# **User's Manual**



# **Monochrome Multifunction Laser Printer**

P2000s series, P2020s series P2023s Series



- Thanks for choosing Deli products.
- Sincere thanks to you for using Deli products!
- Please refer to the actual product for its appearance (the appearance between different models of P2000s, P2020s, P2023s series may vary).
- Please carefully read the following statement to protect your immediate rights and interests.
- For more help, please log in: www.nbdeli.com

### Introduction to the functions of each model of the product (table for

### function comparison of different models)

Functions Model	Automatic duplex printing	Mobile print	Wireless network connection	Ethernet connection	USB connection
P2000DNWs	•	•	•	•	•
P2000Ds	•		_	_	•
P2000s					•
P2020Ws	_	•	•	_	•
P2023DWs	•	•	•	_	•
P2023Ws		•	•		•

• "•" indicates supported, and "---" indicates not supported.

• The product series is subject to addition or change without further notice.

• The product pictures in this manual are all based on the P2000DNWs. The appearances may vary depending on the model.

\* Print on A4 paper according to ISO/IEC 19752 standard.

#### On the recycling of waste machines and consumables

Deli Group Co., Ltd. is a socially responsible enterprise. In order to promote green environmental protection and contribute to sustainable development, the printing device and consumables produced by Deli that you purchased can be disposed of free of charge by the Company. The details are as follows:

1. The user can call the national service hotline of Deli Group 400-185-0555 to register and confirm, and then deliver or send these waste to the nearest branch or service center of Deli Group according to the address provided by the service hotline. According to the principle of shared responsibility, the freight and other related expenses incurred in this process shall be borne by the users themselves.

2. Each branch of Deli Group will return the recycled waste to the group service center which will hand the waste over to a nationally recognized recycling unit for professional recycling and treatment in accordance with relevant laws and regulations of the National Environmental Protection Law. The shipping and recycling costs incurred in this process will be borne by Deli Group Co., Ltd.

#### About provision of consumables

After the production of the printer stops, consumables (toner cartridge, etc.) will be provided for another 5 years.

#### Suggestions for product placement

It is recommended to place this product in a relatively ventilated and independent area.

#### Suggestions for using recycled paper

To save resources and promote green environmental protection, users can also use high-quality recycled paper.

# Contents

Introduction	1
Precautions and safety	1
About this manual	1
General safety information	1
Installation location	2
Electrical safety	2
Warranty	3
Toner cartridge	3
Maintenance	4
Laser safety	4
Radio interference	4
WARNING	5
Overview	5
Front view of the printer	5
Front view of the printer	6
Control panel	6
LED indicator status	6
Button	6
Meanings of LED working status and error indicators	7
Initial Use	8
1. Unpack the printer	8
2. Install toner cartridge	8
3. Load paper into the paper tray	9
4. Turn on the power	10
First setup	11
Install the printer driver	11
Connecting device	11
USB connection	11
Print medium	23
Specifications of print medium	23
Load paper into the paper tray	23
Print settings	24
Layout	24
Paper/Quality	25
Extended function	25
Advanced settings	26
Web interface	27
Confirm IP address	27
Access Web interface	27
I. Device status	28
II. Device configuration	
III. Network	29
	30
V. Firmware updates	30
VI. Login Password	31
Replace toner cartridge	32

Troubleshooting	35
LCD information and LED status	
Paper jam handling	40
Remove jammed paper in the paper tray.	41
Remove the jammed paper in the device	41
Remove the jammed paper in the rear part (fuser unit) of the device	42
Improve print quality	43
Appendix	49
Material Safety Data Sheet (MSDS)	49
Product specifications	49

### Precautions and safety

Before operating this device, please carefully read the following instructions and refer to them as needed to ensure the continuous and safe operation of the device.

The design and testing of Deli printers and printing consumables strictly meet safety requirements, including evaluation and certification by safety agencies, and comply with electromagnetic regulations and established environmental standards.

The safety and environmental testing as well as performance of this device have only been verified using materials printed by Deli.

Warning: Unauthorized modifications, including adding new features or connecting external devices, may affect the normal use of the product. For more information, please contact the Deli Service Center.

Special declaration:

- This manual takes P2000DNWs as an example to explain, and the products you purchased may have different features.
- Product information is subject to change without prior notice.
- For more product information, please visit the official website of Deli: www.nbdeli.com
- Please make sure to read the "Product Safety Manual" thoroughly before reading the "User Manual".
- Deli is not liable for any losses caused by failure to follow the instructions in the "Product Safety Manual".

### About this manual

Please read this user manual carefully. Please follow all safety instructions to ensure the normal operation of the device. The manufacturer shall not be liable for the consequences of non-compliance with these instructions.

Signs used in this user manual

Signs	Description
	This sign is used to remind users that improper use of this product may pose a fatal threat or serious injury.
	This sign indicates high temperature. When this sign is present, be wary of the danger of hot surfaces.
	This sign indicates that touch is prohibited, and when this sign appears, touch is strictly prohibited.
▲ Caution	This sign indicates that the user should be more cautious in the operation. Improper operations may cause device damage or data missing.
▲ Note	This sign represents an explanation and helps users use this device more effectively and conveniently.

### **General safety information**

Deli reserves the right to make changes to the product from time to time.

The plastic packaging bags of this device and its accessories are not toys. Keep such things out of the reach of children to prevent suffocation hazards.

If users with a pacemaker notice any abnormalities in the pacemaker when approaching this device, immediately stay away from the device and seek medical attention.

If it is not possible to operate this device properly as instructed, please follow the relevant contents in the Instructions. Improper operation may cause device damage or expand the scope of damage.

Nothing in this manual shall affect the warranty terms of the device, nor shall any additional warranty terms be added.

Failure to follow the safety instructions in this manual may invalidate the product warranty terms.

If this device is used in a country or region other than that where the product was purchased, it may result in its inability to function properly.

Do not remove or damage any warning labels on the surface or inside the device.

### Installation location

Please place this device on a stable horizontal table or cabinet. Do not place this device in a movable table, cabinet, or cart, as falling of the device may cause damage to the device or personal injury; especially for places of children activities, please ensure that the device is placed in a safe location.

Do not place this device in a location with high traffic, especially narrow passages or similar locations, to avoid accidental collision or falling of the device, which may cause device damage or personal injury.

If the device is dropped, please immediately disconnect the power supply and unplug the power cable of the product, and contact an authorized Deli maintenance station for inspection or repair by professional maintenance personnel.

Please properly arrange the power cord and other cables connected to this device to ensure that they do not trip anyone, otherwise it may cause personal injury or device falling damage.

Please place this device indoors with an ambient temperature of 10 °C~32 °C, a humidity of 20% -80%, and no condensation.

The normal working environment temperature of this device is 10 °C~32 °C, and the humidity is 30% -70%. Do not place the device in any of the following environment, as it may cause the device to malfunction or damage, or even cause a fire.

• Direct sunlight, excessive temperature, proximity to open flame or heat sources, sudden temperature changes;

• Near water sources (including condensation water that may be generated by air conditioners, refrigerators, or fans), or humid environment;

• Dust, corrosive gases, or environments near chemicals.

Please place the device in a well-ventilated indoor environment and ensure that there is enough space around the device (as shown in the figure below).



Please ensure that sufficient space is reserved to open the machine cover and paper tray.

Do not block or cover any part of the device, especially the ventilation openings, as it may hinder ventilation, cause damage to the device, or even cause a fire.

Do not place the device in a closed cabinet, as it may overheat or even catch fire.

Do not place this device on soft surfaces such as tablecloths or carpets, as this may cause the device to overheat or catch fire.

Do not stack or place any items on this device, and do not insert any items into the gaps of the device casing.

### **Electrical safety**

Please ensure that this device is connected to a grounded AC power source within the rated voltage range as indicated on the label. If unsure, contact a professional electrician. The use of mismatched AC power sources may

cause device damage, fire, or personal injury.

Please use the power connection cable provided with the machine to connect to the wall power outlet and the power interface of this device.

Do not use third-party power cables, as this may cause fire or personal injury.

Please ensure that the power socket on the wall is installed by a professional electrician and well grounded. Do not modify the power cord plug arbitrarily, otherwise it may cause device damage or fire.

The extension cord socket (if any) used shall meet the requirements of the latest national standards.

Before removing the power plug from the AC power socket, turn off the device by using the power switch on the device panel.

Never connect this device to the power socket controlled by automatic timer, or share the same circuit with high-power appliances such as air conditioner, copier, microwave oven, induction cooking, or it may lead to circuit overload, or even fire.

For plugging and unplugging the power cord, the plug instead of the power cord should be firmly held.

Do not plug or unplug the power cord with wet hands, otherwise it may cause electric shock.

Do not overstretch the power cord, do not step on it, and do not use a damaged power cord, otherwise it may cause a fire.

Do not use this device in thunderstorm weather.

If any of the following situations occur, please immediately turn off the device and disconnect the AC power supply, and call the Deli service hotline.

- This device emits odor or abnormal noise
- · Worn AC power plug or connection wire
- Tripping of circuit breakers or fuses on the circuit, etc.
- Any component of this device is damaged.
- This device has been infiltrated by water.

In any of the following cases, immediately unplug the power cable plug and contact Deli maintenance station to have the device handled by Deli professional maintenance personnel.

- This device has been exposed to liquid leakage.
- This device has been exposed to rain or water ingress.
- This device has abnormal heat, smoke, abnormal noise, and abnormal pungent odor, etc.

### Warranty

This device does not have any component that users can repair. Do not attempt to disassemble or repair the device on your own, as this may result in hazards such as electric shock. Device damage caused by self-disassembly or self-repair of the device is not covered by the warranty.

Please use Deli genuine toner cartridge. The use of non-Deli genuine toner cartridges may cause device damage that is not covered by the warranty.

If this device malfunctions, please call the Deli service hotline; if necessary, please entrust this device to the authorized repair station for professional maintenance personnel to repair.

### **Toner cartridge**

Please place the toner cartridge in a flat and stable place when replacing the toner cartridge, in order to prevent it from falling, otherwise, it may cause toner leakage.

Do not open or disassemble the toner cartridge as the toner cartridge has no components that users can maintain on their own!

Opening or disassembling the toner cartridge without permission may cause toner leakage!

Please clean the leaked toner by using a soft dry cloth or tissue.

Do not use hot water to remove the leaked toner, as this may cause toner to condense.

Do not use a vacuum cleaner to remove the leaked toner, as this may result in toner splashing or internal fire inside the vacuum cleaner!

If you inhale or ingest toner, seek medical attention immediately! If your skin comes into contact with toner, immediately remove clothing contaminated with toner and rinse the skin with plenty of water. If the toner enters the

eyes, immediately wash with plenty of water for at least 15 minutes and seek medical attention immediately! Do not place the toner cartridge in a place that is accessible to children, whether it is new or used.

It is recommended to put the used toner cartridge into a plastic bag and dispose of it properly in accordance with relevant laws and regulations.

Do not throw the toner cartridge into a fire as it may cause an explosion!

### Maintenance

Please be sure to unplug the power cord before cleaning and maintaining the product.

Please clean the exterior or interior of the device with soft dry cloth or tissue.

Do not use any liquid, spray or detergent of any type to clean the exterior or interior of the device, otherwise fire or electric shock may be caused.

Some parts inside the device may experience extremely high temperatures during or after use. Please wait for at least 10 minutes until the device has completely cooled down before touching the parts inside it.

### Laser safety

This device is a laser device of Class 1 that complies with the laser radiation standard IEC 60825-1:2014. The label shown in the following figure is on the product nameplate.



Semiconductor laser specifications

· Laser wavelength: 770-800nm

Maximum power: 12mW

This device uses laser. Due to the potential damage to eyes, only the qualified maintenance personnel can remove the cover or repair this device.

Note: Implementing controls, adjustments or procedures beyond the scope of this document may result in hazardous radiation exposure.

### Ozonide

This product does not produce significant ozone gas  $(O_3)$ . It relies on printing volume and is heavier than air. Please install the printer in a sufficiently ventilated room.

### **Radio interference**

The device complies with the standard GB/T9254.1-2021 Class B. The main technical parameters and indicators of the device are as follows: Operation frequency: 2.4-2.4835GHz Transmission power:  $\leq$  20dBm (EIRP) Occupied bandwidth: ≤40MHz ≤3MHz Frequency tolerance: ≤20ppm Stray emission limit:  $\leq$  -30dBm Modulation method: BPSK/QPSK/16QAM/64QAM/DBPSK/DQPSK/CCKGFSK π/4-DQPSK 8DPSK Note: In order to operate this device near industrial, scientific, and medical (ISM) equipment, it may be necessary to limit the external radiation of the ISM equipment or take special mitigation measures. Never change the transmission frequency or increase the transmission power (including additional installation of RF power amplifiers) without authorization, and never connect antennas or switch to other transmission antennas without authorization. Do not cause harmful interference to various legitimate radio communication services during use. Once interference is found, measures should be taken to eliminate the interference before use. The use of power radio equipment must withstand interference from various radio services or radiation interference from industrial, scientific, and medical application equipment.

Do not use near airplanes and airports.

### WARNING

This symbol indicates that the product should not be discarded together with other wastes. A more appropriate approach is to send waste device to designated collection points for recycling and reuse of electrical and electronic parts.
 This product is suitable for indoor use, not for outdoor use.
 It is only suitable for safe use in non-tropical climate conditions.
 Only suitable for safe use in areas with an altitude of 2000m and below
 Risk of heat sources: this symbol in this user manual or device indicates the danger of hot surfaces. The improper operation may result in personal injury or damage.
 Danger: This sign indicates a warning of danger to humans, as improper operation may result in personal injury or damage.
 Never touch: This sign provides a warning of danger to humans. The improper operation may result in personal injury or damage.
 This product fully meets the requirements of the Chinese electronic industry standard SJ/T11364-2014.

Name and content of toxic and harmful substances or elements in the device

	Harmful Substances					
Part name	Pb	Hg	Cd	Hexavalent aluminum (Cr(VI))	Polybrominated Biphenyls (PBB)	Polybrominated diphenyl ether (PBDE)
Printer core	Х	0	0	0	0	0
Plastic case	0	0	0	0	0	0
Circuit board	Х	0	0	0	0	0
Toner cartridge	0	0	0	0	0	0
Power cord assembly	0	0	0	0	0	0

Remarks:

This table is prepared in accordance with the provisions of SJ/T11364-2014

1. O: Indicates that the content of the harmful substance in all homogeneous materials of the component is below the limit requirement specified in GB/T 26572 standard.

2. ×: Indicates that the content of the harmful substance in at least one homogeneous material of the component exceeds the limit requirements specified in GB/T 26572.

3. All components marked "x" in the table comply with the EU ROHS regulations, and their content cannot be completely eliminated under existing technical conditions.

4. The reference identification for the environmentally friendly usage period depends on the temperature and humidity conditions under which the product operates normally.

# Overview

# Front view of the printer

- 1. Print output port
- 2. Paper stop of output tray
- 3. Front cover
- 4. Paper tray
- 5. Control panel
- 6. Toner cartridge





### Front view of the printer

- 1. USB port
- 2. Wired network port
- 3. Rear cover
- 4. Power interface

# **Control panel**

- 1 Network
- 2 Ocancel
- 3 Start/Power

#### ▲ Note

It is only applicable to P2000DNWs, the images are for reference only. Actual product may vary.

# LED indicator status

Retwork indicator - displays the network connection status of the device.

Function key indicator - displays the working status and error status of the device.

#### ▲ Note

In the next page, you can find the meanings of various indicators in "Meanings of LED working status and error indicators". Also note the prompts of printer assistant on the computer.

### **Button**

#### ▲ Note

The function performed when pressing this button may vary according to the status of the device.

Icon	Key function (short press)	Key function (long press)
(Network key)		Reset network
(Cancel key)	Cancel	Ready state: Print the configuration report.
(Start/Power key)	Off state: Power on; After clearing the fault, resume the task	Shutdown (ready, faulty, working state)
(Cancel key) + (Start/Power key)	Cleaning mode	Restore factory setting



### Meanings of LED working status and error indicators



#### LED lighting mode

Flashing 1	Fast flashing
Flashing 2	On 1S 🗭 Off 5S
Flashing 3	Slow flashing

#### ▲ Note

Fast flashing: 0.5s Flashing frequency: 0.5s.

Slow flashing: 1s Flashing frequency: 1s.

Paper key indicator: This indicator only lights up when the key is pressed and the LCD displays selection of paper specifications. It remains off in all other times.

LED status	Operating status	Meaning or reason
Green	Flashing 1	During the startup and firmware upgrade process.
Green	Always on	Idle state, normal key operation.
Green	Flashing 2	Sleep state
Green	Flashing 3	During the printing process.
Red	Flashing 3	Paper jam, no paper, no toner cartridge, and other error states.
<sup></sup> <sup> </sup> <sup> </sup> <sup> </sup> <sup> </sup> White	Always on	The device is connected to the network through wireless network and Ethernet

# **Initial Use**

### 1. Unpack the printer



If any part is missing or damaged, please contact our dealer or customer service personnel at the Service Center. (1) Printer

- (2) Supplied toner cartridge (pre-installed)
- (3) Product safety manual, Quick start guide, Warranty card.
- (4) Power cord
- (5) USB cable



### 2. Install toner cartridge

A. Open the front cover, remove the toner cartridge and shake it 5 to 6 times in each direction(front, back, left, right) to shake up the toner for improving the printing quality.



B. Pull out the sealing strip

Pull out and remove the sealing tape completely in the direction of the arrow at a steady speed. To avoid staining your hands with toner, do not touch any area other than the area indicated by the green arrow when pulling out the sealing tape.

Please do not shake the toner cartridge after removing the protective strip. Otherwise, the toner could be released into the air.



C. Remove the adhesive tape and protective paper Do not touch the photosensitive drum of the toner cartridge with your hands, as it may affect the printing quality. Please avoid placing the toner cartridge in an upright position, as it may potentially affect the printing quality or the performance of the printer.



D. Install the toner cartridge and close the front cover



Caution

If the front cover cannot be closed, it indicates that the toner cartridge is not installed correctly.

### 3. Load paper into the paper tray.

A. Fully spread the stacked paper to avoid paper sticking.





B. Adjust the paper width baffle.



C. Load the paper into the paper tray, with the paper height below the indication line.



D. Load the paper tray into the device



### 4. Turn on the power

Before disconnecting the AC power plug from the AC power outlet, please switch on the device using the power switch located at the control panel of the device.



### Install the printer driver

#### • System requirements

Windows <sup>®</sup> 7 (64/32-bit)	Windows <sup>®</sup> 8.1 (64/32-bit)	Windows <sup>®</sup> 10 (64/32-bit)
Windows <sup>®</sup> 11 Windows Server 2019	Windows Server 2012 Windows Server 2022	Windows Server 2016

- You can log into the following website to download and install the printer driver <u>deli123.com</u>
- Follow the screen prompts to install
- 1. Locate and double-click the "Setup" icon.
- 2. Click "Install" to proceed to the next step.
- 3. After carefully reading the user agreement, click "Agree" to proceed to the next step.
- 4. Click "Continue" to complete the installation and start to connect the printer.

### **Connecting device**

#### ▲ Note

If you choose [Wired Connection] or [USB Connection], make sure that the network cable or USB cable is now connected to the device. When selecting [Wireless Connection] or [Wired Connection], your personal computer must be connected to the local area network in advance (connected to the same local area network as the printer). You cannot use both wireless and wired connections simultaneously, the printer will prioritize wired connections. If you wish to use a wireless connection, please ensure that the network cable is not plugged in. If [Wired Connection] or [Wireless Connection] is selected, (network) indicator will light up when a wireless access point/router connection is established.





#### ▲ Note

When the computer is connected to the printer via USB, the printer assistant installed in the computer will automatically install the printer driver.

# • When the [Deli printing assistant ] is not installed on your computer

1. Double-click the Deli printer driver downloader or Deli printer driver installation package.

#### ▲ Note

Your computer needs to be connected to the network at this time if the "Deli printer driver downloader" is downloaded.

You need to download the Deli printer driver installation package online when double-clicking on the Deli printer driver downloader. After the download is completed, the installation interface will automatically open.

2. Check the checkbox after carefully reading the User Agreement.



3. Click Install, and the [Deli printing assistant] will automatically search for printers.



#### ▲ Note

It is recommended to plug and remove the USB data cable again if the printer is not found. Click the Refresh button to search for the printer again after plugging and removing the USB data cable again.

4. Select the printer you want to add from the searched printer list and click Next.



5. Wait for the printer to be successfully installed.



### • When the [Deli printing assistant ] is already installed on your computer

1. The [Deli printing assistant] will automatically recognize and add the printer.

#### ▲ Note

It is recommended to plug and remove the USB data cable again if the printer is not recognized.

#### To add a network printer





If you choose a network connection, please ensure that your computer is currently connected to the network.

#### When the [Deli printing assistant] is not installed on your computer Scenario 1: If your printer is connected to the network which is the same one as your computer is connected

1. Double-click on the Deli printer driver downloader or Deli printer driver installation package.

#### ▲ Note

Your computer needs to be connected to the network at this time if the "Deli printer driver downloader" is downloaded.

You need to download the Deli printer driver installation package online when double-clicking on the Deli printer driver downloader. After the download is completed, the installation interface will automatically open.

2. Select the checkbox after carefully reading the user agreement.



3. Click Install, and the [Deli printing assistant] will automatically search for printers.



#### ▲ Note

[ Deli printing assistant ] will search for printers on the same network as the computer by default. For different search methods, please refer to Web Search Methods.

4. Select the printer you want to add from the searched printer list and click Next.



5. Wait for the printer to be successfully installed.



Scenario 2: If your printer is not connected to the network or is connected to the network which is not the

#### same one as your computer is connected

1. Double-click the Deli printer driver downloader or Deli printer driver installation package.

#### ▲ Note

Your computer needs to be connected to the network at this time if the "Deli printer driver downloader" is downloaded.

You need to download the Deli printer driver installation package online when double-clicking on the Deli printer driver downloader. After the download is completed, the installation interface will automatically open.

2. Check the checkbox after carefully reading the User Agreement.



3. Click Install, and the [Deli printing assistant] will automatically search for printers.



#### ▲ Note

[Deli printing assistant] will search for printers on the same network as the computer by default. For different search methods, please refer to Web Search Methods.

Because your printer is not connected to the network or is connected to a network different from the one your computer is connected to, the [Deli printing assistant] cannot automatically detect the printer.

4. Select "USB network configuration" or "Wired network connection" to configure the printer's distribution network.

<	- × 未发现设备 c
	请检查:
	1.设备是否接通电源并开机
	2.设备是否与电脑连接到同一网络或设备是否与电脑通过US8线连接
	3.您可以通过以下方式连接打印机
	Use造接 Use說阿 有线网络运接
◎ 高级选项	

#### Method 1: USB connection

① Select the same Wi-Fi as the computer, enter the password, and then click Next.

请确保打印机与电脑处在同一家	网络(仅支持2.4G无线网络)
网络:	e
wifitest2g	
<b>密码</b> :	
******	1

#### ▲ Note

The printer only supports connecting to 2.4G Wi-Fi.

(2) After the printer is successfully connected, the [Deli printing assistant] will automatically search for printers again.



③ Select the printer you want to add from the searched printer list and click Next.



(4) Wait for the printer to be successfully installed.



#### Method 2: Wired network connection

(1) A pop-up window prompts the wired network connection mode. Click < to return to the interface of No Device Found, then click Search Again to return to the interface of Searching Printer.



(2) In the Discover Device interface, click "My Device Not Found" and select Wired Network Connection.

③ Wait for the printer to be successfully installed.



• When the [Deli printing assistant] is already installed on your computer

- 1. Open the [Deli printing assistant] .
- 2. Click "Add printer".

			= - >
() within		名称: Deli M1120W-488008(W	章君/切换
		当前状态: 空间中	
		打印任务: 0	
	-	隊粉余服:	95%
TOASO		TERNOT	加支持
	-		?

3. The [Deli printing assistant] will automatically search for printers.

搜索打印机	- ×
正在搜索	

4. For the subsequent addition process, please refer to "When [Deli printing assistant] is not installed on your computer".

#### Network search mode

Automatically search for printers (default search method)

[Deli printing assistant] will search for printers on the same network as the computer by default. 1. Open the [Deli printer assistant], and click "Add printer".

		= - ;
C and the set	名称: Deli M1120W-488008(W	查看/切换
	当前状态: 空间中	
-	打印任务: 0	
-	膜粉余量:	95%
_		
打印机物理		)和支持 ?

2. [Deli printing assistant] will search for printers on the same network as the computer by default.



If your printer is not searched:

- Please ensure that the printer is connected to the network.
- Please ensure that the printer and computer are on the same network.
- Or click the refresh icon on the current page.
- 3. Select the printer you want to add from the searched printer list and click Next.

	搜索打印机 c	
NET O		
Deli M1120W-488008		
5		

#### Set the network segments for searching

The printer assistant will search for printers within the set network segment range.

1. If you cannot find the printer you want through automatic search, you can try using the Set Search Network Segment function.

2. Click Advanced Options and select Set Search Network Segment.

<		搜索打印机	c	- ×
NET				
Deli M1120W	-488008			
	2 设置搜索网段			
	□ 设置指定IP			
① 主投型(目前)(0 m)	A #18:315			7-5

3. Click Next after entering the network segment range.

<	设置搜索网段	- ×
	网段起始地址	
	网段结束地址 192.168.1.255	
		T-#

4. [Deli printing assistant] will search based on the network segment range just set.



5. Select the printer you want to add from the searched printer list and click Next.



#### Set a specific IP

The printer assistant will search for printers with the set IP address.

- 1. If you cannot find the printer you want though automatic search, you can try using the Set Specific IP function.
- 2. Click Advanced Options and select Set Specific IP.



3. Click Next after entering the IP address.



4. [Deli printing assistant] will search based on the IP address just set.



5. Select the printer you want to add from the searched printer list and click Next.



### Print medium

# Specifications of print medium

You can put regular printing paper or preprint paper into the paper tray.

Paper tray	
Paper size	Executive, A4, A5, B5(JIS), B6(JIS), B5(ISO), B6(ISO) ,32K, 16(184x260), 16K(195x270), 16K(197x273)
Paper thickness	65-100g/m <sup>2</sup>
Paper capacity	150 sheets(70g/m²)

#### Caution

Unsuitable paper

Do not load the following kinds of papers into the paper tray.

- The paper that is wet, redacted with correction fluid, stained, or coated.
- The paper that is stapled, or adhered with adhesive tape or glue.
- Paper attached with post-it notes.
- Paper that is creased, wrinkled, or torn.
- Curled paper.

▲ Note

Curled paper

• If the paper is curled, please flatten it before use. Paper with a curl of more than 2mm may jam the device. Store paper.

• When storing paper, please avoid high temperature, humidity, or direct sunlight. Please keep the paper level in placement.

### Load paper into the paper tray.

Please refer to "Load paper into the paper tray" on page 10



2mm or above

Bending degree

# **Print settings**

#### Printing preferences

### Layout

Direction:

It is used to change the page direction.

#### Manual double-sided printing

The user can choose [Duplex Printing] to use the double-sided printing function. You may choose between long side flip or short side flip.

布局	纸张/质量	扩展功能					
方向(	(O):						
A :	纵向		~				
双面	打印(B):						
4	无		v				
页序(	(R):				=		
从前	向后		~		_		
	氧格式 每张纸打印的 手册(K) 绘制边框(W)	页数(! 1	×				
							竈级(V)
				确定		取消	应用(A)



Supported paper size: A4 Supported print quality: text, text & photo.

Page order:

When printing a multi-page document, set the page order as "from front to back", and the output page order as 1, 2, 3.....

Set the page order as "from back to front", and output page order as ..... 3, 2, 1.

Page format:

Number of papers printed per sheet: Multi-page document can be printed on 1 sheet, and the number of pages printed per sheet can be set as: 1, 2, 4, 6, 9, 16.

Manual: you may print a multi-page document as a manual.

# Paper/Quality

Paper source: selectable paper source: automatic selection, paper tray. Paper type: selectable paper type: plain paper, thick paper.

<b>.</b>	P2000D1111	s 打印自选呗		
布局	纸张/质量	扩展功能		
紙加	选择			
纸	张来源(S):	自动选择		~
媒	体(M):	普通纸		~
				高级(V)
				高级∐

### **Extended function**

Print quality:

Select quality settings to match the type of printed document. If you want to print the document, please select [Text]. If you want to print a document with a mix of text and photos, select [Text and Photo]. If you want to print a photo, select [Photo].

Sharpening: If you want to increase the sharpness of the image, please check Sharpening. Save toner: If you want to save toner, please check Save Toner.

影 Dell P2000DIAWS 打印自己吗	e
<ul> <li>布局 纸张/质量 扩展功能</li> <li>打印质量</li> <li>①文本和照片(600dpi)</li> <li>①照片(1200dpi)</li> <li>□锐化处理</li> </ul>	颜色输出 灰度 ~ 临界值 3 ↓
□ 节省碳粉 □ 改良设定 ● 降低纸张卷曲度 ○ 改良碳粉定影效果 ○ 改良纸张褶皱度	自定义纸张 □减少残留点 □提高打印浓度
	确定 取消 应用(A)

Color output:

The print output color can be selected as [Black and White] or [Grayscale]. You can set the threshold value for black if the [Black and White] is selected. Adjust the [Critical Value] and then select the desired value. If [Grayscale] is selected, it will print using grayscale values.

Improve settings:

Various methods of improving the image are available. If there are issues with the output results, please try these settings to improve.

Please refer to the troubleshooting guide on each issue for details.

Reducing paper crimping Reducing residual points » Please refer to "Improve print quality (crimping or » Please refer to "Improve print quality (residual points)" waving)" on page 42. on page 39. Improving toner fusing effect Increase print density » Please refer to "Improve print quality (poor fusing)" on » Please refer to "Improve print quality (vague or dim)" page 43. on page 38. Improving paper wrinkling Custom paper » Please refer to "Improve print quality (wrinkle or » You can customize the paper name and size by crease)" on page 43. yourself, including width, length, and unit.

### Advanced settings

You can enter the advanced settings interface in the lower right corner of the Layout and Paper/Quality.



Paper specifications:

Select the size of paper on which you want to print, Including 32K,A4,A5,B5(ISO),B5(JIS),B6(ISO),B6(JIS), Executive, 16K(184x260) 16K(195x270), 16K(197x273).

Number of copies:

Enter the number of copies to be printed. If you want the document output order to be 1, 2, 3, 1, 2, 3...., you need to check the adjustment box. If you want the document output order to be 1, 1, 1, 2, 2, 2, 3, 3, 3...., you need to uncheck the adjustment box.

Page layout printed on each sheet of paper:

This is the setting for how a multi-page document is printed on a single sheet of paper. It can be set to: right then down, down then right, left then down, right, left then down, down then left.

Manual binding edge:

This is the setting for the border position when printing a multi-page document as a manual. It can be set to: at the left edge, at the right edge.

### Web interface

The Web interface can be used on all operating systems. The user can access the web interface with the browser on his computer and make various settings for the device.

If the device is connected to the network through a wired or wireless connection, it can access the Web interface. ▲ Note

•Before starting the operation, please ensure that the computer and the device are connected to the same network.

•When the device is connected to the network, a (Network) indicator lights up.

### **Confirm IP address**

To access the Web interface, you will need the current IP address of this device. If you need to confirm the IP address of the device, you can also print a configuration report to verify the IP address.

(Press and hold the cancel key for no less than 3 seconds to enable the printer to print a configuration report)

型号 序列号 固件版本 可打印页数 总打印页数	P2000DNWs xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
耗材信息 初盼金序列号 实际打印页数 平均覆盖率 至此约印页数 初盼列余量	已安装 xxxxxxxxxxxxx 7.6% x 100%
设备配置 语言 研究状态 一	中文(简体) <u>低合</u> http://www.www.www/
默认纸张类型 网络信息	<u>迪通纸</u>

### Access Web interface

- Start the browser on the computer connected to the network.
- ▲ Note
- Appropriate browser
- The following browsers are recommended.
- Windows®: Internet Explorer® (version 8.0 or later)
- Enter the IP address of the device in the address bar of the browser.



The IP address of the device

The following screen will be displayed.

To view settings other than [Device Status] and [Order Consumables], you need to log in by entering a password. The default password is "admin".

The password can be changed through the <Login Password> option tab.

後後状态	设备信息	
後新配置	体对是	1121113500E
ala	国件版本	RP_1.00.010 (310251EBSTD)
		60006
丁购耗材	息打印页数	0
9件更新	总卡纸计数	0
1041101		0
打印設置	- 内部卡紙	0
1.改密码	- 后部卡纸	0
1	联新全状态	已安装
	碳粉盒序列号	T4CJ0036602X
	实际打印页数	187
	平均覆盖率	7.4 %
	理论打印页数	27B
	碳粉则余量	86 N

Click on this item to view information or change its settings.

Sign On/Off

### I. Device status

You can check the status of the device, including device information, device statistics, and consumables information.

deli P2000		(19)	¥3
设备状态	0		_
原新祝聞	体利量	112111350005	
ieth.	国件版本	RP_1.00.010 (310251ES3TD)	
	可打印页数	60000	
丁购耗材	息打印页数	0	
8件更新	总卡纸计数	0	
	- 前線卡紙	0	
云打印设置	- 内部卡纸	0	
8.改言码	- 后部卡纸	0	
	耗材信息		
	联粉盒状态	已安装	
	联粉盒序列号	T4CJ0036602X	
	实际打印页数	187	
	平均覆盖率	7.4 %	
	理论打印页数	278	
	铁粉制金属	80 V	

# II. Device configuration

1. Paper Settings

Paper size/paper type

- 2. Print Report
- You can print the configuration report.
- ▲ Note

You can also print the configuration report by using the control panel.

- 3. Maintenance
- Clean the printer.
- ▲ Note

You can also clean the printer by using the control panel.

4. Restore Factory Settings

This device can be restored to the default settings.

Note

After resetting to factory settings, the device will automatically restart. (Due to a disconnected network, the Web interface call will be disconnected.)

000 P2000		
28 P.W	设备配置 ()	
lei ek	·····································	
Print	<u>纸纸设置</u>	
UMRM	37印册曲	
固件更新	<del>維护</del> Weburnam	
云打印设置	WEGI WE	
维改密码		

### **III. Network**

You can disable or set the status of the network as necessary. If you are not familiar with network management, please use the default settings.

▲ Note

To manually assign IP addresses, please proceed with caution. Incorrect IP address entered will result in impossibility to connect to the device. After configuration changes, if you are unable to connect to the device, please reset the device.

When changing the network connection of the device, the Web interface call will be disconnected. If necessary, please reconnect to the Web interface.



#### 1. Enable wireless network

You can enable/disable wireless functions.



▲ Note

Even if the wireless feature is disabled, it will be enabled when you reset the network connection. When you are accessing this device wirelessly, if the wireless network is disabled, the Web interface connection will be disconnected, and you will no longer be able to perform operations from the Web interface.

2. TCP/IP (IPv4) settings: Ethernet/Wireless.

You can change settings such as IP address.

Note

The initial value of the IP acquisition is DHCP.

RAKG CONTRACTO	and the second	_	_		_	
2362 C	188	1726	2005.0	(a)		
HIT	MACRO DE	84.0	- 81.94	bp		
	中原语方式	847	is)			
UPSPLAT	1705.02	1			1.8	
port sean	子间间的		18	. 6	. 8	
In Proceeding and	阿天清堂	л		. 10	1.1	
T LICHTER IN	主体的推力。推		. 8		18	
继续进制	编织44日经济语	χ.	1.		1	
	注则地源务器		18	- *		
	编结率150指列语		- 8		- 8	

#### 3. IPV6 settings

You can set the host name in this mode, and view its IP address and prefix length.

<b>动手状态</b>	In UX			
业备纪言		主机名	VILLONG TOP	
pors		(P#ball	1402. Bull ant 1 1628.600	
CO MARLAR		制程数型	14	
的件更新			Sudary (Cherring)	
<b>后打印读</b> 繁			16.11	
<b>综改把纠</b>				
838N				

#### 4. Wireless LAN Settings

You can change the connection settings by setting the network name (SSID)/security mode/password format/password for the wireless connection.

Note

If you access this device wirelessly, changing the connected wireless network in this setting will disconnect Web interface access.



#### 5. Proxy Server

You can connect to the network through a proxy server.



### **IV. Order Consumables**

After clicking, you will be directly redirected to the website for ordering consumables. You may also directly visit www.nbdeli.com to purchase consumables.

### V. Firmware updates

After clicking, the update button will appear. Click the update button. The firmware will be updated automatically. ▲ Note

To use the firmware update feature, the printer must be connected to network.

# VI. Login Password

You can change the login password for the Web interface.

▲ Note

Write down the password to prevent forgetting it.

The password can only contain half width alphanumeric characters, with a character length range of 1 to 32. Using the default password 'admin' allows full access to all settings, but there may be unauthorized third-party access. It is recommended that you change your password.



# **Replace toner cartridge**

When the toner is running low, white stripes may appear on the printed documents, or some parts may fade.



#### If the above issues occur, please follow the steps below:

1. Open the front cover to open the device.



3. Gently shake the toner cartridge for 5-6 times to evenly distribute the toner inside the cartridge.



5. Close the front cover of the device



If the problem persists, please replace the toner cartridge.

#### ▲ Caution

Please use genuine Deli toner cartridge.

Genuine consumables are available from a dedicated distributor or through our ordering service. Please refer to the instructions on the consumables packaging for the operation.

#### ▲ Note

If you want to purchase consumables, please visit the following website: <u>www.nbdeli.com</u>

2. Grasp the middle handle and remove the toner cartridge.



4. Load toner cartridge.



1. Open the front cover to open the device.



2. Grasp the middle handle and remove the toner cartridge.



Toner spills

Carefully remove the toner cartridge from the device to avoid toner spills. Please store the opened or used toner cartridges in their original packaging or plastic bags to prevent toner from spilling. When disposing of toner cartridges, do not throw them into flames. Toner cartridges should be kept out of reach of children.

3. Remove the new toner cartridge from the packaging box.

4. Shake the toner cartridge back and forth, left and right for 5 to 6 times to evenly distribute the toner and improve print quality.

#### Toner spills

Do not attempt to disassemble the toner cartridge. If toner is released into the air, avoid contact with skin or eyes. Do not inhale the toner released into the air. Please use cold water to remove toner from clothing or objects; hot water will cause the toner to solidify. Do not use a vacuum cleaner to remove the spilled toner.

5. Remove the sealing strip on the left side of the toner cartridge.

# **A**Danger

#### Toner spills

Please do not shake the toner cartridge after removing the sealing strip. Otherwise, the toner could be released into the air.

- 6. Remove the adhesive tape and protective paper.
- ▲ Caution

Do not touch the green part of the photosensitive drum with your hand, otherwise it may affect the print quality.

Please avoid placing the toner cartridge in an upright position, as it may affect the printing quality,

It may also affect the performance of the printer.

7. Load the toner cartridge into the device. The toner cartridge shall be securely installed in place.



Toner spills

Do not throw the toner cartridge into a fire as it may cause an explosion!

Toner cartridges should be kept out of reach of children.

If the toner spills, use a cloth or broom to wipe it off.

- 8. Close the front cover.
- ▲ Caution

If the front cover cannot be closed, it indicates that the toner cartridge is not installed correctly. Please remove the toner cartridge and reinstall it correctly.







# Troubleshooting

You may solve the following problems on your own. For additional help, you may use the latest drivers, instructions, the latest FAQs and troubleshooting tips provided by Deli Service Center. Please visit the following website:www.nbdeli.com

Phenomenon	Countermeasures
The function key LED is not lit	<ol> <li>Check whether the power plug is plugged in.</li> <li>Check if the device is turned on.</li> <li>Restart the printer, if the status LED remains off, please contact Deli Service Center.</li> </ol>
During driver installation, Error or failure occurs	<ol> <li>Please confirm if the computer system version supports this driver version</li> <li>Please confirm if you have started the installation program with Administrator privileges.</li> <li>Enter the control panel, uninstall the driver and reinstall it.</li> <li>Please close the security management software (such as 360, Tencent Security Manager, Kingsoft Antivirus, etc.) and reinstall it.</li> </ol>
The driver installation is successful, USB add printer failed	<ol> <li>Check the USB cable for visible damage. If so, please replace the USB cable.</li> <li>Enter the printer of the computer, plug and unplug the USB cable, and observe whether the device appears (including unknown devices). If no device appears during the plug/unplug process, it means that there is a problem with the USB cable. Please replace the USB cable with a new one.</li> <li>If the printer is identified as an unknown device or device of other models during the plug/unplug process, please use the Printer Assistant to manually add the printer by USB.</li> <li>If you fail to add printer by USB manually, reinstall the driver. Please refer to "Error or failure during driver installation."</li> </ol>
The driver installation is successful, Network add printer failed	<ol> <li>Ensure that the printer and the computer are connected to the same network and the network is normal.</li> <li>Check the IP of the printer and manually add the printer IP through Printer Assistant.</li> <li>If it still fails, reinstall the driver. Please refer to "Error or failure during driver installation."</li> </ol>
Sending task, The printer not working	<ol> <li>Confirm if the printer is turned on and if its status is normal (you may restart the printer and computer).</li> <li>Confirm if the connection between the printer and the computer is normal.</li> <li>Check that the selected printer is the correct one. After sending a task to this printer, check the item under printing in the Printer Assistant. If the printer is displayed offline, it means that the wrong printer is selected. Re-add printer. If the printer in the printer queue is a printer device added by USB, a USB cable must be used to connect the printer and computer in practice. If a printer is connected with a network cable, the printing task will not be sent to the printer.</li> <li>If the preceding operations still fail, reinstall the driver. Please refer to "Error or failure during driver installation."</li> </ol>

Paper jam occurs	Remove the jammed paper This device is equipped with sensors for quick identification of paper jams. If a paper jam occurs, the printer will immediately stop feeding paper. Please check the following three areas and remove the jammed paper: paper tray/manual paper feeder, near the toner cartridge, and the back of the device (fuser unit). Remove the jammed paper from the paper tray/manual paper feeder. » Please refer to "Remove jammed paper in the paper tray" on page 36. Remove the jammed paper in the device. » Please refer to "Remove jammed paper in the device" on page 36. Remove the jammed paper in the rear part (fuser unit) of the device. » Please refer to "Remove the stuck paper from the back of the device (in the fuser unit)" on page 37.	
The printer network connection is normal, but the printer icon indicates offline status	<ol> <li>Check and ping the printer IP to see whether the network is normal</li> <li>If the network is normal, please try to disable the SNMP option (method is as follows) Printer list- &gt; right-click properties of this printer-&gt; port-&gt; configure port, uncheck the "SNMP status enabled" option.</li> </ol>	
Printer Assistant and printer menu bar report errors	"LCD information and LED operating status" on page 32.	
Printed image quality issues	Print quality: » Please refer to "Improve print quality" on page 38.	
Other issues	<ul> <li>If the toner cartridge has not been used for a long time, the initial print or the first few prints may exhibit white lines or appear faint.</li> <li>Depending on the type or size of paper, the printing speed may become slower. In large-volume continuous printing, the device may stop or slow down to adjust the image quality or device temperature.</li> <li>Using inappropriate paper types or sizes may lead to curling, wrinkling, image distortion, or bent edges. If this problem occurs, try using new paper and ensure that the papers with recommended type and size are utilized.</li> <li>Do not place the toner cartridge vertically or shake it up and down. (Toner may leak).</li> <li>Depending on the material of the envelope or how the overlap is pasted together, the envelope may not print correctly (such as showing wrinkles). Long textured paper is recommended. Make sure to test before you start printing in large quantities.</li> <li>If you need any further assistance, Deli Print can provide you with the latest drivers, user manuals, updated FAQs, and troubleshooting tips. Please visit www.nbdeli.com.</li> </ul>	

# LCD information and LED status



#### LED lighting mode

Flashing 1	Fast flashing
Flashing 2	On 1S Ċ Off 5S
Flashing 3	Slow flashing

LCD Information	LED message	Handling methods	For reference
No paper in paper tray	Red flashing 3	<ol> <li>Put paper in the paper tray.</li> <li>Press (Start/Power) to continue the previous printing task. Press and hold (Cancel) for no less than 3 seconds to cancel the printing task.</li> </ol>	Load paper into the paper tray on page 10
Paper jam in device	Red flashing 3	<ul> <li>Paper jam in device</li> <li>1. Open the front cover and paper tray of the device.</li> <li>2. Remove the stuck paper.</li> <li>3. Close the front cover and reload the paper tray.</li> <li>4. Press (Start/Power) to continue the previous printing task. Press and hold (Cancel) for no less than 3 seconds to cancel the printing task.</li> <li>This error may occur when the selected paper size in the printing settings does not match the loaded paper size, or when the paper quality is poor or damaged. Check if the type of paper in the printing settings is the same as the type of paper you loaded, or if necessary, load the paper tray with new or suitable paper.</li> </ul>	Please refer to "Remove the stuck paper from the device" on page 36.

Paper jam in paper tray	Red flashing	<ul> <li>Paper jam in paper tray.</li> <li>Open the paper tray.</li> <li>Remove the stuck paper.</li> <li>Reload the paper tray.</li> <li>Press (Start/Power) to continue the previous printing task. Press and hold (Cancel) for no less than 3 seconds to cancel the printing task.</li> <li>This error may occur when the selected paper size in the printing settings does not match the loaded paper size, or when the paper quality is poor or damaged. Check if the type of paper in the printing settings is the same as the type of paper you loaded, or if necessary, load the paper tray with new or suitable paper.</li> </ul>	"Remove jammed paper in the paper tray/manual paper feeder" on page 36.
Paper jam at the rear part	Red flashing	<ul> <li>Paper jam occurs at the rear part</li> <li>1. Open the device back cover.</li> <li>2. Remove the stuck paper at the back.</li> <li>3. Close the device back cover.</li> <li>4. Press (Start/Power) to continue the previous printing task. Press and hold (Cancel) for no less than 3 seconds to cancel the printing task.</li> <li>This error may occur when the selected paper size in the printing settings does not match the loaded paper size, or when the paper quality is poor or damaged. Check if the type of paper in the printing settings is the same as the type of paper you loaded, or if necessary, load the paper tray with new or suitable paper.</li> </ul>	"Remove jammed paper at the back of the device (fuser unit)" on page 37.
Improper paper size	Red flashing 3	The paper size selected in the print settings does not match the size of the paper in the paper tray. Check the print settings and the size of the paper in the paper tray. Press (Start/Power) to continue the previous printing task. Press and hold (Cancel) for no less than 3 seconds to cancel the printing task.	"Paper specifications" in "Printing preferences" on page 21.

Double-sided printing failed	Red flashing 3	The paper size selected in the double-sided settings does not match the size of the paper in the paper tray. When a "Double-sided printing failed" error pops up, the printing task will be forcibly canceled.	"Paper specifications" in "Printing preferences" on page 21.
Incorrect paper size setting	Red flashing 3	Incorrect paper size setting Check the paper size in the settings and then reprint.	"Paper specifications" in "Printing preferences" on page 21.
The cover plate is open	Red flashing 3	The front cover is partially open. Confirm if the front cover is completely closed.	
Insufficient memory	Red flashing 3	The device's memory is full and will not be able to print all the original documents. If this error occurs, please try the following operations. Try split and print. Change the copy quality setting.	
Print settings are not available	Red flashing 3	Double-sided printing settings do not meet requirements. Check if your printing settings meet the requirements and correct it. Paper sizes supported for duplex printing: A4. Supported print quality: text, text and photos.	"Paper specifications" in "Printing preferences" on page 21.
Toner cartridge error	Ped flashing	A soiled or unsupported toner cartridge is inserted. Use a soft dry cloth to clean the surface of the toner	"Replace the toner
There is no toner cartridge	3	a genuine one. If this error occurs frequently, try replacing the cartridge.	27.
Toner level low	Green indicator always on	Low toner level Please order a new toner cartridge in advance from www.nbdeli.com.	"Replace the toner cartridge" on page 27.

Very low toner level	Green indicator always on	The toner in the toner cartridge is severely low. Continuing to print will affect print quality. Please order a new toner cartridge in advance from www.nbdeli.com.	"Replace the toner cartridge" on page 27.
Out of toner	Green indicator always on	The toner in the toner cartridge has run out. Replace it with a new toner cartridge. Please order a new toner cartridge in advance at the following website: www.nbdeli.com.	"Replace the toner cartridge" on page 27.
The printer has exceeded its service life	Red flashing 3	This printer has run beyond its designed service life! For any inquiry or to replace the device with a new one, please consult the Deli Service Center.	
Device cooling down	Green indicator always on	The device overheats internally and the printer automatically enters cooling mode. At this point the printing speed slows down or printing stops. When the internal temperature of the device returns to normal, the device will automatically end the cooling mode.	
Fuser error	Red flashing 3	<ul> <li>Fusing error occurred Do not touch the back cover of the device.</li> <li>Power off the device and avoid touching the back of the device.</li> <li>To prevent burns, unplug the AC power cord, let the device rest for at least 40 minutes, and then contact an authorized service center.</li> </ul>	
System error	Red flashing 3	System error occurred Turn off the device, then check if it is placed in a stable position or if the service environment around the device meets the temperature specifications, and then restart the device after at least 10 seconds. • If this error occurs frequently, please visit www.nbdeli.com for the latest troubleshooting. If you cannot resolve this issue, unplug the AC power cord and contact Deli service center.	
Fan error	Red flashing 3	<ul> <li>Check the status of the fan.</li> <li>If there is any dirt, restart the device after removing the dirt.</li> <li>If you are unable to resolve this issue, unplug the AC power cord and contact an authorized service center.</li> </ul>	

# Paper jam handling

▲ Caution

• Please ensure that the paper you are using meets the recommended paper specifications.

- » Please refer to "Print medium" on page 18.
- Make sure the paper in the paper tray is flat. If the paper is still curled, please replace it. (Flap the edges of the paper to separate the sheets, then put them back into the paper tray.)

• Ensure that the amount of paper in the paper tray is appropriate, as too many paper sheets may cause paper jams. (The paper tray can hold 150 sheets of regular printing paper.)

• After the paper slides out of the print outlet, lift the output plate. (Remove all printed paper.)

### ■Remove jammed paper in the paper tray.

1. Remove the paper tray from the device.



3. Completely load the paper tray into the device.



2. Carefully pull out the paper.



4. Press  $\bigcirc$  (Start/Power) to resume the remaining printing tasks. If you need to cancel the printing task, press and hold  $\bigotimes$  (Cancel).

### Remove the jammed paper in the device

1. Open the front cover.



2. Grasp the middle handle and remove the toner cartridge.





Toner spills

Do not open the toner cartridge. If toner is released into the air, avoid contact with skin or eyes. Do not inhale the toner released into the air. Please use cold water to remove toner from clothing or objects; hot water will cause the toner to solidify.

Do not use a vacuum cleaner to remove the loose toner.

3. Carefully pull out the paper.

4. Load the toner cartridge into the device. The toner cartridge shall be securely installed in place.



5. Close the front cover.





6. Press (Start/Power) to resume the remaining printing tasks. If you need to cancel the printing task, press and



▲ Caution

• If the front cover of the device cannot be closed, it indicates that the toner cartridge is not installed correctly. Please remove the toner cartridge and reinstall it correctly.

• Please be careful not to damage the toner cartridge after removing it. Damaged toner cartridges will affect print quality.

### Remove the jammed paper in the rear part (fuser unit) of the device

1. Open the back cover of the device.





Overheat inside device

During the operation of the device, the fuser unit inside the device and its surrounding area will become hot. If you have turned on the device, do not touch these parts.

2. Carefully pull out the paper.

3. Then close the back cover.





4. Press  $\bigcirc$  (Start/Power) to resume the remaining printing tasks. If you need to cancel the printing task, short press  $\bigotimes$  (Cancel).

# Improve print quality

▲ Caution

Please use genuine Deli toner cartridges as using other toner cartridges may affect print quality.Please check the USB interface and cable interface to ensure that the connection is normal.

The following are suggestions for various image quality issues

Example of poor image quality	Recommendation.
ABCDEF abcdef 0123456 Blurry or dull	<ul> <li>Grasp the middle handle and remove the toner cartridge. Shake the toner cartridge several times from front to back to evenly distribute the toner. If the toner cartridge is violently shaken or hit, the toner inside may leak out. Do not shake the toner cartridge up and down.</li> </ul>
	<ul> <li>If the LCD shows the message "Low toner", please replace the toner cartridge</li> </ul>
	<ul> <li>Please refer to "Low toner" in "LCD messages and LED working status" on page 32, and "Replace the toner cartridge" on page 27</li> </ul>
	<ul> <li>Confirm the location and surrounding environment of the device. High humidity and high temperature environments may cause this print quality issue.</li> </ul>
	» Please refer to "Installation location of the device" on page 2 and "Product specifications" on page 43.
	<ul> <li>If the entire page appears excessively dim, it may be due to the draft mode</li> <li>being embladed page appears in the Extensions to be</li> </ul>
	<ul> <li>Replace it with a new toner cartridge.</li> </ul>
	» Please refer to "Replace the toner cartridge" on page 26.
	» Please refer to "Extended features" in "Printing preferences" on page 20.

ABCDEF abcdef 0123456 Gray background	<ul> <li>Ensure that the print media meets the media specifications.</li> <li>Please refer to "Specifications of print medium " on page 18.</li> <li>Confirm the location and surrounding environment of the device. High temperatures, low temperatures and high humidity, low humidity and other environments may increase the bottom dimness.</li> <li>Please refer to "Installation location of the device" on page 2 and "Product specifications" on page 44.</li> <li>Replace it with a new toner cartridge.</li> <li>Please refer to "Replace the toner cartridge" on page 27.</li> <li>Ensure that the print media meets the media specifications. Rough surface paper or over-thick/over-thin/poor quality/moisture absorbing print media may cause failure.</li> <li>Please refer to "Specifications of print medium " on page 18.</li> <li>Ensure that the medium type setting in the driver matches the type of medium.</li> <li>Please refer to "Print medium specifications" on page 18 and "Paper specifications" in "Printing preferences" on page 21.</li> <li>The issue might resolve itself without intervention. Printing multiple pages may eliminate this problem, especially if the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the device has not been used for a trace of the dev</li></ul>
	Iong time.
Character/Line abosting	<ul> <li>Please refer to "Replace the toner cartridge" on page 27</li> </ul>
Character/Enre ghosting	<ul> <li>The fuser unit may be contaminated. Please contact the Deli Service Center.</li> </ul>
	<ul> <li>Try "Improve settings" in the printer settings.</li> </ul>
	» Please refer to "Extended features" in "Printing preferences" on page 20.
	<ul> <li>Ensure that the print medium meets the medium specifications. Paper with rough surface or thick/thin/poor quality/moisture-absorbing printing media may cause problems</li> </ul>
	<ul> <li>Please refer to "Specifications of print medium " on page 18.</li> </ul>
	- Ensure that the medium type setting in the driver matches the type of
ABCDEF	medium.
	» Please refer to "Specifications of print medium " on page 18.
abcdef	<ul> <li>Paper specifications" in "Printing preferences" on page 21.</li> <li>The issue might resolve itself without intervention. Printing multiple pages</li> </ul>
10100450	<ul> <li>The issue might resolve user without intervention. Printing multiple pages can eliminate it especially if the device has not been used for a long time.</li> </ul>
0123456	<ul> <li>Replace it with a new toner cartridge.</li> </ul>
	» Please refer to "Replace the toner cartridge" on page 27.
Residual point	• The fuser unit may be contaminated. Please contact the Deli Service Center.
	Try "Improve settings" in the printer settings.
	Please refer to "Extended features" in "Printing preferences" on page 20.
50	Ensure that the print media meets the media specifications.
	<ul> <li>Please refer to "Specifications of print medium" on page 18.</li> <li>For the setting of [Paper Type], select [Thick Paper].</li> </ul>
	<ul> <li>Poi the setting of [Paper Type], select [Thick Paper].</li> <li>Please refer to "Paper specifications" in "Printing preferences" on page 21</li> </ul>
	<ul> <li>Use thinner paper than the one you are using.</li> </ul>
	· Confirm the location and surrounding environment of the device, including
	factors such as high humidity or low humidity.
	» Please refer to "Installation location of the device" on page 2.
	<ul> <li>Replace it with a new toner cartridge.</li> <li>Diagon refer to "Replace the tener cartridge" on page 27</li> </ul>
Irregular falling off	Thease refer to inceptace the toner callinge of page 27.
	Ensure that the print media meets the media specifications. Rough surface paper or thick print media may cause failure.
	<ul> <li>Please refer to "Specifications of print medium " on page 18</li> </ul>
ABODEE	Confirm the location and surrounding environment of the device. High
	temperature, low temperature and high humidity, low humidity and other
abcdef	environments may increase the amount of background shadow.
	Please reter to "Installation location of the device" on page 2. This issue may easily where the interior of the device is selled. After the interior of the device is selled.
0123456	I his issue may occur when the interior of the device is solled. After printing multiple pages, this issue may disappear.
	The toner cartridge may be damaged. Replace the new toner cartridge
Toner stain	<ul> <li>Please refer to "Replace the toner cartridge" on page 27.</li> </ul>

Shown.       Do not shake it forcefully, othenvise it may cause toner leakage.         • The fuser unit may be contaminated. Please contact the Deli Service Center.         • Ensure that the print media meets the media specifications. Rough surface paper or over-thick/over-thic/poor quality/moisture absorbing print media may cause failure.         • Please refer to "Specifications of print medium "on page 18.         • Ensure that the correct medium type is selected in the printer settings.         • Please refer to "Specifications" in "Printing preferences" on page 21.         • Confirm the location and surrounding environment of the device. High temperature, low temperature and high humidity, low humidity environments may increase the amound of background shadow.         • Please refer to "Replace the to the toner cartridge.         • Please refer to "Replace the to the device.         • The toner cartridge may be damaged. Replace the new toner cartridge.         • Please refer to "Replace the to the device.         • The toner cartridge unit may be admaged. Replace the new toner cartridge.         • Please refer to "Replace the to the device. High temperature, low tender with linervention of background shadow.         • Confirm the location and surrounding environment of the device. High temperature, low tender with linervention.         • The toner cartridge unit may be damaged. Replace the new toner cartridge.         • Please refer to "Replace the toner cartridge" on page 27.         • The toner cartridge unit may be damaged. Replace the new toner cartridge.		Hold the toner cartridge by the handle and gently shake it from left to right as
<ul> <li>Ensure that the print media meets the media specifications. Rough surface paper or over-thick/over-thin/poor quality/moisture absorbing print media may cause failure.</li> <li>Please refer to "Specifications of print medium " on page 18.</li> <li>Ensure that the correct medium type is selected in the printer settings.</li> <li>Please refer to "Replace the control of background shadow.</li> <li>Ensure that paper fragments are not stuck in the device.</li> <li>The issue might resolve itself without intervention. Printing multiple pages may eliminate this problem, especially if the device has not been used for a long time.</li> <li>The issue might resolve itself without intervention. Printing multiple pages may eliminate this problem, especially if the device has not been used for a long time.</li> <li>The issue might resolve itself without intervention. Printing multiple pages may eliminate this problem, especially if the device has not been used for a long time.</li> <li>Ensure that the correct medium type is selected in the printer settings.</li> <li>Please refer to "Replace the locations" in "Printing preferences" on page 21.</li> <li>Confirm the location and surrounding environment of the device. High temperature, low temperature and high humidity, low humidity and other environments may increase the amount of background shadow.</li> <li>Ensure that paper fragments are not stuck in the device.</li> <li>The toner cartridge unit may be damaged. Replace the new toner cartridge.</li> <li>Please refer to "Replace the toner cartridge" on page 27.</li> <li>White spots appearing fragments are not stuck in the device.</li> <li>The toner cartridge unit may be damaged. Replace the new toner cartridge.</li> <li>Please refer to "Replace the toner cartridge" on page 27.</li> <li>Please refer to "Replace the toner cartridge" on page 27.</li> <li>Please refer to "Replace the toner cartridge" on page 27.</li> <li>Please refer to "Replace</li></ul>		<ul> <li>shown.</li> <li>Do not shake it forcefully, otherwise it may cause toner leakage.</li> <li>The fuser unit may be contaminated. Please contact the Deli Service Center.</li> </ul>
<ul> <li>Ensure that the print media meets the media specifications. Rough surface paper or over-thick/over-thin/poor quality/moisture absorbing print media may cause failure.</li> <li>Please refer to "Specifications of print medium " on page 18.</li> <li>Ensure that the correct medium type is selected in the printer settings.</li> <li>Please refer to "Paper specifications" in "Printing preferences" on page 21.</li> <li>Confirm the location and surrounding environment of the device. High temperature, low temperature and high humidity, low humidity environments may eliminate this problem, especially if the device has not been used for a long time.</li> <li>The issue might resolve itself without intervention. Printing multiple pages may eliminate this problem, especially if the device. High temperature, low temperature and high humidity, low humidity and other environments may increase the amount of background shadow.</li> <li>Ensure that apper fragments are not stuck in the device. High temperature, low temperature and high humidity, and other environments may increase the amount of background shadow.</li> <li>Ensure that paper fragments are not stuck in the device. High temperature has problem, especially if the device has not been used for a long time.</li> <li>Please refer to "Replace the toner cartridge" on page 27.</li> <li>Confirm the location and surrounding environment of the device. High temperature, low temperature and high humidity, low humidity and other environments may increase the amount of background shadow.</li> <li>Ensure that page refragments are not stuck in the device.</li> <li>The issue might resolve itself without intervention. Printing multiple pages may definite the location and surrounding environment of the device. High temperature, low temperature and high humidity.</li> <li>Confirm the location and surrounding environment of the device.</li> <li>The toner cartridge unut may be damaged. Replace the new toner cartridge.</li>     &lt;</ul>		
<ul> <li>environments may increase the amount of background shadow.</li> <li>Ensure that paper fragments are not stuck in the device.</li> <li>The issue might resolve itself without intervention. Printing multiple pages may eliminate this problem, especially if the device has not been used for a long time.</li> <li>The toner cartridge unit may be damaged. Replace the new toner cartridge.</li> <li>Please refer to "Replace the toner cartridge" on page 27.</li> </ul>	White lines crossing the page	<ul> <li>Ensure that the print media meets the media specifications. Rough surface paper or over-thick/over-thin/poor quality/moisture absorbing print media may cause failure.</li> <li>Please refer to "Specifications of print medium " on page 18.</li> <li>Ensure that the correct medium type is selected in the printer settings.</li> <li>Please refer to "Paper specifications" in "Printing preferences" on page 21.</li> <li>Confirm the location and surrounding environment of the device. High temperature, low temperature and high humidity, low humidity environments may increase the amount of background shadow.</li> <li>Ensure that paper fragments are not stuck in the device.</li> <li>The issue might resolve itself without intervention. Printing multiple pages may eliminate this problem, especially if the device has not been used for a long time.</li> <li>The toner cartridge may be damaged. Replace the new toner cartridge.</li> <li>Please refer to "Replace the toner cartridge" on page 27.</li> <li>Ensure that the correct medium type is selected in the printer settings.</li> <li>Please refer to "Paper specifications" in "Printing preferences" on page 21.</li> <li>Confirm the location and surrounding environment of the device. High temperature, low temperature and high humidity, low humidity and other</li> </ul>
White spots appearing repeatedly in black text and graphics on the paper with a spacing of 94mm       Please perform the cleaning operation first         Image:	Black lines crossing the	<ul> <li>environments may increase the amount of background shadow.</li> <li>Ensure that paper fragments are not stuck in the device.</li> <li>The issue might resolve itself without intervention. Printing multiple pages may eliminate this problem, especially if the device has not been used for a long time.</li> <li>The toner cartridge unit may be damaged. Replace the new toner cartridge.</li> <li>Please refer to "Replace the toner cartridge" on page 27</li> </ul>
repeatedly on the paper with a spacing of	(94 mm) (94 mm) (94 mm) (94 mm) White spots appearing repeatedly in black text and graphics on the paper with a spacing of 94mm (94 mm) (94 mm) (94 mm) (94 mm) Black spots appearing repeatedly on the paper with a spacing of	<ul> <li>Please perform the cleaning operation first</li> <li>Load paper into the paper tray.</li> <li>Simultaneously press the Cancel and the Start/Power, the printer will automatically activate the cleaning mode. This issue may disappear automatically. Printing multiple pages may eliminate this problem, especially if the device has not been used for a long time. The toner cartridge may be damaged. Replace the new toner cartridge.</li> <li>Please refer to "Replace the toner cartridge" on page 27.</li> </ul>

ABCDEF abcdef 0123456 Black toner markers across pages	Ensure that the print media meets the media specifications. Rough surface paper or over-thick/over-thin/poor quality/moisture absorbing print media may cause failure. The issue might resolve itself without intervention. Printing multiple pages may eliminate this problem, especially if the device has not been used for a long time. Do not use paper that has been stapled or paper-clipped, as this can damage the toner cartridge. The toner cartridge may be damaged if it is exposed to direct sunlight or indoor light, or if it is continuously placed in extremely high or extreme temperature conditions.
ABUDEF ahcdef 0120450	<ul> <li>Confirm the location and surrounding environment of the device. High temperature, low temperature and high humidity, low humidity and other conditions may cause secondary printing failures.</li> <li>Please refer to "Installation location of the device" on page 2. If the problem is not resolved after printing a few pages, please replace the toner cartridge with a new one.</li> <li>Please refer to "Replace the toner cartridge" on page 27.</li> </ul>
White lines, stripes, or streaks crossing the page.	<ul> <li>Grasp the middle handle and remove the toner cartridge. Shake the toner cartridge several times from front to back to evenly distribute the toner. If the toner cartridge is violently shaken or hit, the toner inside may leak out. Do not shake the toner cartridge up and down.</li> </ul>
ABCDEF abcdef 0123456	
White lines lengthwise across the page	<ul> <li>The toner cartridge may be damaged. Insert a new toner cartridge.</li> <li>» Please refer to "Replace the toner cartridge" on page 27.</li> </ul>
ABCDEF abcdef 0123456	<ul> <li>Ensure that the paper or other print media is properly loaded into the paper tray and that the paper baffle is correctly positioned.</li> <li>Please refer to "Load paper into the paper tray" on page 10</li> <li>Set up the paper guide plate correctly.</li> <li>Please refer to "Load paper into the paper tray" on page 10</li> <li>The paper tray may be too full. Try reducing the amount of paper in the paper tray.</li> <li>Please refer to "Load paper into the paper tray" on page 10</li> <li>Confirm the type and quality of the print medium.</li> <li>Please refer to "Specifications of print medium" on page 18</li> </ul>
Page skew	

ABCDEF abcdef 0123456	<ul> <li>Confirm type and quality of paper. Environment with high temperature and high humidity will cause paper curling.</li> <li>Please refer to "Specifications of print medium " on page 18.</li> <li>If you don't use the printer often and leave the paper in the paper tray for a long time, it may cause the paper to bend. You can flip over the paper in the paper tray. You may also fully unfold the paper in paper tray and rotate the paper 180°.</li> <li>Please refer to "Load paper into the paper tray" on page 10</li> <li>Try "Improve settings" in the printer settings.</li> </ul>
Curling or waving	» Flease feler to Extended leatures in Finding preferences of page 20.
ABCDEF abcdef 0123456 Wrinkles or creases	<ul> <li>Confirm type and quality of paper. Environment with high/low temperature and high/low humidity will cause paper wrinkling.</li> <li>» Please refer to "Specifications of print medium " on page 18. Ensure that the paper is loaded correctly.</li> <li>» Please refer to "Load paper into the paper tray" on page 10 Flip over the paper, reload the paper tray, or try rotating the paper in the paper tray by 180°. Confirm the type and quality of the print medium. Using inferior paper may cause this issue.</li> <li>» Please refer to "Specifications of print medium " on page 18. Ensure that the print media meets the media specifications. Rough surface paper or thin print media may cause this issue. Try "Improve settings" in the printer settings.</li> </ul>
	» Please refer to "Extended features" in "Printing preferences" on page 20.
ABCDEF Brodef Envelope crease	<ul> <li>Wrinkles or creases may appear, depending on the type of envelope used.</li> <li>Make sure test is run before printing in large volume.</li> <li>Make sure the correct #10 envelope is selected in Paper specifications in the printer settings.</li> <li>» Please refer to "Paper specifications" in "Printing preferences" on page 21.</li> </ul>
Poor fusing	<ul> <li>Confirm type and quality of paper. Low temperatures may cause poor paper fusing.</li> <li>Please refer to "Specifications of print medium " on page 18.</li> <li>Confirm the type and quality of the print medium. Using inferior paper may cause this issue.</li> <li>Please refer to "Specifications of print medium " on page 18.</li> <li>Ensure that the print media meets the media specifications. Rough surface paper or thick print media may cause failure.</li> <li>If this method does not provide sufficient improvement, select [Thick Paper] in the [Paper type] setting.</li> <li>Please refer to "Paper/quality" in "Printing preferences" on page 20.</li> <li>Try "Improve settings" in the printer settings.</li> <li>Please refer to "Extended features" in "Printing preferences" on page 20.</li> </ul>



# Appendix

# Material Safety Data Sheet (MSDS)

To obtain the Material Safety Data Sheet (MSDS) for consumables containing chemicals (such as toner), please visit the following website <u>www.nbdeli.com</u>

### **Product specifications**

Technical data				
Overall dimensions (length×width×height)	376x291x202 mm			
Weight (including toner cartridge)	Net weight: 7.2kg; Gross weight: 7.7kg			
Power requirements	220V-240V AC 4.3A 50Hz			
Power consumption				
Sleep mode	About 1.9W			
Rated power consumption	About 450W			
Working environment temperature	5-35 °C (recommended 16-32 °C)			
Working environment humidity	20%-80% RH (recommended 30%-70% RH without condensation)			
Printer				
Printing technology	Monochrome laser printer			
Standard printer language	GDI			
First page printing time (ISO ready mode)	Less than 8.5 seconds			
Printing resolution	600x600dpi, software enhancement 1200x1200dpi			
Printing speed	Up to 25 pages per minute (A4)			
Paper (paper tray)				
Input capacity	Plain paper (70g/m²): up to 150 sheets			
Output capacity	Plain paper (70g/m²): up to 50 sheets			
Paper size	A4, A5, A5 landscape, JIS B5, JIS B6, ISO B5, ISO B6, 16K(197*273), 16K(184*260), 16K(195*270), 32K, Executive			
Paper type	Plain paper: 65-100g/m2			
Personal computer/network connection				
	USB 2.0 (high speed)			
Connection type	10Base-T/100Base-TX Ethernet			
	802.11b/g/n 2.4GHz wireless LAN			
	Windows <sup>®</sup> 7 (64 bit/32 bit) Windows <sup>®</sup> 8.1 (64			
Supported operating systems	bit/32 bit) Windows <sup>®</sup> 10 (64 bit/32 bit)			
Supported operating systems	Windows <sup>®</sup> 11 Windows Server 2012 Windows Server 2016			
	Windows Server 2019 Windows Server 2022			