

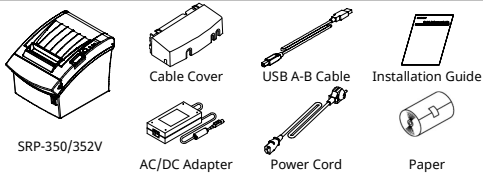
Information

This installation guide contains essential information required for product installation. Please refer to the Software on the Download section of the BIXOLON website (<http://www.bixolon.com>) for further information.

1. Manual: User's Manual, Code Table, Control Commands, Software manuals
2. Driver: Windows, OPOS, CUPS (Linux, Mac), VCOM (USB, Ethernet)
3. SDK: UPOS SDK (iOS, Android)
4. Utility: Unified POS Utility, Net Configuration Tool, Android Utility, iOS Utility

BIXOLON maintains an ongoing effort to enhance and upgrade the functions and quality of all its products. In following, product specifications and/or user manual content may be changed without prior notice. Please refer to the BIXOLON website for the addresses and phone numbers of the company's headquarters and branch offices.

Components

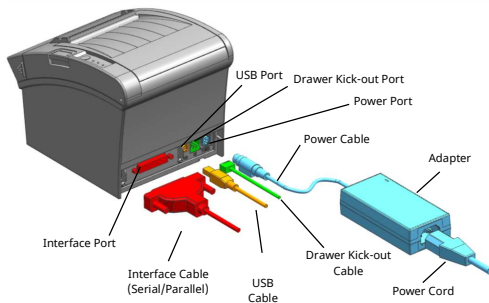


Cable Connection

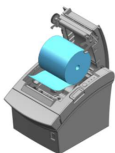
1. Turn off the printer and peripheral devices.
2. Connect the power cord to the adapter and connect the adapter to the power port connector of the printer.
3. Check the type of the interfaces at the back of the printer (USB, Serial, Parallel and Ethernet) and connect the interface cable.
4. Connect the drawer kick-out cable to the drawer kick-out port of the printer.



Do not use an adapter that was not supplied with the printer.



Installing Paper Roll



1. Push the Cover Open Button to open the Printer Cover.
2. Insert new roll paper in the correct direction.
3. Pull the paper out slightly and close the Printer Cover.



When closing the Printer cover, press down on the center of the cover to ensure that the paper is in contact with the roller. Printing quality may not be optimum if recommended paper is not used.

Using Control Panel



- Power (LED)
The Power LED is on whenever the printer is on.
- Error (LED)
Red light will be on in various error conditions such as out of paper, cover open, etc.
- Paper (LED)
Red LED will be lit when the paper roll is running low. The LED keeps blinking when the printer is in self-test standby mode or macro execution standby mode.
- Feed (Button)
Press this button to feed the paper out.
Hold down this button to feed out the paper continuously.

Self-Test

The printer's functionality can be checked through the self-test. Printing quality, ROM version, and memory switch settings can be checked through the self-test function.

1. Check whether paper is inserted correctly.
2. Turn on the power while holding down the Feed button and the self-test procedure will begin.
3. The printer will print out details of its current status including which version of ROM.
4. After printing out its current status of printer, the printer will print following lines and wait for the next step (paper light will keep blinking).

SELECT MODES BY PRESSING FEED BUTTON.

Continuous SELF-TEST: Less than 1 second
VMSM Selection : 1 second or more

5. Press the Feed button to resume printing or hold down the button for at least one second to change the VMSM settings.
 - 5-1 If "Continuous Self-Test" is selected
 - (1) Press the Feed button for less than one second to print the preset page.
 - (2) The self-test ends automatically as it prints the following line and cuts the paper.
 - *** COMPLETED ***
 - (3) The printer goes into normal print mode upon completion of the self test.
- 5-2 If "VMSM Selection" is selected
 - (1) The following lines will be printed when the VMSM opens.

** VMSM Selection **

- 0 : Exit and reboot printer
- 1 : Print current settings
- 2 : Set Print Density
- 3 : Set Print Speed
- 4 : Set Cutting mode
- 5 : Buzzer Setting
- 6 : Set Serial Setting

- (2) Press the Feed button to run the above function.
 - ▶ Step 1 (Select Options): press the button a number of times as shown by each menu.
 - ▶ Step 2 (Enter Options): hold down the button for at least one second to apply each item selected.



If a selected item is not listed above, the list of "VMSM Selection" will be printed again. Setting the mode will be canceled if no item is selected in Step 1.
If "0: Exit and reboot printer" is not executed, the new settings will not be saved.


- (3) Hold down the Feed button for at least 1 second to save the changes. The following line will be printed before cutting the paper.

*** COMPLETED ***

6. The new settings will be automatically applied when printer resets.

◆ Recommended Papers

- TF50KS-E (Paper Thickness: 65µm); Nippon Paper Industries Co., Ltd.
- PD 150R (Paper Thickness: 75µm); New Oji Paper Mfg. Co. Ltd.
- PD 160R (Paper Thickness: 75µm); New Oji Paper Mfg. Co. Ltd.
- P350 (Paper Thickness: 62µm); Kansai Specialty Paper, Inc. (USA)
- P220AG (Paper Thickness: 65µm); Mitsubishi Paper Mills Limited
- P220A (Paper Thickness: 65µm); Mitsubishi Paper Mills Limited
- F5041 (Paper Thickness: 65µm); Mitsubishi HitecPaper Flemsburg GmbH
- P5047 (Paper Thickness: 60µm); Mitsubishi Paper Mills Limited

 The use of papers other than those recommended above may cause damage to the printer's TPH or degrade the printing quality. BIXOLON is not responsible for the damage caused by non-recommended papers.

◆ WEEE(Waste Electrical and Electric Equipment)



This marking shown on the product or its literature, indicates that is should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste and recycle, please separate this item from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

◆ Safety Precautions



WARNING & CAUTION

Is described as death, physical injuries, serious financial losses, and damage to data etc. that can be caused to the user.

Do not connect multiple products to a single or faulty power outlet.
Use only grounded power outlets that meet the industry standard. **Noncompliance may cause electric shock or fire.**



Only use authentic products from BIXOLON. **The company will not provide post-sale support for damaged or other quality issues that any fake (or refurbished) products may incur.**



Do not excessively bend or strain the power cord. Securely push the power cord all the way into the power outlet lest it remain loose. Make sure to hold the cord tight when separating it from the power outlet. Do not remove the power cord while the product is in use. **Noncompliance may cause electric shock or fire.**



Keep small accessories or other packaging materials away from young children. Beware of choking hazard. **Mishandling the product may incur injuries which may require seeking urgent medical attention.**



Keep excessive liquids away from the power cord and outlet.
If matter is smeared onto the power cords, wipe with a dry cloth. **Noncompliance may cause electric shock or fire.**



Do not allow the product to be damaged by heavy objects. **Noncompliance may cause electric shock or fire.**



If the product emits a strange sound, burning smell, or smoke, turn off the power immediately and unplug the power cord. If the product is dropped or its exterior is damaged, turn off the power immediately and unplug the power cord. Do not subject the product to shock. **It may start a fire. It may damage the product.**



Install the product in a well-ventilated area by keeping it a certain distance from the wall. The product installed in certain places such as where a lot of heat is generated, where the temperature is too high or too low, where there is a lot of moisture or water, and at airports or stations that are used continuously for a long time may suffer serious quality problems due to the influence of the surrounding environment. **An increase in internal temperature may start a fire. Be sure to contact the place of purchase before installing the product.**



Install the product in a fixed place preventing it from tipping over. When moving the product, turn off the power and disconnect all connected cables, including the power cord. **It may damage the product.**



Never independently disassemble, repair, or modify the product as the warranty will become invalid. **When repair is necessary, contact the original place of purchase.**



Do not let any foreign substances enter the product. Do not place heavy objects, liquids, or metals on the product. **This could cause damage to the product or a fire.**



If there is a problem with the product, please contact the original place of purchase or through BIXOLON website's product repair page (<http://www.bixolon.com>).



◆ 안내

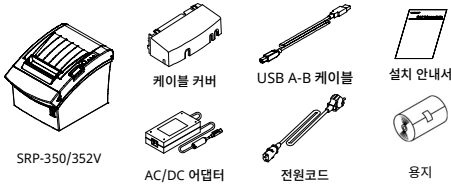
본 설치 안내서는 제품 설치에 필요한 간단한 정보만 기록하고 있습니다.

자세한 설치 안내는 비식론 홈페이지(<http://www.bixolon.com>)의 다운로드 페이지에서 제공되는 Software 및 Document 를 참고하십시오.

1. 매뉴얼: 사용자 매뉴얼, 코드북, 제어명령, 소프트웨어 매뉴얼
2. 드라이버(Driver): Windows, OPOS, Java/POS, CUPS(Linux, Mac), 가상 시리얼포트(USB 및 Ethernet 용)
3. 소프트웨어 개발도구(SDK): UPOS SDK(iOS, Android)
4. 유틸리티(Utility): 통합 POS 유틸리티(Unified POS Utility), 네트워크 설정 도구(Net Configuration Tool), 안드로이드 유틸리티(Android Utility), iOS 유틸리티(iOS Utility)

저희 (주)비식론은 제품의 기능과 품질 향상을 위하여 지속적인 개선을 하고 있습니다.
이로 인하여 제품의 사양과 매뉴얼의 내용은 사전 통보 없이 변경될 수 있습니다.
(주)비식론의 본사 및 지사 주소와 전화번호는 비식론 홈페이지를 참고하시기 바랍니다.

◆ 내용을 확인

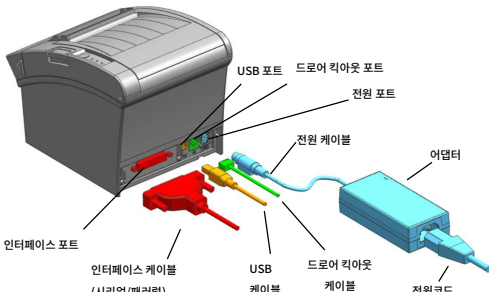


◆ 케이블 연결

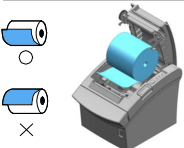
1. 프린터와 주변 기기의 전원을 끕니다.
2. 전원 코드를 어댑터에 연결하고, 어댑터를 프린터의 전원 포트에 연결합니다.
3. 프린터 뒷면에 있는 인터페이스 종류(USB, 시리얼, 패러럴, 이더넷)를 확인하고, 인터페이스 포트에 케이블을 연결합니다.
4. 프린터 현금 서랍(드라이어 키킴아웃) 포트에 현금 서랍(드라이어 키킴아웃) 케이블을 연결합니다.



어댑터는 반드시 공급된 제품만을 사용하세요.



◆ 용지 설치



1. 커버 열림 버튼을 눌러 프린터 커버를 엽니다.
2. 새로운 용지를 올바른 방향으로 삽입합니다.
3. 약간의 용지를 당긴 다음, 프린터 커버를 닫습니다.

용지가 틀리거나 걸릴 수 있도록 프린터 커버의 가운데를 눌러 확실하게 닫아주세요.
권장용지를 사용하지 않을 경우 인쇄품질이 저하될 수 있습니다.

◆ 조작부 사용



- 전원(LED)
프린터에 전원이 켜져 있을 경우 전원 LED 가 켜집니다.
- 오류(LED)
용지 없음, 커버 열림 등 오류가 발생하였을 때 오류 LED 가 켜집니다.
- 용지(LED)
용지가 거의 다 소모되었거나 용지가 없을 때 종이 LED 가 켜집니다.
셀프 테스트 대기 상태이거나 메모리 실행 대기 중일 때 종이 LED 가 깜빡입니다.
- 이송(버튼)
이송 버튼을 한번 누르면 용지 한 라인이 배출됩니다.
이송 버튼을 3 초 이상 누르고 있으면 용지를 연속적으로 배출할 수 있습니다.

◆ 셀프 테스트

셀프 테스트를 통해 프린터가 제대로 작동되고 있는지 확인할 수 있습니다.
셀프 테스트로 인쇄, ROM 버전, 메모리 스위치 설정을 확인합니다.

1. 용지가 정상적으로 설치되어 있는지 확인하십시오.
2. 이송 버튼을 누른 상태에서 전원을 켜십시오. 셀프 테스트가 시작됩니다.
3. 프린터는 ROM의 버전과 같은 프린터의 현재 상태를 인쇄합니다.
4. 프린터의 현재 상태를 인쇄하고 난 후, 다음과 같은 문구를 인쇄한 후 멈춥니다. (종이 표시등은 계속 깜빡입니다.)

SELF-TEST PRINTING.

다음은 실행하려면 버튼으로 선택하십시오.
테스트인쇄 계속 수행 : 버튼을 짧게 누름
메모리 스위치 설정모드 : 버튼을 길게 누름

5. 테스트 인쇄를 계속 하기 위해서는 이송 버튼을 짧게 누르거나
가상 메모리 스위치 관리(VMSM)를 하기 위해 이송버튼을 1 초 이상 길게 누릅니다.
5-1 버튼을 짧게 눌러 "테스트인쇄 계속 수행"을 선택할 경우
(1) 이송버튼을 1 초 이하로 누르면 프린터는 미리 제작된 문자 형식을 인쇄합니다.
(2) 셀프 테스트는 자동으로 끝나고 다음과 같은 문구를 인쇄한 후 용지를 절단합니다.

*** COMPLETED ***
(3) 프린터는 셀프 테스트가 끝나면 바로 정상 상태가 됩니다.

- 5-2 "메모리 스위치 설정모드"를 선택할 경우

(1) 메모리 스위치 설정모드에 진입하면 다음과 같은 문구를 인쇄합니다.

** 메모리 스위치 설정모드 **

- 0: 설정 저장 및 종료
- 1: 현재 메모리 스위치 정보 인쇄
- 2: 인쇄속도 설정
- 3: 인쇄속도 설정
- 4: 용지절단 모드 설정
- 5: 부처 설정
- 6: 시리얼 통신 설정

(2) 위의 기능을 실행하기 위해서는 아래와 같이 이송 버튼을 동작 눌러주세요.

- ▶ 단계 1(설정 항목 선택): 원하는 설정 메뉴를 선택하기 위해 각 메뉴 앞에 표시된 숫자의 동일한 횟수만큼 버튼을 짧게 눌러주세요.
- ▶ 단계 2(설정 항목 진입): 1 초동안 버튼을 길게 누르면 선택된 항목이 반영됩니다.

상기 설정 목록에 없는 항목을 선택하였을 경우 "메모리 스위치 설정모드" 목록을 다시 인쇄합니다. 단계 1 에서 선택한 항목이 없으면 모드 설정이 취소됩니다.
"0: 설정 저장 및 종료"기능이 실행되지 않으면 설정정보는 프린터에 저장되지 않습니다.

- (3) 기능 변경이 완료되면 변경된 기능을 저장하기 위해 이송 버튼을 1 초동안 길게 눌러주세요.
다음과 같은 문구를 인쇄한 후 용지를 절단합니다.

*** 설정 완료 ***

6. 프린터가 재부팅 되면 변경된 설정 정보가 반영됩니다.

◆ 권장 용지

- TF50KS-E (Paper Thickness: 65µm); Nippon Paper Industries Co., Ltd.
- FD 150R (Paper Thickness: 75µm); New Oj Paper Mfg. Co., Ltd.
- FD 160R (Paper Thickness: 75µm); New Oj Paper Mfg. Co., Ltd.
- F950 (Paper Thickness: 62µm); Kansoki Specialty Paper, Inc. (USA)
- P220AG (Paper Thickness: 65µm); Mitsubishi Paper Mills Limited
- P220A (Paper Thickness: 65µm); Mitsubishi Paper Mills Limited
- F5041 (Paper Thickness: 65µm); Mitsubishi HitecPaper Flensburg GmbH
- P5047 (Paper Thickness: 60µm); Mitsubishi Paper Mills Limited



- 권장 용지를 미 사용할 경우 오토 커터, TPH 손상 및 인쇄 품질 문제가 발생될 수 있으며 문제 발생 시 당사에서는 책임을 지지 않습니다.
- 타 용지 사용 시에도 권장 용지와 동등한 수준의 용지를 사용 바랍니다.

◆ 안전상의 경고



주의 & 경고

사용자의 사망 또는 신체적 손상, 심각한 재산상의 손상,

데이터 등의 정보 손상을 일으킬 가능성이 있는 내용을 설명합니다.

하나의 콘센트에 여러 제품을 동시에 연결하지 마세요. 할거 콘센트는 사용하지 마세요. 콘센트는 규격 제품을 사용하세요. 반드시 정지된 콘센트에 전원 코드를 연결하세요. **감전 및 화재의 위험이 있습니다.**



반드시 비손론에서 공급하는 정품만 사용하세요. **유사품(제3품) 사용으로 인한 제품 손상에 대한 품질 및 A/S 책임을 지지 않습니다.**



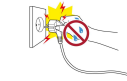
전원 코드를 물리거나 구부리거나 끊어당기지 마세요. 전원 코드가 흔들리거나 특 악력 끝까지 잡혀서 끊어 주세요. 전원 코드를 콘센트에 분리할 때에는 반드시 코드를 잡고 분리해 주세요. 제품 사용 중에는 전원 코드를 잡지 마세요. **감전 및 화재의 위험이 있습니다.**



소형 직배선 또는 공용 플러그 이외의 손에 닿지 않는 곳에 보관하세요. 여기가 닿지 않도록 주의하세요. **제품을 잘못 다루다 하여 부상의 위험이 있습니다. 만약 아이가 상해를 입는다면 즉시 의사와 상담하세요.**



전원 코드를 꽂을 때 힘을 때 칠은 손으로 만지지 마세요. 전원 코드의 빈 부위 또는 콘센트에 이물질이 들어 있을 때에는 미른 천으로 깨끗이 닦아주세요. **감전 및 화재의 위험이 있습니다.**



무거운 물건에 놓리지 않도록 주의하세요. **감전 및 화재의 위험이 있습니다.**



제품에서 이상한 소리, 타는 냄새, 연기나 먼지 등 이상 현상을 보고 전원 코드를 뽑아주세요. 제품을 열어서의 과열된 경우 즉시 전원을 끄고 전원 코드를 뽑아주세요. 제품이 울격을 주지 마세요. **화재의 위험이 있습니다. 제품 손상의 위험이 있습니다.**



제품은 벽에 밀착 가리거나 물이 통풍이 잘리는 곳에 설치하세요. 미세 먼지가 많이 발생하는 곳, 온도기 너무 높거나 낮은 곳, 습기나 물이 많은 곳, 향신료 안쪽 등으로 사용하는 등 향이나 연통 특이한 장소에 설치된 제품은 주변 환경 등으로 심각한 품질 문제가 발생할 수 있습니다. **내부 온도 상승으로 인한 화재의 위험이 될 수 있습니다. 반드시 구입처에 문의 후 설치하세요.**



제품이 넘어지지 않도록 고정된 장소에 설치하세요. 제품을 옮길 때에는 전원을 끄고 전원 코드 등 제품에 연결된 모든 선을 뽑아주세요. 제품을 옮기거나 옮길 때에는 떨어뜨리지 마세요. **제품 손상의 위험이 있습니다.**



사용자 임의로 절대 분리, 수리, 개조하지 마세요. **수리가 필요할 때에는 구입처로 연락하세요.**



제품 내부에 이물질이 들어가지 않도록 주의하세요. 제품 위에 무거운 물건이나 액체류나 금속류를 올려놓지 마세요. **화재의 위험이 있습니다. 제품 손상의 위험이 있습니다.**



제품의 문제가 생겼을 경우 구입처로 연락하세요. 또한 비손론 홈페이지 (<http://www.bionton.co.kr>) 에서 제품 수리 동영상과 계강하고 있습니다.



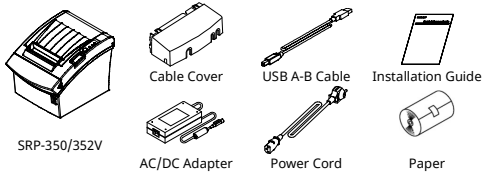
Information

This installation guide contains essential information required for product installation. Please refer to the Software on the Download section of the BIXOLON website (<http://www.bixolon.com>) for further information.

1. Manual: User's Manual, Code Table, Control Commands, Software manuals
2. Driver: Windows, OPOS, CUPS (Linux, Mac), VCOM (USB, Ethernet)
3. SDK: UPOS SDK (iOS, Android)
4. Utility: Unified POS Utility, Net Configuration Tool, Android Utility, iOS Utility

BIXOLON maintains an ongoing effort to enhance and upgrade the functions and quality of all its products. In following, product specifications and/or user manual content may be changed without prior notice. Please refer to the BIXOLON website for the addresses and phone numbers of the company's headquarters and branch offices.

Components

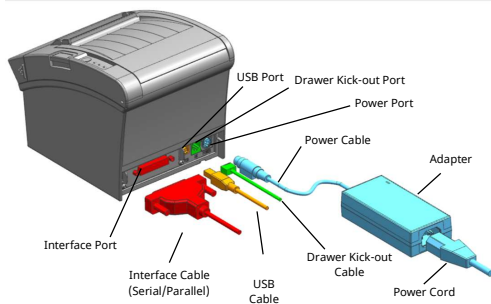


Cable Connection

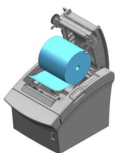
1. Turn off the printer and peripheral devices.
2. Connect the power cord to the adapter and connect the adapter to the power port connector of the printer.
3. Check the type of the interfaces at the back of the printer (USB, Serial, Parallel and Ethernet) and connect the interface cable.
4. Connect the drawer kick-out cable to the drawer kick-out port of the printer.



Do not use an adapter that was not supplied with the printer.



Installing Paper Roll



1. Push the Cover Open Button to open the Printer Cover.
2. Insert new roll paper in the correct direction.
3. Pull the paper out slightly and close the Printer Cover.



When closing the Printer cover, press down on the center of the cover to ensure that the paper is in contact with the roller. Printing quality may not be optimum if recommended paper is not used.

Using Control Panel



- Power (LED)
The Power LED is on whenever the printer is on.
- Error (LED)
Red light will be on in various error conditions such as out of paper, cover open, etc.
- Paper (LED)
Red LED will be lit when the paper roll is running low. The LED keeps blinking when the printer is in self-test standby mode or macro execution standby mode.
- Feed (Button)
Press this button to feed the paper out.
Hold down this button to feed out the paper continuously.

Self-Test

The printer's functionality can be checked through the self-test. Printing quality, ROM version, and memory switch settings can be checked through the self-test function.

1. Check whether paper is inserted correctly.
2. Turn on the power while holding down the Feed button and the self-test procedure will begin.
3. The printer will print out details of its current status including which version of ROM.
4. After printing out its current status of printer, the printer will print following lines and wait for the next step (paper light will keep blinking).

SELECT MODES BY PRESSING FEED BUTTON.

Continuous SELF-TEST: Less than 1 second

VMSM Selection : 1 second or more

5. Press the Feed button to resume printing or hold down the button for at least one second to change the VMSM settings.
- 5-1 If "Continuous Self-Test" is selected
 - (1) Press the Feed button for less than one second to print the preset page.
 - (2) The self-test ends automatically as it prints the following line and cuts the paper.

*** COMPLETED ***

- (3) The printer goes into normal print mode upon completion of the self test.
- 5-2 If "VMSM Selection" is selected
 - (1) The following lines will be printed when the VMSM opens.

** VMSM Selection **

- 0 : Exit and reboot printer
- 1 : Print current settings
- 2 : Set Print Density
- 3 : Set Print Speed
- 4 : Set Cutting mode
- 5 : Buzzer Setting
- 6 : Set Serial Setting

- (2) Press the Feed button to run the above function.
 - ▶ Step 1 (Select Options): press the button a number of times as shown by each menu.
 - ▶ Step 2 (Enter Options): hold down the button for at least one second to apply each item selected.



If a selected item is not listed above, the list of "VMSM Selection" will be printed again. Setting the mode will be canceled if no item is selected in Step 1.

If "0: Exit and reboot printer" is not executed, the new settings will not be saved.


- (3) Hold down the Feed button for at least 1 second to save the changes. The following line will be printed before cutting the paper.

*** COMPLETED ***

6. The new settings will be automatically applied when printer resets.

◆ Recommended Papers

- TF50KS-E (Paper Thickness: 65µm); Nippon Paper Industries Co., Ltd.
- PD 150R (Paper Thickness: 75µm); New Oji Paper Mfg. Co. Ltd.
- PD 160R (Paper Thickness: 75µm); New Oji Paper Mfg. Co. Ltd.
- P350 (Paper Thickness: 62µm); Kansai Specialty Paper, Inc. (USA)
- P220AG (Paper Thickness: 65µm); Mitsubishi Paper Mills Limited
- P220A (Paper Thickness: 65µm); Mitsubishi Paper Mills Limited
- F5041 (Paper Thickness: 65µm); Mitsubishi HitecPaper Flemsburg GmbH
- P5047 (Paper Thickness: 60µm); Mitsubishi Paper Mills Limited

 The use of papers other than those recommended above may cause damage to the printer's TPH or degrade the printing quality. BIXOLON is not responsible for the damage caused by non-recommended papers.

◆ WEEE(Waste Electrical and Electric Equipment)



This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste and recycle, please separate this item from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources. Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling. Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

◆ Safety Precautions



WARNING & CAUTION

Is described as death, physical injuries, serious financial losses, and damage to data etc. that can be caused to the user.

Do not connect multiple products to a single or faulty power outlet.
Use only grounded power outlets that meet the industry standard. **Noncompliance may cause electric shock or fire.**



Only use authentic products from BIXOLON. **The company will not provide post-sale support for damaged or other quality issues that any fake (or refurbished) products may incur.**



Do not excessively bend or strain the power cord. Securely push the power cord all the way into the power outlet lest it remain loose. Make sure to hold the cord tight when separating it from the power outlet. Do not remove the power cord while the product is in use. **Noncompliance may cause electric shock or fire.**



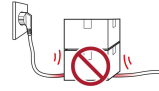
Keep small accessories or other packaging materials away from young children. Beware of choking hazard. **Mishandling the product may incur injuries which may require seeking urgent medical attention.**



Keep excessive liquids away from the power cord and outlet.
If matter is smeared onto the power cords, wipe with a dry cloth. **Noncompliance may cause electric shock or fire.**



Do not allow the product to be damaged by heavy objects. **Noncompliance may cause electric shock or fire.**



If the product emits a strange sound, burning smell, or smoke, turn off the power immediately and unplug the power cord. If the product is dropped or its exterior is damaged, turn off the power immediately and unplug the power cord. Do not subject the product to shock. **It may start a fire. It may damage the product.**



Install the product in a well-ventilated area by keeping it a certain distance from the wall. The product installed in certain places such as where a lot of heat is generated, where the temperature is too high or too low, where there is a lot of moisture or water, and at airports or stations that are used continuously for a long time may suffer serious quality problems due to the influence of the surrounding environment. **An increase in internal temperature may start a fire. Be sure to contact the place of purchase before installing the product.**



Install the product in a fixed place preventing it from tipping over. When moving the product, turn off the power and disconnect all connected cables, including the power cord. **It may damage the product.**



Never independently disassemble, repair, or modify the product as the warranty will become invalid. **When repair is necessary, contact the original place of purchase.**



Do not let any foreign substances enter the product. Do not place heavy objects, liquids, or metals on the product. **This could cause damage to the product or a fire.**



If there is a problem with the product, please contact the original place of purchase or through BIXOLON website's product repair page (<http://www.bixolon.com>).



دليل تثبيت الطابعة ودليل السلامة

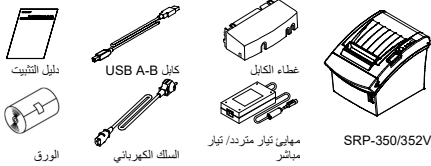
SRP-350/352V الطابعة الحرارية

المعلومات

يحتوي دليل التثبيت هذا على المعلومات الضرورية المطلوبة لتثبيت المنتج. لمزيد من المعلومات، يرجى الرجوع إلى "البرمجيات" في قسم "التثبيت" على موقع BIXOLON على الإنترنت (<http://www.bixolon.com>).

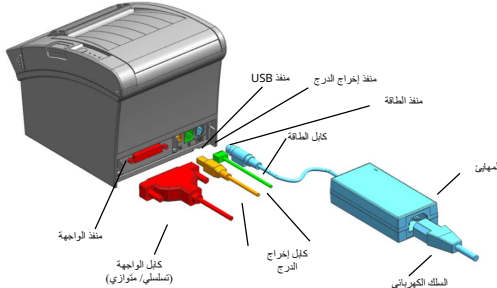
1. دليل المستخدم، وجهد الأكواد، وأوامر التحكم، ودلائل البرمجيات
 2. نظام التشغيل: iOS, VCOM (Windows, OPOS, CUPS, إيثرنت)
 3. SDK: UPOS SDK (Android)
 4. الأدوات المساعدة: أداة المساعدة الموحدة، أداة تكوين الشبكة، أداة أندرويد المساعدة، أداة iOS المساعدة
- تسمى BIXOLON جاهدة باستمرار لتسليم وتزويدهم بمنتجاتها. وبناءاً عليه، يمكن أن تتغير مواصفات المنتج و/ أو محتويات دليل المستخدم بدون إشعار مسبق.
- يرجى الرجوع إلى موقع BIXOLON على الإنترنت للتعرف على العناوين وأرقام الهاتف الخاصة بمقر الشركة ومكاتب الفروع.

المكونات



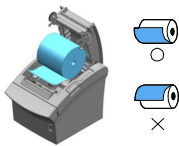
توصيل الكابل

1. افق تشغيل الطابعة والأجهزة الطرفية.
 2. وصل السلك الكهربائي بالمهبطي وصل المهبطي بموصل منفذ الطاقة بالطابعة.
 3. تحقق من نوع الوجهات في الجانب الخلفي من الطابعة (USB، تسلسلي، متوازي، إيثرنت) وقم بتوصيل كابل الواجهة.
 4. وصل كابل إخراج الدرج بمنفذ إخراج الدرج في الطابعة.
- لا تستخدم أي مهبطي آخر غير المزود مع الطابعة.



تثبيت لفة الورق

1. اضغط زر فتح الغطاء لفتح حذاء الطابعة.
2. أدخل لفة الورق الجديدة في الاتجاه الصحيح.
3. اسحب الورق إلى الخارج قليلاً واطق غطاء الطابعة.



عند غلق غطاء الطابعة، اضغط على منتصف الغطاء لتأكد من أن الورق بلاس الأسطوانة أو اللفة. لا تحصل على جودة طباعة مثالية في حالة عدم استخدام نوع الورق الموصى به.

استخدام لوحة التحكم

- الطاقة (مؤشر أبيض)
- عمل مؤشر يد الخاص بالطابعة عندما تكون الطابعة عملة.
- خطأ (مؤشر أحمر)
- يعمل الضوء الأحمر في حالات الخطأ المختلفة مثل نفاد الورق والغطاء مفتوح وما في ذلك.
- الورق (مؤشر أبيض)
- يظهر مؤشر الضوء الأحمر عندما يقل حجم لفة الورق.
- يومض مؤشر أبيض باستمرار عندما تكون الطابعة في نمط الاستعداد للاختيار الذاتي أو نمط الاستعداد لتنفيذ الماكرو.
- التفتيح (زر)
- اضغط هذا الزر لتنظيف بالورق.
- اضغط هذا الزر مع الاستمرار لتنظيف بالورق باستمرار.

الاختيار الذاتي

يمكن التحقق من وظائف الطابعة من خلال الاختيار الذاتي. يمكن استخدام وظيفة الاختيار الذاتي للتحقق من جودة الطباعة وإصدار ROM وإعدادات تبديل الذاكرة.

1. تحقق من إدخال الورق بشكل صحيح.
 2. شغل الطاقة أثناء الضغط باستمرار على زر الاختيار الذاتي المستمر.
 3. ستقوم الطابعة بطباعة تفاصيل حالتها الحالية بما في ذلك إصدار ROM.
 4. بعد طباعة الحالة الحالية للطابعة، ستقوم الطابعة بطباعة السطور التالية وتنتظر الخطوة التالية (يسمى الضوء ذال على الورق في الموضع).
- تحديد النمط والضغط على زر التفتيح**
- الاختيار الذاتي المستمر: أقل من ثمانية وثلاثة**
- تحديد VMSM: ثمانية واحد أو أكثر**
5. اضغط زر التفتيح لاستئناف الطباعة أو اضغط مع الاستمرار لمدة ثانية على الأقل لتغيير إعدادات VMSM.

- 1-5 في حالة تحديد "الاختيار الذاتي المستمر"
 - 1) اضغط زر التفتيح لأقل من ثمانية لطباعة صفحة الضغط المسبق.
 - (2) ينهي الاختيار الذاتي تلقائياً بطباعة السطر التالي نفس اللفة.
- *** مكتمل ***
- (3) تذهب الطابعة إلى نمط الطباعة العادية عند اكتمال الاختيار الذاتي.
 - 2-5 في حالة تحديد "تحديد VMSM"
 - (1) سيتم طباعة السطور التالية عند فتح VMSM.
- *** تحديد VMSM ***

- 0: الخروج وإعادة تشغيل الطابعة
- 1: طباعة الإعدادات الحالية
- 2: ضبط كثافة الطباعة
- 3: ضبط سرعة الطباعة
- 4: ضبط نمط القص
- 5: إعداد الجرس
- 6: ضبط الإعدادات التسلسلي

- (2) اضغط زر التفتيح لتشغيل الوظيفة المذكورة أعلاه.
 - الخطوة 1 (تحديد الخيار): اضغط الزر لعدد من المرات كما هو موضح في كل قائمة.
 - الخطوة 2 (إدخال الخيار): اضغط الزر باستمرار لمدة ثانية على الأقل لتطبيق كل عنصر محدد.
- إذا كان العنصر المحدد غير مدرج أعلاه، سيتم طباعة قائمة "تحديد VMSM" مرة أخرى. سيتم إلغاء الإعداد إذا لم يتم تحديده في الخطوة 1.
- في حالة عدم تنفيذ "0"، خروج وإعادة تشغيل الطابعة، لأن يتم حفظ الإعدادات الجديدة.
- (3) اضغط مع الاستمرار زر التفتيح لمدة ثانية على الأقل لحفظ التغييرات.
 - سيتم طباعة السطور التالية قبل قص الورق.

*** مكتمل ***

6. سيتم تطبيق الإعدادات الجديدة تلقائياً بعد إعادة تعيين الطابعة.

أنواع الورق الموصى بها

TF50KS-E	(سك الورق: 65 ميكرومتر) شركة نيبون لصناعات الورق المحدودة
PD 150R	(سك الورق: 75 ميكرومتر) شركة New Oji Paper Mfg المحدودة
PD 160R	(سك الورق: 75 ميكرومتر) شركة New Oji Paper Mfg المحدودة
P350	(سك الورق: 62 ميكرومتر) شركة كينسكي سيبيونتي الورق (الولايات المتحدة الأمريكية)
P220AG	(سك الورق: 65 ميكرومتر) شركة Mills الورق Mitsubishi Paper المحدودة
P220A	(سك الورق: 65 ميكرومتر) شركة Mills الورق Mitsubishi Paper المحدودة
F5041	(سك الورق: 65 ميكرومتر) شركة HitecPaper Mitsubishi المحدودة
P5047	(سك الورق: 60 ميكرومتر) شركة Mills الورق Mitsubishi Paper المحدودة

قد يؤدي استخدام أنواع ورق بخلاف تلك الموصى بها أضراراً إلى تلف رأس الطباعة الحرارية (TPH) للطابعة أو تلفي جودة الطباعة. BIXOLON ليست مسؤولة عن الأضرار التي قد تنتج عن استخدام نوع ورق غير الموصى به.

نفايات الأجهزة الكهربائية والإلكترونية (WEEE)

تشر هذه العلامة التي توضح على المنتج أو على المواد الخاصة به إلى أنه لا ينبغي التخلص من النفايات المنزلية الأخرى بعد انتهاء عمرها التشغيلي، وأن يجب الحذر المرحلي على البيئة أو صحة الإنسان نتيجة التخلص من النفايات بشكل غير خاضع للرقابة، يرجى فصل هذا العنصر عن أنواع النفايات الأخرى وإعادة تدويره بطريقة مسؤولة لتعظيم إعادة استخدام الموارد المادية بشكل مستدام. يجب على مستخدمي الأجهزة المنزلية الاتصال بما يتأخر العنصر الذي تحتويه المنتج أو بالمنتجات الكهربي المحلي للتعرف على التفاصيل الخاصة به وكيف يمكن أخذ المنتج لإعادة تدويره بطريقة آمنة بيئياً. يجب على المستخدمين التجاريين الاتصال بالورد الخاص بهم ومراجعة التعليمات والشروط والأحكام الواردة في عقد الشراء. لا يجب الخلط بين هذا النفايات والنفايات التجارية الأخرى: عند الإزالة.

احتياطات السلامة

التحذير والتنبيه

توصف بأنها ولفه وأصبايات جسيمة وخسائر مالية خطيرة وأضرار تلحق بالبيئات وما إلى ذلك ويمكن أن تلحق بالمستخدم.



لا تستخدم سوى المنتجات الأصلية من BIXOLON. إن قدم التربة أو غير ما بعد البيع في حالة التلف أو المشغل الأخرى المتعلقة بالعودة التي يمكن أن تحدث نتيجة لاستخدام منتجات مقلدة (أو مزيفة).

لا تلم بوصول الجهد من المنتجات مقياس كهرباء أحادي أو مجيب. لا تستخدم سوى مقياس كهرباء موزونة التي معيار الصناعة. يمكن أن يتسبب عدم التوافق في الصدمة الكهربائية أو الحرق.

استخدم إمدادات المسحوق أو مواد التغليف الأخرى بما عدا عن إمدادات المنتج. يمكن أن يؤدي سوء التوافق مع المنتج إلى حدوث أضرار في نظام التمسك وحدة الحماية.

لا تلم على أو شد السلك الكهربائي أكثر من اللازم. ادخل السلك الكهربائي بشكل كامل في مقبس الكهرباء حتى تمت التغطية بأكملها عن الإمداد. استخدم دائمًا قفص من مقبس الكهرباء. ولا تلم على الكهرباء أثناء الاستخدام. لا تسمح بوصول عدم التوافق في الصدمة الكهربائية أو الحرق.

لا تعرض المنتج للأشياء الثقيلة حتى لا يحدث تلف. يمكن أن يتسبب عدم التوافق في الصدمة الكهربائية أو الحرق.

احتفظ بوسائل الرقابة بعيدا عن سلك الكهرباء والمقابس. في حالة تلف سلك الكهرباء بأي مواد، استبدلها بقطعة قماش سميكة. يمكن أن يتسبب عدم التوافق في الصدمة الكهربائية أو الحرق.

لا تعيد المنتج في منطقة قريبة من مكانه على مسافة كبيرة من المكان الذي كان المنتج يعمل فيه. يمكن أن يؤدي هذا إلى حدوث أضرار. يرجى قراءة دليل المستخدم بعناية. يرجى قراءة دليل المستخدم بعناية. يرجى قراءة دليل المستخدم بعناية. يرجى قراءة دليل المستخدم بعناية.

إذا كان المنتج يحتاج صيانة فورا، فغرسا أو يفتحتم معه والدة الطراز أو مدخل. توقف تشغيل الطاقة فورا وإخراج السلك الكهربائي من مقبس الكهرباء. في حالة حدوث تلف المنتج أو تعرضه لارتفاع الحرارة، توقف تشغيل الطاقة فورا وإخراج السلك الكهربائي من مقبس الكهرباء. لا تعرض المنتج لدرجات حرارة عالية في الخارج. قد يتسبب ذلك في تلف المنتج.

لا تقدم أبدًا بمنتجاتك أو إصلاح أو تعديل المنتج حتى لا يصبح الضمان لا صالحًا. يمكن أن يؤدي الإصلاح غير صحيح، اتصل بمكان الشراء الأصلي.

قد يثبت المنتج في مكان ثابت بحيث لا يكون عرضة للانقلاب. عند تحريك المنتج، توقف تشغيل الطاقة وانسحب ببطء من الكابلات الجرسية. إذا لم يكن ذلك السلك الكهربائي، قد يتسبب ذلك في تلف المنتج.

في حال وجود أي مشكلة في المنتج، يرجى الاتصال بمكان الشراء الأصلي أو الاتصال عبر صفحة إصلاح المنتجات في موقع BIXOLON على الإنترنت (<http://www.bixelon.com>).

لا تسمح لأي مواد غريبة بدخول المنتج. لا تضع أي أشياء ثقيلة أو سائلة أو معادن على المنتج. يمكن أن يتسبب ذلك في الحاق الضرر بالمنتج أو إلحاق حرق.