



ZQ110

Mobile Printer Bluetooth Connection Manual

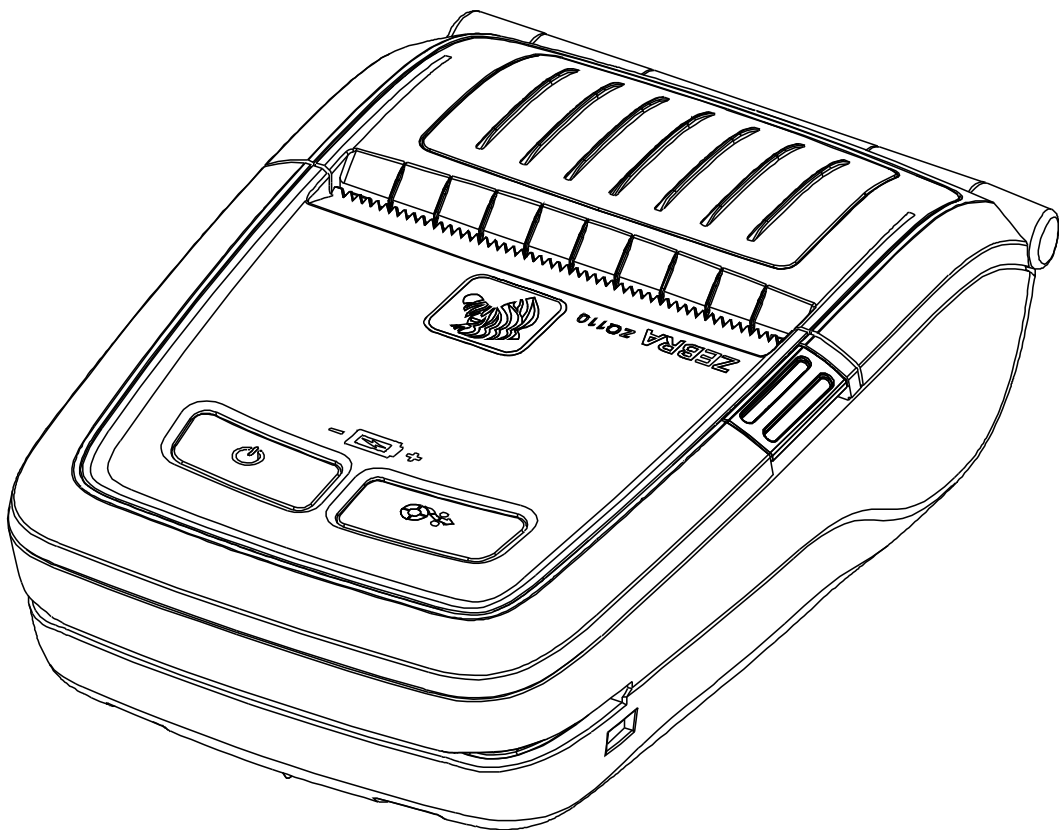


Table of Contents

1. Manual Information.....	6
2. Precautions	6
3. Made For iOS® (MFi) Mode Change	6
4. Bluetooth Connection Instructions.....	7
5. Troubleshooting.....	11

■ Proprietary Statements

This manual contains proprietary information for Zebra Technologies Corporation. It is intended solely for the information and use of parties operating and maintaining the equipment described herein. Such proprietary information may not be used, reproduced, or disclosed to any other parties for any other purpose without the expressed written permission of Zebra Technologies Corporation.

Product Improvements

Since continuous product improvement is a policy of Zebra Technologies Corporation, all specifications and signs are subject to change without notice.

FCC Compliance Statement

NOTE: This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference with radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet or circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING: Exposure to Radio Frequency radiation. To conform to FCC RF exposure requirements this device shall be used in accordance with the operating conditions and instructions listed in this manual.

NOTE: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to ensure compliance.

Changes or modifications to this unit not expressly approved by Zebra Technologies Corporation could void the user's authority to operate this equipment.

Canadian Compliance Statement

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

“IC:” before the equipment certification number signifies that the Industry Canada technical specifications were met. It does not guarantee that the certified product will operate to the user’s satisfaction.

Liability Disclaimer

Inasmuch as every effort has been made to supply accurate information in this manual, Zebra Technologies Corporation is not liable for any erroneous information or omissions. Zebra Technologies Corporation reserves the right to correct any such errors and disclaims liability resulting therefrom.

No Liability for Consequential Damage

In no event shall Zebra Technologies Corporation or anyone else involved in the creation, production, or delivery of the accompanying product (including hardware and software) be liable for any damages whatsoever (including, without limitation, damages for loss of business profits, business interruption, loss of business information, or other pecuniary loss) arising out of the use of or the results of use of or inability to use such product, even if Zebra Technologies Corporation has been advised of the possibility of such damages. Because some states do not allow the exclusion of liability for consequential or incidental damages, the above limitation may not apply to you.

Copyrights

The copyrights in this manual and the label print engine described therein are owned by Zebra Technologies Corporation. Unauthorized reproduction of this manual or the software in the label print engine may result in imprisonment of up to one year and fines of up to \$10,000 (17 U.S.C.506). Copyright violators may be subject to civil liability.

This product may contain ZPL®, ZPL II®, and ZebraLink™ programs; Element Energy Equalizer® Circuit; E3®; and AGFA fonts. Software © ZIH Corp. All rights reserved worldwide.

ZebraLink and all product names and numbers are trademarks, and Zebra, the Zebra logo, ZPL, ZPL II, Element Energy Equalizer Circuit, and E3 Circuit are registered trademarks of ZIH Corp. All rights reserved worldwide.

Monotype®, Intellifont® and UFST® are trademarks of Monotype Imaging, Inc. registered in the United States Patent and Trademark Office and may be registered in certain jurisdictions.

Andy™, CG Palacio™, CG Century Schoolbook™, CG Triumvirate™, CG Times™, Monotype Kai™, Monotype Mincho™ and Monotype Sung™ are trademarks of Monotype Imaging, Inc. and may be registered in some jurisdictions.

HY Gothic Hangul™ is a trademark of Hanyang Systems, Inc.

Angsana™ is a trademark of Unity Progress Company (UPC) Limited.

Andale®, Arial®, Book Antiqua®, Corsiva®, Gill Sans®, Sorts® and Times New Roman® are trademarks of The Monotype Corporation registered in the United States Patent and Trademark Office and may be registered in certain jurisdictions.

Century Gothic™, Bookman Old Style™ and Century Schoolbook™ are trademarks of The Monotype Corporation and may be registered in certain jurisdictions.

HGPGothicB™ is a trademark of the Ricoh company, Ltd. and may be registered in some jurisdictions.

Univers™ is a trademark of Heidelberger Druckmaschinen AG, which may be registered in certain jurisdictions, exclusively licensed through Linotype Library GmbH, a wholly owned subsidiary of Heidelberger Druckmaschinen AG.

Futura® is a trademark of Bauer Types SA registered in the United States Patent and Trademark Office and may be registered in some jurisdictions.

TrueType® is a trademark of Apple Computer, Inc. registered in the United States Patent and Trademark Office and may be registered in certain jurisdictions.

All other product names are the property of their respective owners.

All other brand names, product names, or trademarks belong to their respective holders.

©2014 ZIH Corp.

1. Manual Information

This ZQ110 Mobile Printer Bluetooth Connection Manual provides information on the connection of Bluetooth-enabled iOS devices with the printer.

2. Precautions

1. To connect the printer with another device via Bluetooth, the device must be within 10 meters of the printer. The connection will be broken if the distance between devices exceeds 10 meters.
2. The maximum distance between devices must be shortened if transmission obstacles, such as cement walls, are present.
3. If a device (such as a microwave oven, wireless LAN, etc.) that uses the same frequency is present, transmission may experience interference. Separate the printer and Bluetooth-enabled device from the interference by a distance of at least 5 meters.

3. Made For iOS® (MFi) Mode Change

MFi mode is available for Bluetooth communication. If MFi mode is enabled, Bluetooth communication will be only possible with an iOS device.

To enable or disable MFi Mode, perform the following procedure:

1. Turn on the printer power.
2. With the printer cover open, press and hold down the power button and the feed button for 2 seconds.
3. After the beep sounds, close the cover.
4. Check for the following message:
iOS mode enabled!!
Please Reboot Printer!!
5. Reboot the printer.

Repeat steps 1-5 to disable MFi mode.

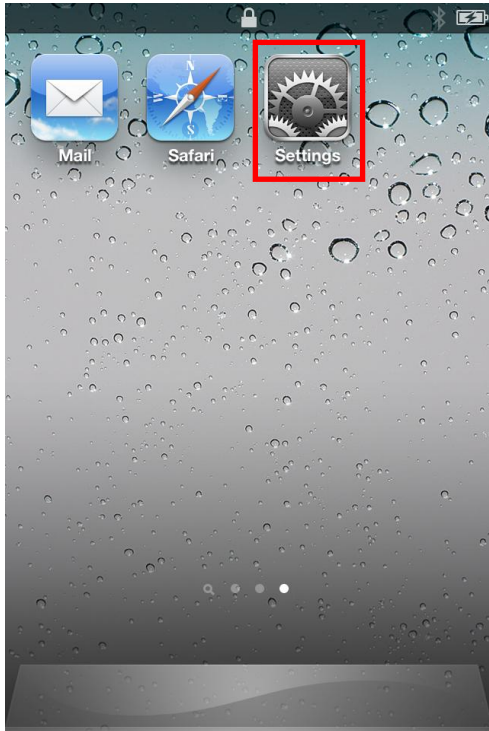
To check whether iOS Mode is enabled or disabled, perform the following procedure:

- Implement the printer's Self Test
 - a. If the firmware version is Vxx.xx STDa, iOS mode is disabled.
 - b. If the firmware version is Vxx.xx STDi, iOS mode is enabled.

4. Bluetooth Connection Instructions

To enable iOS mode, perform the following procedure:

1) Select the Settings  icon.



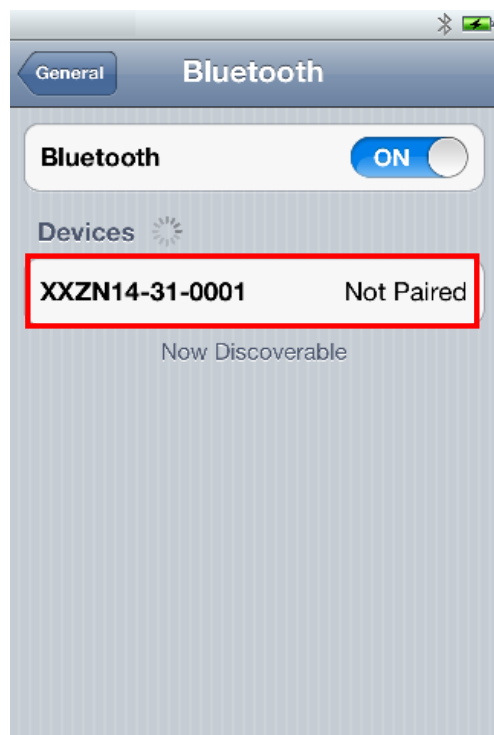
2) Select "General".



3) Select "Bluetooth".



4) Select the printer to connect.



5) Confirm PIN code for bluetooth pairing.



6) Select "Pair"



7) Bluetooth communication is connected.

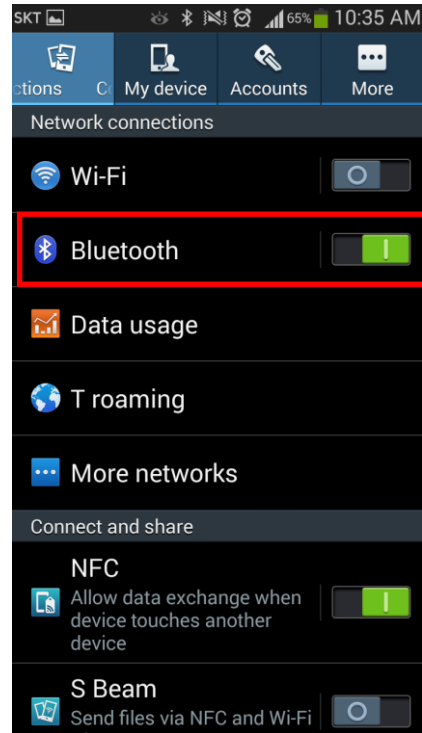


To enable Android mode (iOS mode disable), perform the following procedure:

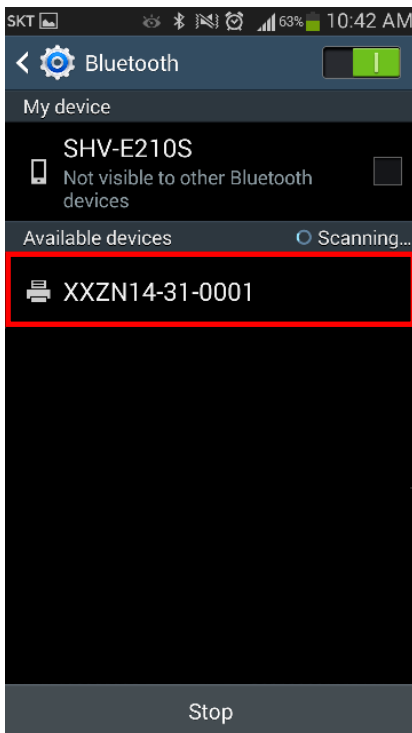
1) Select the Settings  icon.



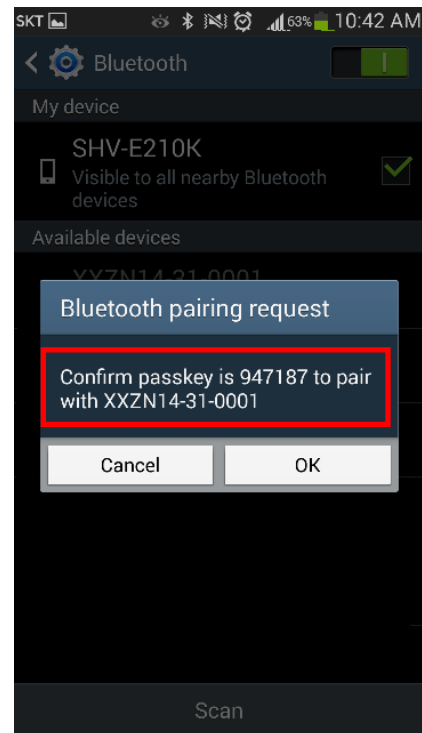
2) Select "Bluetooth".



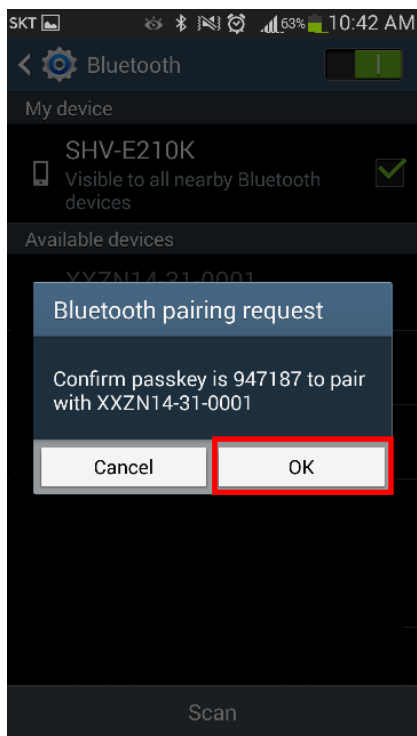
3) Select the printer to connect.



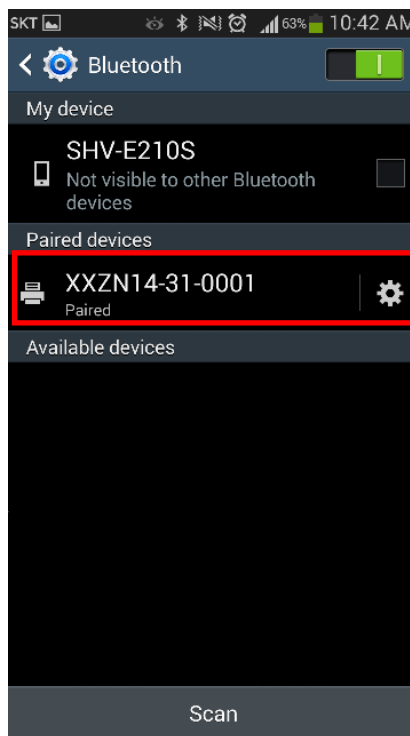
4) Confirm PIN code for bluetooth pairing.



5) Select "OK".



6) Bluetooth communication is connected.



5. Troubleshooting

If the iOS device cannot discover or pair with the printer, check the following:

1. Perform a self test to check if the printer has iOS mode enabled.
2. Check whether the printer is connected to another iOS device. (If the printer is connected to another iOS device, it cannot be discovered by (or paired with) your iOS device.)
3. Press the Feed button. If the STATUS LED blinks when you press the Feed button, it means that the printer is connected to another iOS device. You must disconnect the connection to the other iOS device, or turn on the printer again while the printer cover is opened*.

* A printer is automatically connected to the last iOS device which was connected in iOS mode. But, the printer does not make a connection to any device, if it is turned on with the printer cover open.



www.zebra.com

Zebra Technologies International, LLC

475 Half Day Road
Suite 500, Lincolnshire
Illinois 60069 USA
Phone: +1.847.634.6700
Toll-Free: +1.800.230.9494
Fax: +1.847.913.8766

Zebra Technologies Europe Limited

Dukes Meadow
Millboard Road
Bourne End
Buckinghamshire, SL8 5XF, UK
Phone: +44 (0)1628 556000
Fax: +44 (0)1628 556001