RG-MLP80B

Mobile Label Printer



REGO



User Manual V1.00

Content

| Precautions | Ι. |
|--------------------------|------|
| Safety Precautions | .II |
| Operation Precautions | .III |
| Storage Precautions | .IV |
| 1. Accessories | 1 |
| 2. Printer Part List | 2 |
| 3.OLED Display | 3 |
| 4.Preparation Before Use | 4 |
| 4.1Battery Installation | 4 |
| 4.2Battery Charge | 5 |
| 4.3Paper Installation | 6 |
| 5.Basic Operation | 7 |
| 5.1Power On | 7 |
| 5.2Power Off | 7 |
| 5.3Feed Paper | 7 |

| 6.Settings | 8 |
|---|-----|
| 6.1Basic Settings | 8 |
| 6.2Self-test | 10 |
| 6.3Self-test Information | 11 |
| 7. Interface Connection | 12 |
| 7.1USB Connection | 12 |
| 7.2Serial Connection | 12 |
| 7.3Bluetooth Connection | 14 |
| 7.4WI-FIConnection | 15 |
| 8. Specification and Features | 16 |
| 9. WI-FI Wireless Module Setting and User guide | e20 |
| 10. Appendix | 37 |

Precautions

About the manuals

We thank you for your use of RG-MLP80B mobile label printer.

Below is the introduction for all the manuals for RG-MLP80B, so that you will know how to use and develop it.

- 1. 《RG-MLP80B User Manual》: Provide detailed hardware/physical/technical information for the printer.
- 2. 《REGO Thermal Printer Technical Manual》: Provide the command information for developers.
- 3. 《RG-SetTools User Manual》: Please refer to the manual to use the tool and setup the printer parameters.

Notice:

- -In order to improve the function and performance of the product, REGO reserves the right to change the software and hardware specifications in the manuals without prior notice.
- -If you find any errors or omissions in the information mentioned in these manuals, please feedback to us or our dealer, and it will be highly appreciated.
- •Without the prior written permission of REGO, the contents of the relevant manuals attached to this product shall not be reproduced or transmitted, transcribed, stored in a retrieval system, or translated into other languages in any form or in any manner.

Statement

This product is Class A. In a normal environment, this product may cause radio interference. In this case, users may be required to take practical measures against interference.

Safety Precautions

- Be sure to use the specified battery and power supply provided by our company. Otherwise it may cause fire, explosion or damage printer, meanwhile, the battery also may be damaged.
- Don't put battery into the fire, don't disassemble or heat the battery, don't be short circuit, it may cause fire, explosion or damage printer. Meanwhile, the battery also may be damaged.
- If the printer would not be used for a long time, be sure to remove the battery, otherwise the battery may leak liquid which is corrosive liquid. If improper operation causes battery leak liquid, and it pastes in the skin or clothes, please rinse it by clean water. And if pastes in the eyes, please rinse them thoroughly by clean water and see a doctor.
- Please do not open the paper case cover when it is printing or just when printing is finished, do not touch the print head with hand or body, overheat may cause scald.
- Please do not touch the print head surface and connection cables, otherwise the static electricity may damage the print head.

Operation Precautions

- Water or other liquid should not be spilled into the printer, also the printer should not be appeared in the rain, or else may cause printer damage.
- Please do not open the paper case cover when it is printing, otherwise the printer may work improperly.
- If printer is using Serial or USB connection to work, should not unplug the Serial or USB cable, or else some printing data may be lost. When printer is using Bluetooth connection to work, the distance of communication should be within 10 meters, and when using WIFI, the distance of communication should be within 30 meters indoors and 100 meters outdoors. Otherwise the printer doesn't print or prints abnormally.
- > Too high (over 45°) or too low (below 5°) environment temperature and too high (over 85°) or too low (below 20°) environment humidity both effect the printing quality.
- The printer paper roll with poor quality or stored for too long time also may reduce the printing quality even damage the printer.
- Under the black mark detecting mode, the printer requires that the pre-printed black mark is accordant with the printing rule of black mark (please refer to details in Chapter 4.2), otherwise the black mark can not be detected correctly. While under the label detecting mode, the printer shall be accordant with the printing rule of label detection (please refer to details in Chapter 4.3).

It would be better use up the power of the battery before charge up it, as it can ensure the using life of the battery. Usually the life the battery is: it only has 80% capacity after charge and discharge 500 times. The battery performance will be decreased with the increase of the charge and discharge times.

Storage Precautions

- The printer should be placed in such an environment that the temperature is between-40°C and 70°C, and the relative humidity is between 10% and 95%.
- Normal thermal paper, label and black mark paper can't be kept too long, if you need to keep the receipt or label for a long period, please choose long-term effective thermal paper or label. The thermal paper and label should be keep away from high temperature environment and point-blank sunshine, please store it where is away from light if it has been open.
- If the printer will be stored for a long time, please be sure to remove the battery and store it separately. Otherwise may damage the battery and printer.
- > The battery shall be charged upon it stored more than 3 months, otherwise it may be damaged by self-discharging.

1. Accessories



2. Printer Parts List





3. OLED Display



B : printer model RG-MLP80B

N: normal thermal paper

U: upper black mark paper

D: down black mark paper

L: label paper

Notice:The display content will be different from

customer's different settings. Below is the meaning for

each symbol:







4. Preparation Before Use

4.1Battery Installation



Make sure to place the battery into the battery housing in the direction of the 2 arrows
Close the battery cover.

4.2 Battery Charge

Plug the USB cable with power convertor into the USB outlet of the printer.

In power off status, the printer's display screen will display the charging situation, when the battery logo at upper right

of the display disappeared, means the completion of charging.

4.3 Paper Installation

1.Press "PUSH" button, open paper case cover, and slide the two parts in the direction of arrows.



2.Pull out a part of paper and put them in the middle of the paper housing and close the paper case cover.



5.1Power On

Don't release Power button about 1 second until the printer beeps 1 time, the printer is powered on.

5.2 Power Off

Under power on status, don't release Power button about 1 second until the printer beeps 2 times, the printer is powered off.

5.3 Feeding Paper



Under the normal work status and use thermal receipt paper, press **[FED]** button, the paper feeding begins, and stop when loosen **[FED]** button. When the printer apply to black mark paper and label paper, press **[FED]** button, the printer begins to feed paper and stops over the position of black mark/label spacing. If the paper is not the black mark/ label paper, the printer stops automatically after feeds paper for 30cm.

6. Settings

6.1 Basic Settings

Setup description : Long press SETUP button to make the printer enters into setup mode, choose "V" (SETUP button) means "ok", choose "V" (FEED button) means "Next", choose "X" (POWER button) means exit setup mode and save settings.

1. Display language:

2.Printing language:







The method to set paper type, restore factory setting, paper width, auto power off, upgrade mode, Bluetooth MAC address and firmware version is same as above.

6.2 Self-test

After receiving the printer, user can check its current settings and status at anytime.

Do self-test as below: in power off, hold down FEED button then press POWER button. Release FEED and POWER button

when you hear the printer beeps, and the current settings and status will be printed out automatically.



Press FEED Button①first, then press POWER button②

6.3 Self-test Information

*** Self-lest ***

Boot Firmware: Ver 1.01 Main Firmware: 80A-100-1.12

Manufacturer: REGO Model: MLP80A

Interface: RS232,USB,BT Serial Parameter: Baud Rate: 115200 Data bit: 8 bit Parity: None Handshaking: RTS/CTS

Bluetooth Parameter: Bluetooth Ver:Dual Mode Software Ver: 5.2.6 Device Class: 040660 Device Name: RG-MLP80A Password: 1234 MAC Address: 00:02;56:00:04:ED

Language: Chinese PrintFont: 12#24 BuzzerEnable: Error ON BLackMark: OFF PaperSensor: Medium PrintDirection:Normal Command System:CPCL+ESC/PDS CodePage: CP437 PrintDensity: 10 ShutDownMode: Never ExtRAMCapacity: 32MB !"#¥%&'()*+,-,/0123456789::<=>?#ABCDEEGHT.JKI MND PQRSTUVWXYZ[\]^_`abcdefghijkLmnopgrstuvwxyz{]}~ GB180302字庫

Barcode Type: 1D: UPCA,UPCE,EAN13,EAN8,CODE39 ITF25,CODABAR,CODE93,CODE128 CODE128:



N 0 . 1 2 3 4 5 6 2D: PDF417,QR CODE,DATA Matrix QR CODE:

Build Time:10:27:15

*** Completed ***

Boot Firmware: Ver 1.00

Main Firmware: 80B-100-1.10

Interface: RS232,USB,BT

Serial Parameter:

Baud Rate:115200

Parity: None

Handshaking: RTS/CTS

Bluetooth Parameter:

Bluetooth Ver: Dual Mode

Software Ver: 5.2.6

Device Name: RG-MLP80B

Password: 1234

MAC Address: 00:02:5B:00:04:A8

Language: Chinese

PrintFont: 12*24

BuzzerEnable: Error ON

BlackMark: ON

PaperSensor: Medium

PrintDirection: Normal

Command System: CPCL+ESC/POS

CodePage: CP437

PrintDensity: 10

ShutDownMode: Never

ExtRAMCapacity: 32MB

.....

Printer information and print sample

7.1 USB Connection

The USB socket for RG-MLP80B is the standard MICRO USB-B type, follow the USB printer class protocol.

7.2 Serial Connection

RG-MLP80B serial interface is compatible with RS232C. Support RTS/CTS and XON/XOFF handshaking protocol, socket model is MICRO USB-B. See picture below: Serial interface socket pin no. Define as

| 0 |
|-------------|
| |
| ×¥ <u>∠</u> |
| Pin 1Pin 5 |

Serial interface socket pin no.

| Pin no. | Signal | Signal direction | Specification |
|---------|--------|------------------|---|
| 1 | DTR | Out | The same as RTS |
| 2 | RXD | In | Printer received the data from PC. |
| 3 | TXD | Out | The printer will be sent XON/XOFF to PC when operating the XON/XOFF handshake protocol. |
| 4 | RTS | Out | This signal reflect the printer status. SPACE indicates printer is ready, and can receive data. MARK indicates printer is busy, can receive data |
| GND | 5 | - | Signal ground |

In serial connection, user can set baud rate and data structures by "RG- SetTools". Default setting is 9600bps, 8 bits of data, data structure is no parity, and 1 stop bit.

There are 2 types of handshaking optional. 1. Hardware control, 2.X-ON / X-OFF protocol. The description of two type handshaking is as follows table:

| Handshaking | Data direction | RS-232C interface signal |
|--------------------|------------------------|------------------------------|
| Hardware control | Data can be access | RTS and DTR in Space status |
| | Data can not be access | RTS and DTR in Mark status |
| X-ON/X-OFF control | Data can be access | Send X-ON 0x11 based on TXD |
| | Data can not be access | Send X-OFF 0x13 based on TXD |

Corresponding connection relationship (Printer connects with computer DB9), see table below:

| No. | MICRO USB-B | DB9 |
|-----|-------------|-----|
| 1 | 1 | 6 |
| 2 | 2 | 3 |
| 3 | 3 | 2 |
| 4 | 4 | 8 |
| 5 | 5 | 5 |

7.3 Bluetooth Connection

The devices, such as hand-held device, laptop and other handheld data terminal with Bluetooth can drive RG-MLP80B to print by Bluetooth.RG-MLP80B is compatible with Bluetooth4.0 standard(4.0 includes 2.0,3.0 and BLE). Power class is CLASS 2, effective communication distance is 10m. The Bluetooth of the printer belongs to the slave device. The initial name of the printer is RG-MLP80B, the initial password is '1234'; users can change the printer name and password by using RG- SetTools. Please see the details in RG- SetTools User Manual.

The mobile printer need to pair with host device Bluetooth first, the pairing initiated by the master device before RG-MLP80B working. The pairing is as follows:

- 1. Power on the printer
- 2. Host device search external Bluetooth device
- 3. If there are many external Bluetooth device, choose

RG-MLP80B

- 4. Input password: 1234
- 5. Finish pairing

Note:

- a. When pairing, printer must be kept power on.
- b. When the Bluetooth of printer and host device are well-paired, printer Bluetooth will not be available for other host device connection till the printer Bluetooth disconnected from the paired host device
- c. After well-pairing, there is a signal displayed beside Bluetooth mark on the display screen of the printer.





15

7.4 WI-FI Connection

The devices, such as hand-held device, laptop and other handheld data terminal with Bluetooth can drive RG-MLP80B to print by WI-FI. The WI-FI for RG-MLP80B supports AP, STA and AP+STA all in one three modes, which is much convenient to connect with other devices via net. The default WI-FI configuration for RG-MLP80B is as below:

Device name : RG-MLP80B

AP SSID: RG-MLP80B;

AP encryption mode: OPEN, NONE;

AP IP address : 192.168.1.1;

Network parameter: TCP,SERVER,9000,192.168.1.110;

Printer IP address: DHCP,0.0.0.0,0.0.0,0.0.0;

AP mode: RG-MLP80B is as a WI-FI access point, and other device is as the WI-FI information terminal to connect with the printer.

STA mode: RG-MLP80B is as the WI-FI information terminal and connect with other device via WI-FI access point. AP+STA mode:

The STA port of RG-MLP80B can be connected with WI-FI router and connected with the server in networks via TCP. Meanwhile, the AP port for the printer is also available, mobile phone or PDA etc all can connect with this AP port to control the printer or set WI-FI.

When use WI-FI interface for first time, it requires to configure it according to Part 9.5 in details.





8.1 Printing

| Printing Method | Thermal line |
|----------------------|--|
| Paper Type | Continuous thermal paper, black mark paper, label paper. |
| Paper Width | 44 ~ 83mm |
| Paper diameter | ≤50mm |
| Valid Printing Width | ≤72mm |
| Resolution | 8dot/mm (203dpi) |
| Dot/line | ≤576dots |
| Printing Speed | ≤60mm/S |

| Paper Thickness | 60 ~ 140μm |
|------------------|---|
| Printing Content | Chinese:GB18030-2000 和 BIG5Chinese characters(16*16 and 24*24) |
| | Western: ASCII characters, Codepages, user-defined characters(12*24 and 9*17) |
| | 1D barcode:UPCA, UPCE, EAN13, EAN8, CODE39, ITF25, CODABAR, CODE93, CODE128 |
| | 2D barcode:PDF417, QR CODE, DATA Matrix |

8.2 Power Supply

|--|

8.3 Interface

| Interface RS-232, USB, 4.0 Bluetooth, WI-FI | |
|---|--|
|---|--|

8.4 Physical Parameters

| Dimension | 131(L)×124(W)×66(H)mm |
|-----------|------------------------------------|
| Weight | 360g (excluding battery and paper) |

8.5 Environment Parameters

| Operation | 0°C ~ 50°C |
|--------------------|--------------|
| Temperature | |
| Operation Humidity | 20% ~ 85% |
| Storage | -25°C ~ 70°C |
| Temperature | |
| Storage Humidity | 10% ~ 95% |

8.6 Other features

19

| Paper Loading Method | Clamshell easy loading(Please refer to 4.3 Paper Installation) |
|--------------------------------------|--|
| Black Mark and Label Space Detection | Support |
| Paper Out Detection | When paper is out, there's notice displayed on the screen and the printer beeps and stop printing. |
| Control Command | Support ESC/POS and CPCL(Please refer to 《REGO Thermal Printer Technical Manual》) |
| Power Volume | When battery power is low, it will display on the screen of the printer. |
| Battery Charging | 3.5 hours |
| Battery Duration for One Charge | Printing no less than 238m(25%print density) |

9. WI-FI Wireless Module Setting and User guide

9.1 Web Management Page Description

In the first use of WI-FI interface of RG-MLP80B, users need to set the WI-FI module. Users can connect PC with AP interface of RG-MLP80B, and set it by WEB management.

The default SSID of AP interface is RG-MLP80B. IP address, user name and passwords see below:

RG-MLP80B network default setting table

| Parameter | Default configuration |
|-------------|-----------------------|
| SSID | RG-MLP80B |
| IP address | 192.168.1.1 |
| Subnet mask | 255.255.255.0 |
| User name | admin |
| Password | admin |

9.1.1 Open Management Page

First connect PC with RG-MLP80B by wireless LAN. SSID is RG-MLP80B.

After well-connected, open IE, and enter http://192.168.1.1 in the address bar. In the pop-up dialog box enter the user name and password, and then "OK."

| /indows 安全 | |
|---------------|--|
| The server 1 | 92.168.1.1 is asking for your user name and password |
| The server i | |
| Warning: Yo | ur user name and password will be sent using basic |
| authenticatio | in on a connection that isn't secure. |
| | |
| | admin |
| | •••• |
| | Remember Password |
| | |
| | |
| | OK Cancel |



Then pop-up RG-MLP80B management web interface. This management web interface can support Chinese and English optional. Menu includes 9 pages, like SYSTEM INFORMATION, MODE SELECTION, STA SETTINGS, AP SETTINGS, OTHER SETTINGS, ACCOUNT MANAGEMENT, SOFTWARE UPGRADE, MODULE RESET, and RESTORE FACTORY DEFAULT SETTINGS.

9.1.2 System Information Page

In this page, the user can obtain the important information of current device including device serial number, firmware version, wireless networking information and related parameter settings. Also can read wireless signal strength instruction in STA mode.

| M | D | RG-MTP58B |
|------------|----------------|--------------|
| tem Si | ftware Version | V1.3.02 |
| k Mode w | Fi Work Mode | AP |
| Setting A | ? mode | |
| Setting | SSID | RG-MTP58B |
| er Setting | IP Address | 192.168.1.1 |
| ount | MAC Address | ACCF232081E1 |
| rade SW | A Mode | |
| tart | Router SSID | |
| tore | IP Address | |
| | MAC Address | |
| | | |

Pic. 5-2 System information page

9.1.3 Work Mode Selection Page

WF-FI modules of RG-MLP80B can be used as a wireless access point (AP mode), convenient for users to configure. It can also be used as a wireless information terminal (STA mode) by connection fortune server via a wireless router. It can also be configured AP + STA mode, convenient for the user to form a flexible networking.

| | | 中文 English |
|---------------|----------------------|--------------|
| | Select Mode | |
| System | | |
| Work Mode | | |
| STA Setting | | |
| AP Setting | | |
| Other Setting | Select Mode: AP mode | • |
| Account | | |
| Upgrade SW | Save | |
| Restart | | |
| Restore | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

Pic. 5-3 Work Mode selection page

9.1.4 STA Settings Page

In this page, users can click on [search] button to automatically search for nearby wireless access points and connect it by setting the network parameters. It can be connected only when encrypted information is consistent with the corresponding wireless access point.

| | | | 中文 English | | | | | |
|---------|---|----------------|--------------|-----------------|--------------------------------------|------------------------|-------|---------|
| | Named Name (APPA) | |] | Custom | Please select your cu Site Survey | rrent wireless network | | |
| | Network Name (SSID) Note: case sensitive | HF-LPB | Scan | System | SSID | BSSID | RSSI | Channel |
| em | Encryption Method | Disable T | | Work Mode | O CMCC | FC:C8:97:4D:17:BF | 22 | 1 |
| Mode | | Chause | | STA Setting | CMCC-AUTO | E:C8:97:4D:17:BF | 22 | 1 |
| Setting | Obtain an IP address automatically | Enable • | | Onviocung | TYJT-001 | A8:57:4E:A5:D1:7C | 10 | 1 |
| Jetting | IP Address | 0.0.0.0 | | AP Setting | REGO_TEST | B0:48:7A:68:66:9A | 42 | 2 |
| etting | | 0.0.0.0 | | Other Setting | SSCX_01 | A8:57:4E:FA:C5:F0 | 44 | 4 |
| Setting | Subnet Mask | 0.0.0.0 | | e uner e e unig | REGO_Printer | D8:C7:C8:C3:8:72 | 78 | 6 |
| unt | Colourse Addresse | | | Account | REGU develop | 28:2C:B2:98:5D:78 | 66 | 6 |
| ant. | Caleway Address | 0.0.0.0 | | Upgrade SW | DECO 2 | 20-DE-RD-70-40-44 | 00 | 0 |
| ade SW | DNS Server Address | 10 10 100 254 | | Restart | SSCX M | E0-7D-68-92-2-8A | 66 | 11 |
| art | | 10.10.100.2.04 | <u>.</u> | Restart | Dascom-WXBG | 6C:F3:7F:35:F6:D0 | 26 | 11 |
| ire | | | Save | Restore | | C | K Rel | fresh |

Pic. 5-4 STA settings page

Pic. 5-5 STA web search user router page

9.1.5 AP Settings Page

When select the printer working in AP or AP + STA mode, users need to set up wireless and network parameters on this page. Most systems support DHCP to automatically obtain IP. It is recommended to set the LAN DHCP parameter type as "Server", otherwise STA need to manually enter the appropriate network parameters

中立 I English

| m | Wireless AP Setting Network Mode | 11bgn 🔻 |
|---------------|---|--------------------|
| Mode | Network Name(SSID) | RG-MTP58B |
| Setting | Module MAC Address | ACCF232081E1 |
| etting | Select Channel | 2412MHz(channel 1) |
| Setting | | Save |
| unt ade SW | Wireless AP Security Setting Encryption Mode | Disable 🔹 |
| art | | Save |
| ore | Network Parameters Setting IP Address (DHCP Gateway Setting) | 192.168.1.1 |
| | Subnet Mask | 255.255.255.0 |
| | DHCP Server | Enable • |
| | | Save |

Pic. 5-6 AP settings page

9.1.6 Other Setting Page

RG-MLP80B printers WI-FI modules: Connect the module and the printer via the serial port, the serial port parameters can not be altered, otherwise, it can not work properly. In this page, Users simply set the device to communicate with the TCP layer protocol parameters fortune.

| | Serial Port Parameters Setting Baud Rate | 230400 * |
|------------|---|---------------|
| /lode | Data Bit | 8 🔻 |
| etting | Parity Bit | None 🔻 |
| ting | Stop Bit | 1 🔹 |
| Setting | CTSRTS | Enable • |
| nt | | Save |
| de SW t | Network Parameters setting Protocol | TCP-Server • |
| e | Port ID | 9100 |
| | Server Address | 192.168.1.114 |
| | TCP Time Out Setting | 300 |
| | | Save |

Pic.. 5-7 Other settings page

9.1.7 Account Management Page

This page is used to set the user-device Web Server user name and password



Pic. 5-8 Account management page

9.1.8 Software Upgrade Page

Users can update the firmware file on the local computer to upload the WI-FI modules firmware. Please consult our technical staff for detailed upload methods. If not really need to upgrade firmware, please do not arbitrarily set, or it may damage the module.



Pic. 5-9 Software upgrade page

9.1.9 Module Reset Page

After the restart, newly saved configuration parameters will be used.



9.1.10 Restore Factory Default Settings

After restore the factory settings, the user's former configuration will be deleted. Users can reconfigure at http://192.168.1.1, username and password are admin. And the system will automatically turn off STA mode wireless.



Pic.. 5-11 Restore factory default settings

9.2 WI-FI Interface Usage Instructions

9.2.1 Software Debugging Tools

You can use the following general procedure as a debugging tool for WI-FI interface (Users can also use other debugging tools) Network debugging tool: TCPUDPDbg

9.2.2 Net work Connection

There are 2 kinds of connection when debugging. Users can be tested in accordance with the actual application. Use STA interface, printer and PC connected to a wireless AP respectively, shown as below:



Pic. 5-12 STA interface connection

Use AP interface, PC connected with printer AP interface, shown as below:



Pic. 5-13 AP interface connection debugging

9.2.3 The Initial Parameters

Printer default SSID: RG-MLP80B Printer default encryption: open, none Printer default network parameters: TCP,Server,9000,192.168.1.1 ; Printer default IP address: DHCP,0.0.0,0.0.0,0.0.0.0 ;

9.2.4 Printer Test

Connection shown above to open TCPUDPDbg program in PC2, create a new connection. If printer works in Server mode, users should create a client connection, or create a server mode connection.



Pic. 5-14"TCPUDPDbg" Create connection

Then configure TCP/UDP connection parameter, default parameter shown as below

| Create Connection | | | |
|-----------------------|-----|------------|----|
| Type: TCP | • | | |
| DestIP: 192.168.1.115 | | Port: 910 | 0 |
| LocalPort C Auto | € s | pecia 4889 | 9 |
| AutoConn: | Eve | Ø | 5 |
| F Send When Conn: | Eve | | ms |

Pic. 5-15"TCPUDPDbg" configuration

Well-configuration, click "Create"

| <mark>塍 TCP&UDP测试工具 - [192.1</mark> | 68.1.115:9100] | | | |
|---|--|---|------------------------------------|---------|
| Operate (0) View (V) Windows (|) Help(H) Language | | | × |
| 🔄 🖾 CreateConn 🔕 CreateServer | 🕃 StartServer 😕 😡 😫 | Connect 😒 Spisconn | All 😹 DeleteConn 💸 [🧿 | - 😽 🖕 |
| Properties | J# 192.160.1.115:9100 DextIP: See J62.160.1.115 See DextPert: F100 Ø LocalFort W AttoCena x Eve x AttoCena x | d FAtusSend Eve Send Max F Send File | 100 as Sind Sand Baceived Clear | () b x |
| | Eve s s s s s s s s s s s s s s s s s s s | StopShow Clea | r Sava Option Shorth | x |
| | Send | Speed(B/S): 0 | Receive Speed(B/S): 0 | |

Pic. 5-16"TCPUDPDbg" connection

Then click connection button, after well-connected, users can send data via TCPUDPDbg to printer to control the printer for printing operation.

| Operate@u View@V Windows@U Help@U Language CreateComm CreateServer StatCarwor Connect Disconnall DeleteCom O S Properties P × > Send AtusSend Eve Dot ns Send StatCarwor Send Send Forerties P × P< | 🔀 TCP&UDP测试工具 - [192.1 | 58.1.115:9100] | |
|--|---------------------------------|--|-------------|
| Connect @ Discondul @ DeletConn @ 0 ? Properties | Operate (D) View (V) Windows (V | Help (H) Language | × |
| Properties 4 × Properties 4 × Properties 4 × Properties 100 Properties 100 </td <td>🔄 🔂 CreateConn 🔕 CreateServer</td> <td>🛚 StartServor 😕 🕢 😹 Connect 🧝 😂 Disconnkll 🔀 DeleteConn 🎇 🔟 🍃 🖕</td> <td></td> | 🔄 🔂 CreateConn 🔕 CreateServer | 🛚 StartServor 😕 🕢 😹 Connect 🧝 😂 Disconnkll 🔀 DeleteConn 🎇 🔟 🍃 🖕 | |
| Image: DestIf: Image | Properties 4 × | ⊯ 192. 168. 1. 115:9100 | 4 Þ × |
| Count Count Send 0 Seve (In Time) | 9192,188 1, 115:9100 | DestIf: Isead AtuSend Eve No ns Send Story [152:160.1.115] ISead Max Send File Send Received DestIf ort: [458090] V LocalFort Send Max Send File Send Received DestIf ort: [458090] Type [TCP] Interform Send Max Send File Send Received DestIf ort: [45090] Type [TCP] Interform Send Send Send Send Send Send Send Send Send Send | BroadDption |
| Send Speed(B/S): 0 Receive Speed(B/S): 0 | | Send Speed(B/S): 0 Receive Speed(B/S): 0 | |

Pic. 5-17"TCPUDPDbg" connection succeed

10. Appendix

10.1 Description of Black Mark Pre-print

If user use pre-print black mark to locate the receipt, please be sure to abide by the following black mark pre-print regulation when print the black mark paper, if not ,it will cause that the printer can not identify the black mark.

Te black mark pre-print regulations are as below:

Printing Position: As the picture above, the black mark should be printed on the right or left edge of the side of words.

Width range: width≥7mm

Height range: 4mm≤height≤6mm

Reflectivity of infrared ray : <10% (infrared ray reflectivity of other parts of the black mark paper is>65%)

HPS: it is the distance between edges of black mark and loading position.

12mm≤Hps≤14m



10.2 Label Detection Description

If the user uses the label paper, please must refer to the following specification to purchase the label paper, otherwise it may lead to the label can not be identified by the printer.

Label width : 44~83mm Label space : ≤10mm

10.3 Technical Manual

《REGO Thermal Printer Technical Manual》 is used to support the developers to develop the application with RG-MLP80B.

10.4 Printer Parameter Settings

User can use RG-SetTools by PC to setup the printer's parameters, such as language, font, print density, default codepage, printer Bluetooth name and password etc. The details please refer to RG-SetTools User Manual.

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