drive** into your MacBook. A flash drive icon will usually appear on the desktop. If a dialog box does not appear, open Finder and select the flash drive on the left side of the taskbar.

You can also download the latest driver here:

<http://www.offnova.com>.

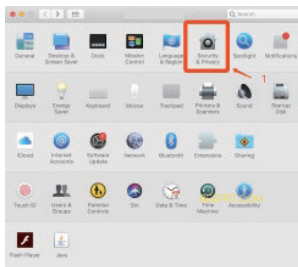
Let us start to install offnova printer driver on Mac OS now.

OFFNOVA Printer requires Mac OS X 10.9 or later.

1. Double click the download file "OFFNOVA Printer-Mac OS Driver-Latest.dmg" if you see a warning shown below. (if you don't see this warning, you can skip this step)



2. Open "System Preferences", and click on "Security & Privacy". (If you don't see the warning, you can skip this step)

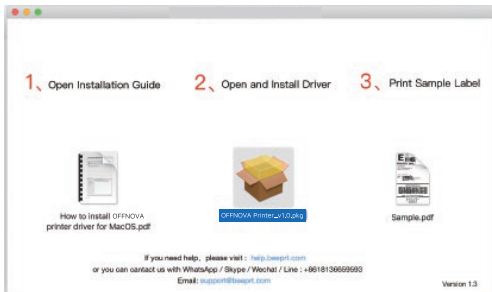


3. Click on "Open Anyway" button. (If you don't see the warning, you can skip this step)

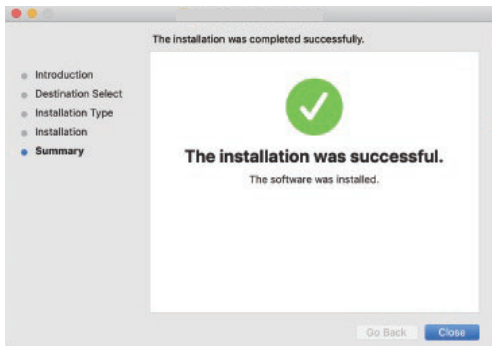


We highly recommended that you open installation guide pdf file firstly, so you can follow the steps.

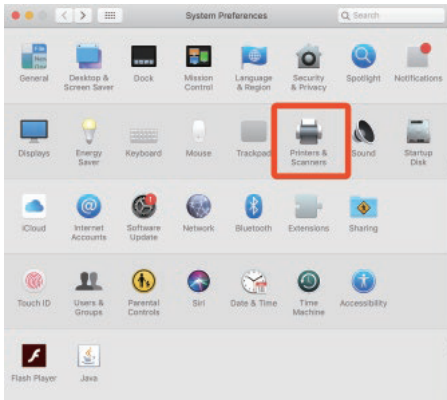
4. Double click "OFFNOVA Printer_v1.0.pkg" to begin to install driver.



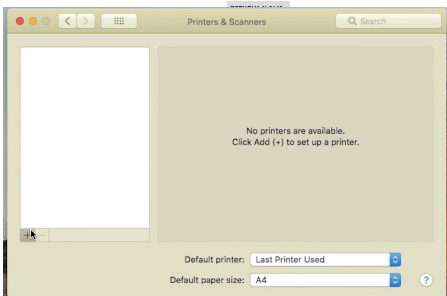
5. Follow the installation steps until you see " The installation was successful" window.



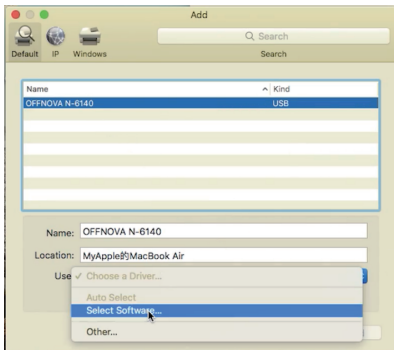
6. Open "System Preferences" and click on "Printers & Scanners".



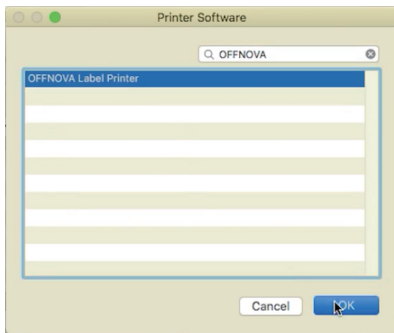
7. Click "+" to add a new printer.



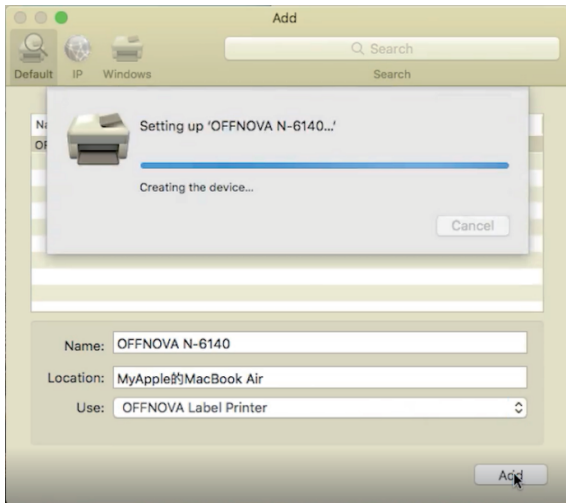
8. Click on "OFFNOVA N-6140" (or other model of OFFNOVA). and choose "Select Software" in the drop down menu.



9. Input "OFFNOVA" to search and choose. then click "OK".



10. Click on "Add" to finish. (if you see a warning windows, click "repair" to continue)

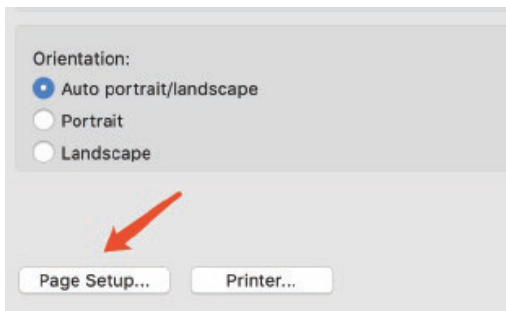


Setting The Label Size

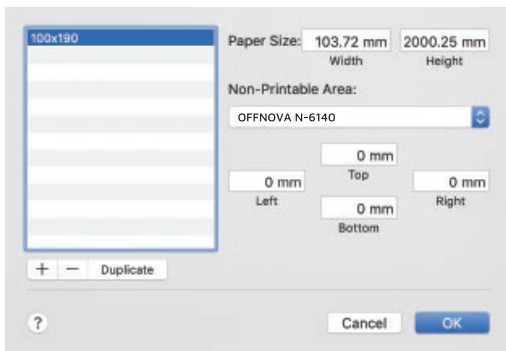
Open a PDF file in Adobe Reader (the recommended program is Adobe Acrobat Reader DC).

On the top menu, select file and then select Print.

In the Print window, click Page Setup, and choose OFFNOVA Printer, and select the Paper Size to match your label size. A 4"x 6" label is approximately 102x152mm.



To define a new label size, choose "Manage Custom Sizes" in the Paper Size dropdown menu. Click "+" to add a size, set the size, and click OK to save.

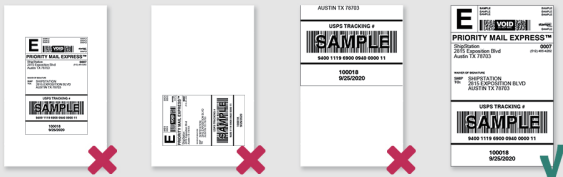


Darkness & Speed Settings (Advanced)

In the Print window, click Printer then select Printer Features. You will then be able to change the printer settings. You can also visit <http://www.offnova.com> to see how to change settings of printer on Mac OS, Windows and other platforms.

Here's An Important Tip!

DO YOU PRINT SIDEWAYS, SMALL OR BLANK LABELS?



1. Please check if the size of loaded thermal labels, label files, and settings on the computer is the same.

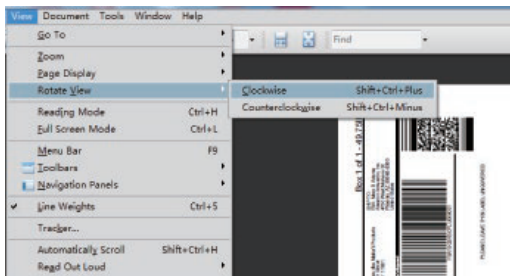
2. Please long press and hold the green feeder button until it beeps one time to identify and calibrate your label sizes each time you change labels.

Do You Have Two Labels On A Page Like This Size (8.5 x 11 inch)? If you do, you can follow the steps:

WILLIAM J. CLAMM (AZ) AMBREP 414 WEST WILSON STREET CUMMINGSVILLE, NC 28035	50 LBS	1001
SHIP TO: AMAZON.COM AZDC, INC. 4100 WEST BURNAGE ST PHOENIX AZ 85043-8305		
		
AZ 856 7-20 		
UPS GROUND T 14A, 25 MC, 6: 72, 88: 134 AS 84 9 4:49		
		
51 LB 05 OZ		

FBA 241 N. 5th St. 400 West Pecos St. Phoenix, AZ 85013	Box 1 of 1 - 49.75 lb 241 N. 5th St. 400 West Pecos St. Phoenix, AZ 85013
	
1 LB 13.00 OZ 13.00 LBS	9 EAST 17000 TRL 6.571 UNCD 0.000

1. Open the PDF in Adobe Reader
2. From the top panel, select View > Rotate View > Clockwise so that the labels are side by side.



3. Next, from the top panel, select Edit > Take a Snapshot. Then click and drag over one of the labels.



Click Print and Make sure that:

- You select the Label Printer from the Printer menu.
- “Shrink oversized pages” is selected.
- “Choose paper source by PDF page size” is unchecked.
- “Auto portrait / landscape” is selected.

Go to Page Setup ..and ensure that your page size of your label. A 4"x6" label is approximately 102x152mm.

Happy Printing!

► Bluetooth Function

(Only For Bluetooth Version)

For Windows

1. Open bluetooth device settings, scan and select name "OFFNOVA N-6140_XXXX" to pair, input PIN code: 0000 ("N-6140_XXXX_LE" is BLE mode)

Manage Bluetooth devices

Your PC is searching for and can be discovered by Bluetooth devices.

• • • •

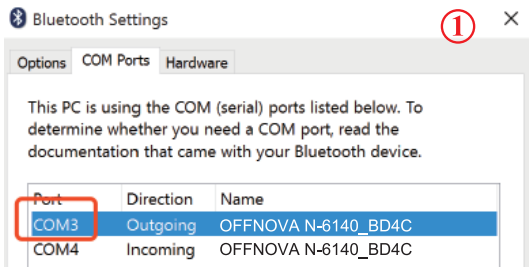


OFFNOVA N-6140_DB4C

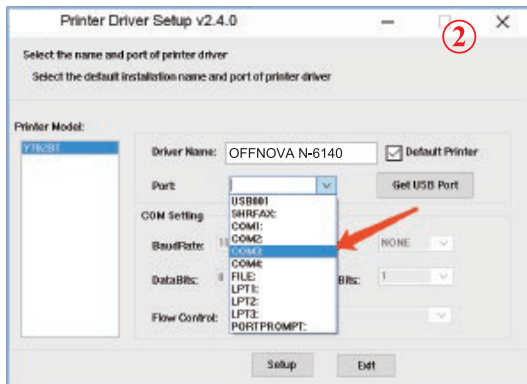
Ready to pair

Pair

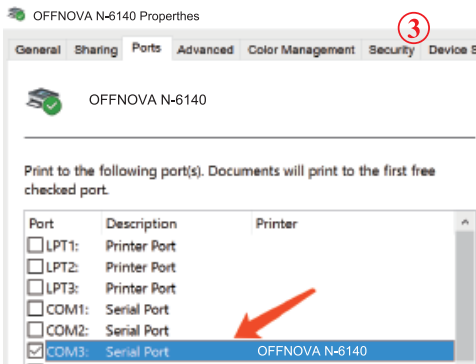
2. If you connect bluetooth in Windows system, you need check COM port after pairing (Fig.I)



3. Run driver setup program and select this COMx to setup.



4. Open “Ports” in driver properties, check this COM port is correct(Fig.3).

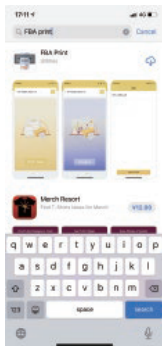


For iOS & Android

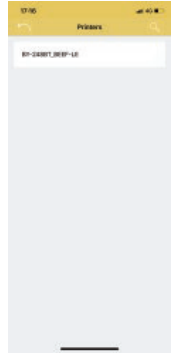
1. Please search and download “FBA Print” on App Store or Google Play.

Note:

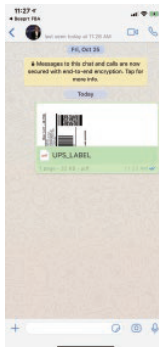
After Android 6.0, to scan for low-power Bluetooth devices, APP need to have permission to access the device's location. However, the APP will not use your location information, turning on this permission is only to scan for Bluetooth devices.



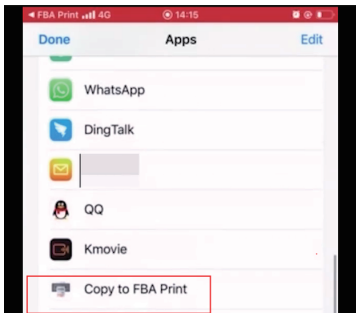
2. Run the app and connect Bluetooth to pair, input PIN code: 0000 ("N-6140_XXXX_LE" is BLE mode)



3. Send PDF file to mobile social software, such as WhatsApp, then open this file.



4. Select copy to "FBA Print", then you can print it. (only on iOS)



5. First use of "FBA Print", Click "More" and add "FBA Print". (only on iOS)





Office life is not necessarily boring