QS-QSETx (for single service item) series User's manual

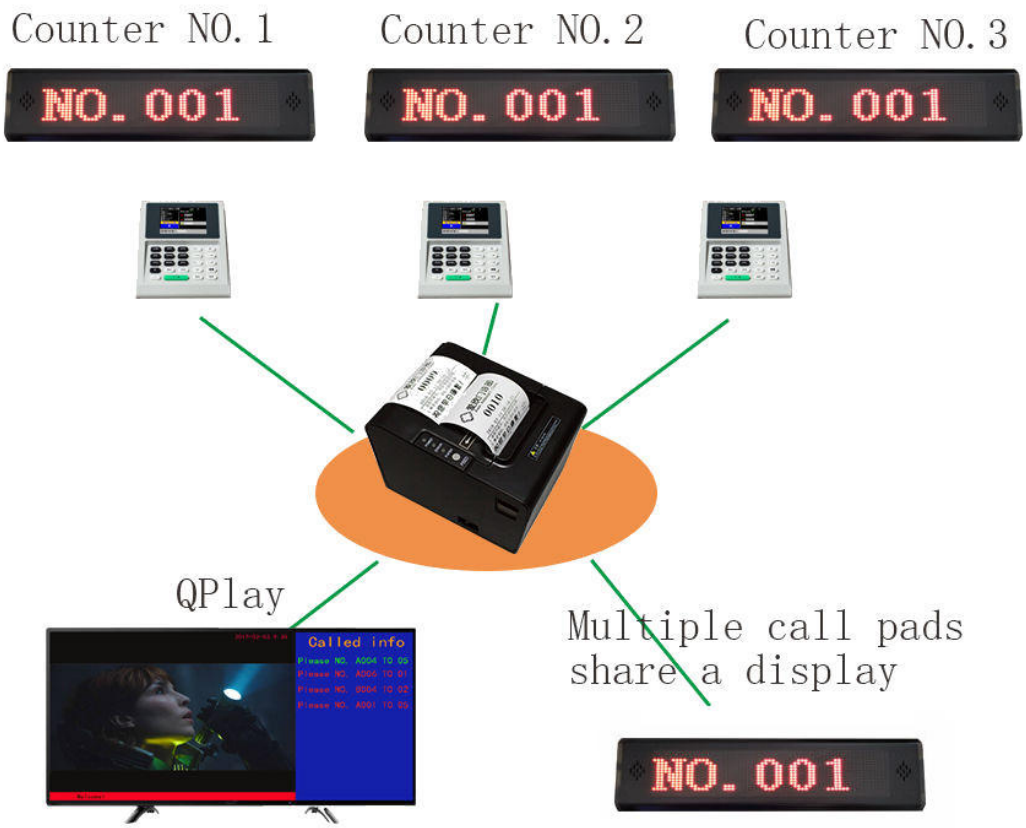
Characteristics

QS-QSETx series: only take ticket。 band wireless module can be networked with call pad and led display, QS-QSETx function and audio output.
The following instructions take the QS-QSETx model as an example.
QS-QSETx the center frequency for 433MHZ wireless communications, built-in ARM 32bits chip. Run on Embedded Operating System。 The complete system includes: ticket dispenser， call pad
（option）,LED display(option) Multimedia Player(option)，Each component has its unique address to ensure correct communication.

Wall hanging

Desktop

Topology map



Function

1. Thermal printing without ink.
2. Wireless, Independ computer, plug-in
3. Automatic reset number and manual reset number.
4. The ticket content can be design, include: QR-CODE, images, lines, and any country fonts.
5. 80mm width thermal printer, high speed printing.
6. Multiple copies of a number can be printed.
7. Human Voice Call out of paper Buzzer remind.
8. A call pad can be displayed on multiple led display, or multiple caller pads can share a led display.
9. Have audio output, external speakers
10. 433MHZ wireless, maximum transmit power 20dbm, support 100 channels

Technical parameters

POWER：DC24V，2.5A

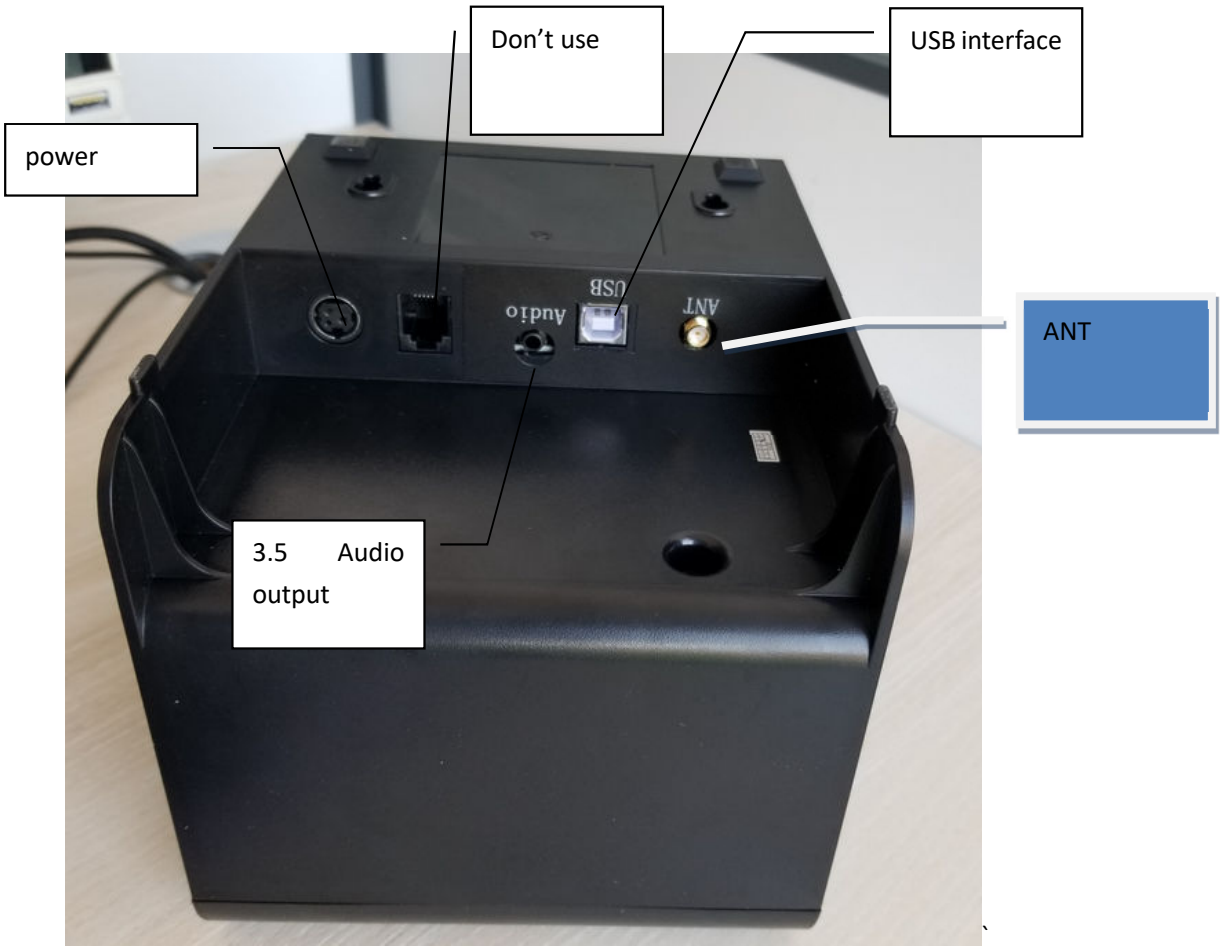
Communication 433MHZ，maximum transmit power 20dbm，100 channels

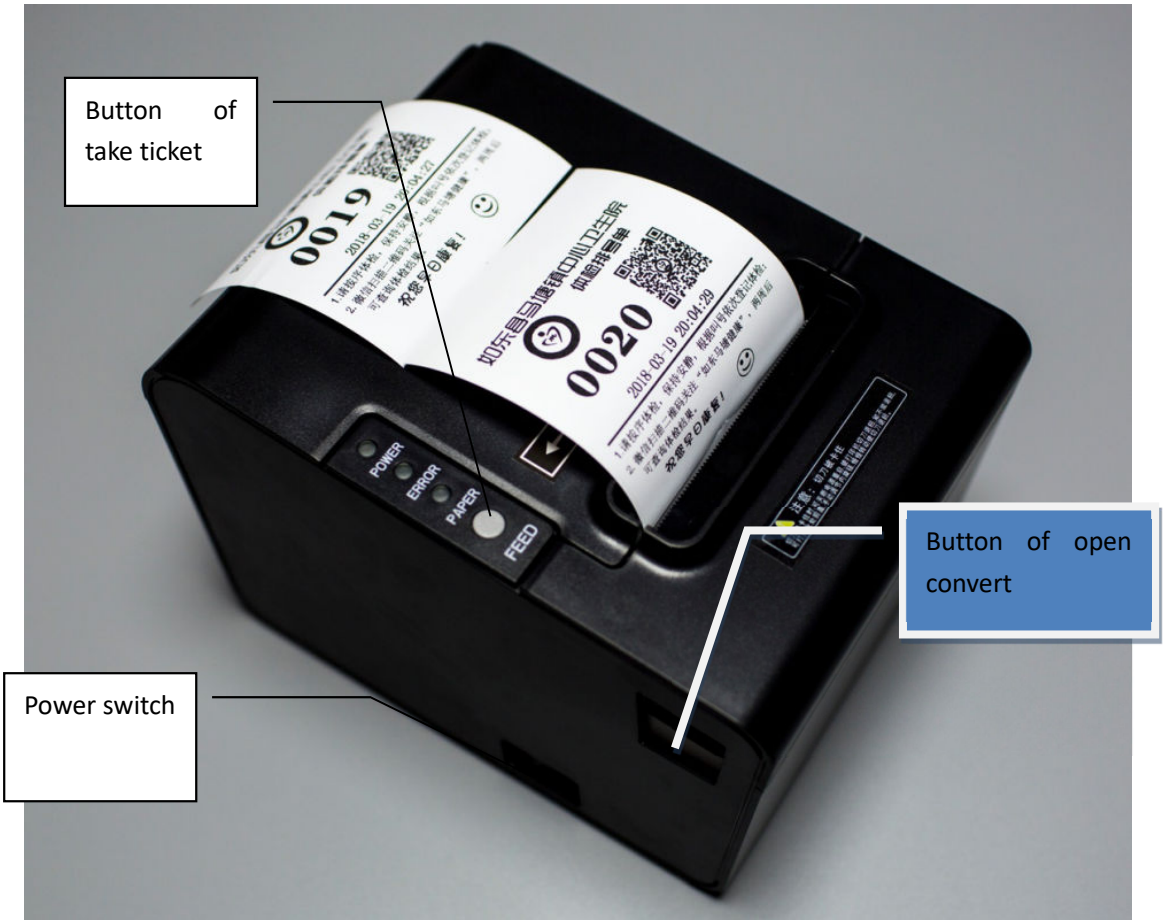
Paper：Thermal printing paper 80MM

Out of paper remind：Buzzer

Installation mode: desktop or wall hanging

Product Structure Diagram





QS-QSETX **Usage**

Number reset: 2 ways for number reset，One is automatic number reset，the other is manual number reset. Use tool software set time to number reset. If you reset number manually, you can do it at any time. The method is to hold press down the ticket key before starting the machine, turn on the power switch and hear a “di”

1. **USB cable.** Usually not used, just keep it, only when connecting to the computer to download parameters, design tickets.
2. QS-QSETX During installation, random antennas need to be screwed on to ensure the strength of communication signals.

3. **Adjust the volume of the LED display.** Press the [Tab] key on the call pad to enter the control panel, then press the [3] key, enter a value less than 255 (220-255), then move the cursor to [send] with the Tab key, then press the [OK] key.

A system consists of dispenser, led display and a call pad. The channels used must be the same, and the addresses must be different. The address of the main display is XXX.201 to XXX.205. Call

information from any call pad can be displayed. The address of the counter display is XXX.101 to XXX.115, and the corresponding call pad address is XXX.001 to XXX.015. Only call pad information from the corresponding call pad can be displayed.

How to Solve cutter was stuck

Step 1: Turn off power
Step 2: open the lid

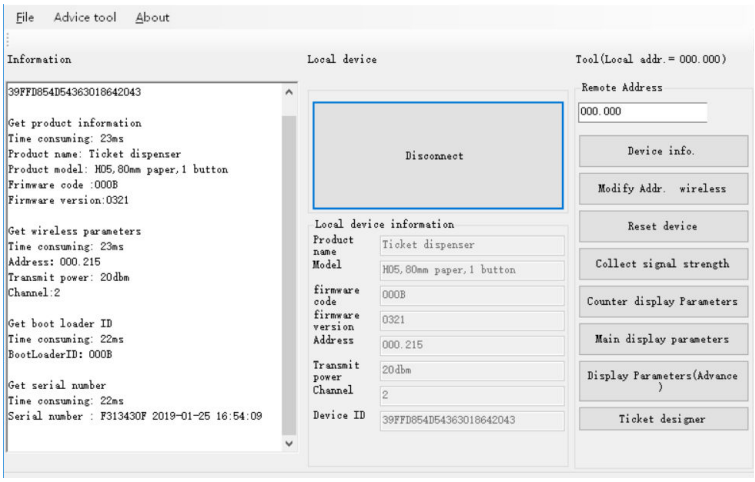
Step 3: Turn the wheel until the lid can be opened.

Step 4: Turn on power
Last step: Close the lid

QS-QSETX parameter configuration software-TOOL

LED display parameters are set by TOOL software. H05 parameter configuration software is [TOOL], which is installed in WINDOWS system. XP or later versions can be installed. Before configuring the parameters, please connect the computer correctly with a random USB cable. [Note that only one device can connect to the computer at the same time].

Run the software TOOL, click on the software [Connect devices], as shown below



1. Get device information

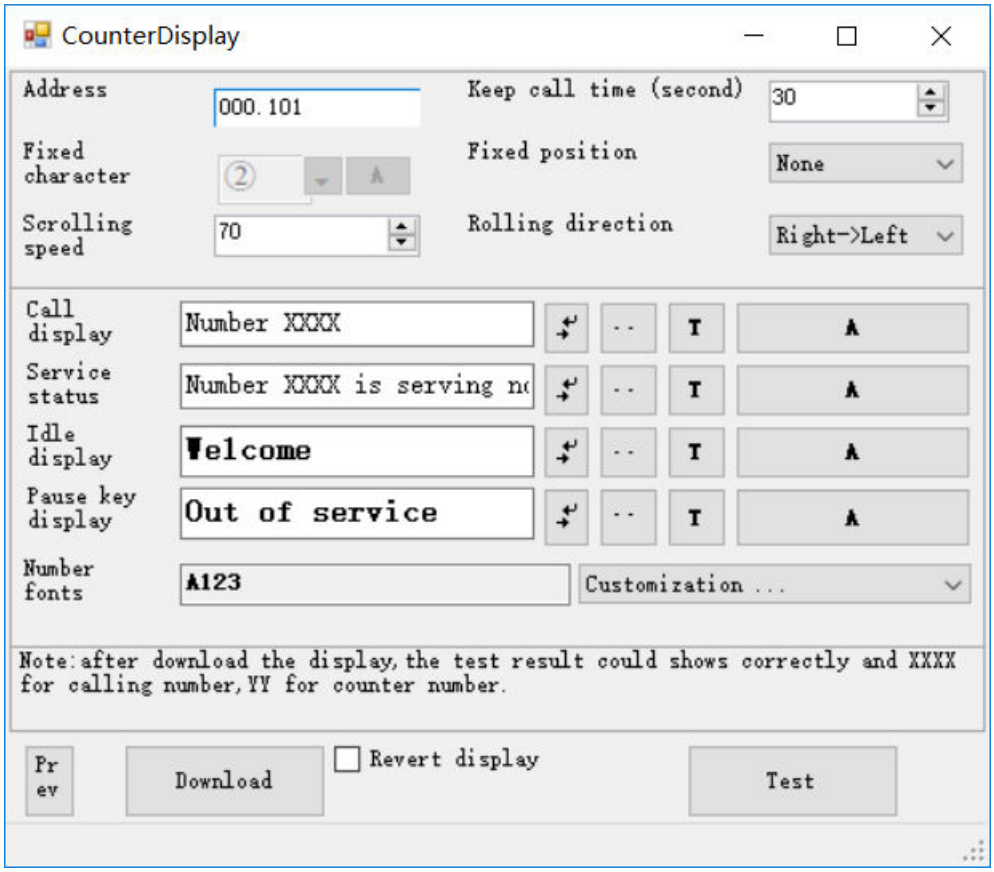
Click [**Device info.**] The device information of the current remote address can be displayed.

2. Modify wireless parameters

Click [**Modify Add. Wireless**]，Each device channel between devices must be identical and address must be different. The default address of the fetch dispenser is 0.215, the address range of the call pad is from 0.001 to 000.16., the address of the counter display is 0.101 to 0.199, and address of the main display and QPLAY controllers is 0.201 to 0.205.

3. Modify the characters of the counter display

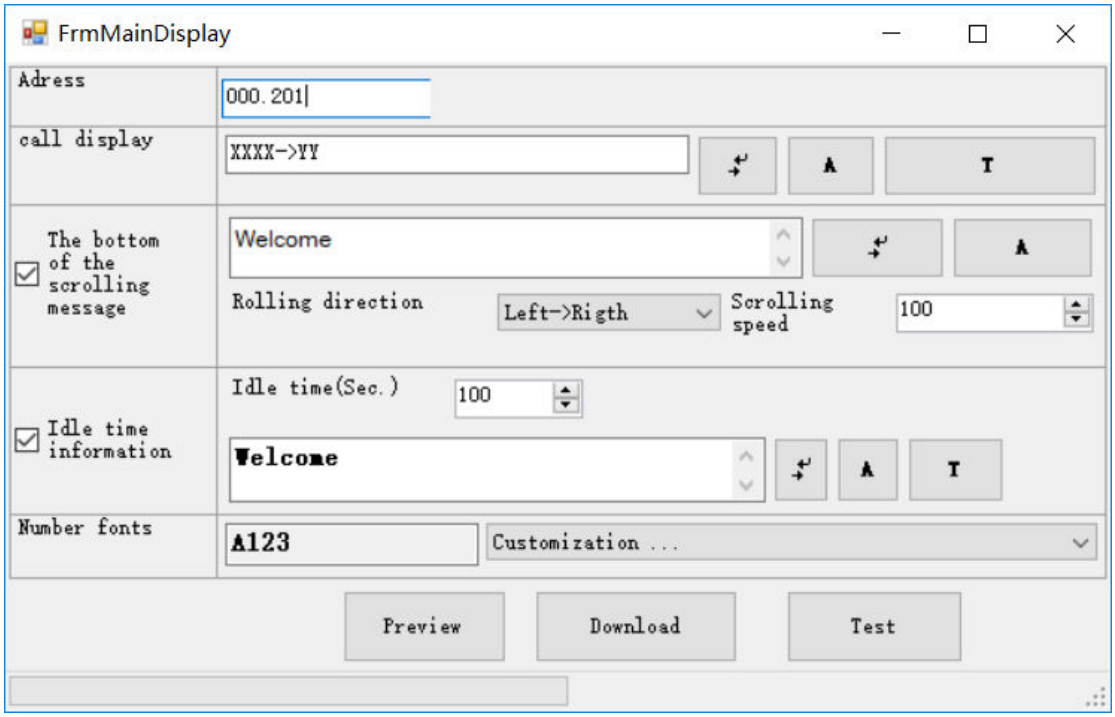
The counter display is can only display a call number of call pad.。click [**counter display parameters**] Set the display text of the counter display, as follows



Enter the corresponding display address in the address bar, (display address, display the number behind ADD: on the LED display) and click **[Download]**. The modification of the character of the dot matrix screen can be completed.

4. Modify the main display character。

The main display is displaying the calling number of multiple call pads.。Click [**Main display parameters**] show as below



Input the corresponding address of the main display , Modify the text. If the main display is only one line, please do not check [**The bottom scroll information**]. Then click download, wait for download to complete, the main display character is modified successfully.

5. **How to set the counter display to the main display**

   The 1st step modify the address, the main display address range from 0.201 to 0.205, and then Click [**Display parameter (Advanced)**] to define the display as the main display, and input the correct display parameters. Then click the [**main display parameter**] to modify the display character, that is, complete the modification.

6. **How to set the main display to the counter display**

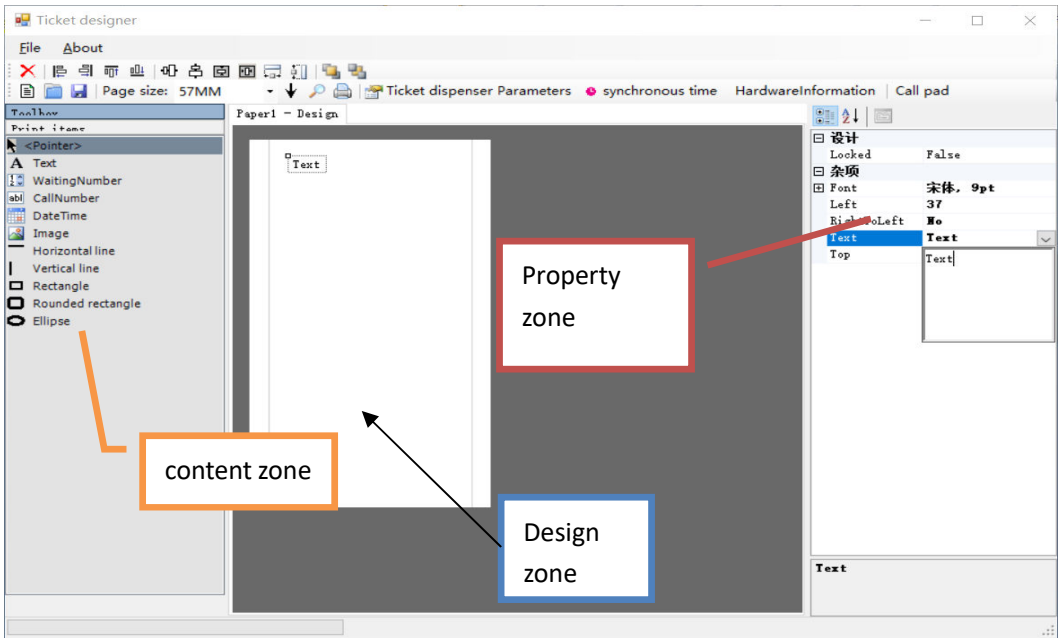
   The first modify the address, the address is within the range of the counter display, that is, 0.101 to 0.199, and then click [Display parameter (Advanced)] to define the display as the counter display, input the correct display parameters, and then click [Counter display parameter] to modify the character of the display. That is to complete the modification.

Design ticket, set parameters of dispenser

Design ticket

Drag the left print content to the design zone, then modify the relevant attributes on

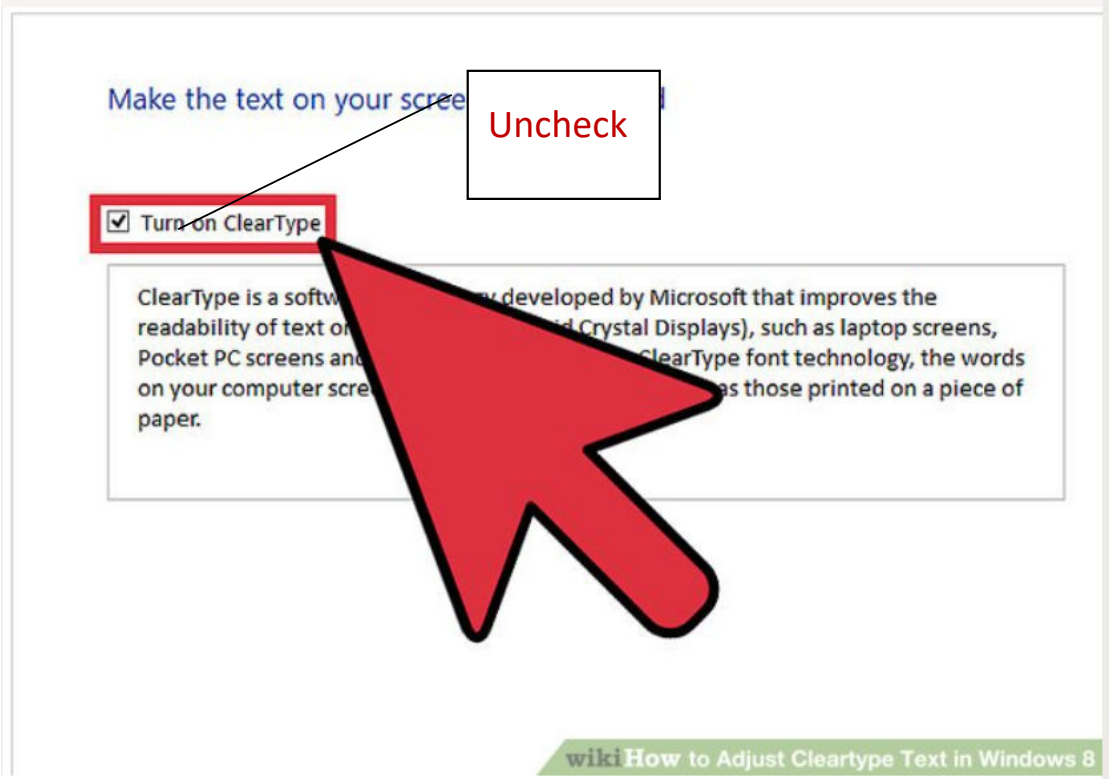
the right table. After the design is finished, click Save icon and save it to the computer. The last click or icon is saved to the dispenser. If the printing concentration is too strong, modify the attribute [**printdensity**] value. Refer to the last attribute on the right of the above figure.



The following dialog will appear when downloading to the dispenser.

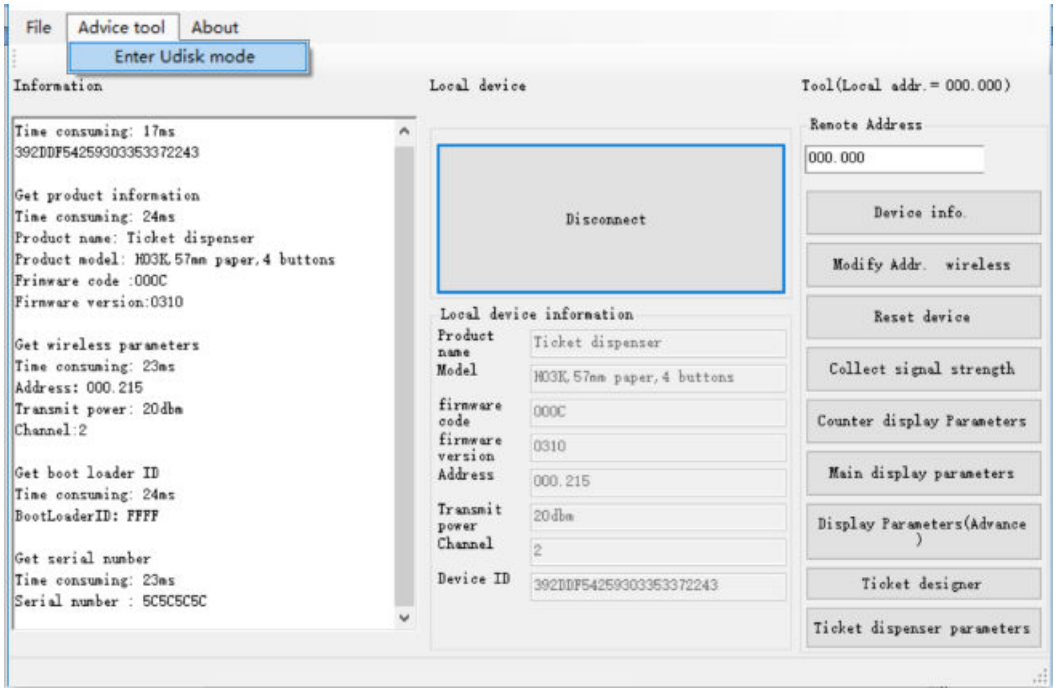
Considerations in configuration parameters：

1. Led display character is incomplete. This is caused by Clear Type. Before downloading the display character parameters, just close it. This is particularly important for the display of Arabia characters. The method is to enter the [**control panel**]→ [**font**] →**[Adjust ClearType te**xt] as follows



2. Custom made sound

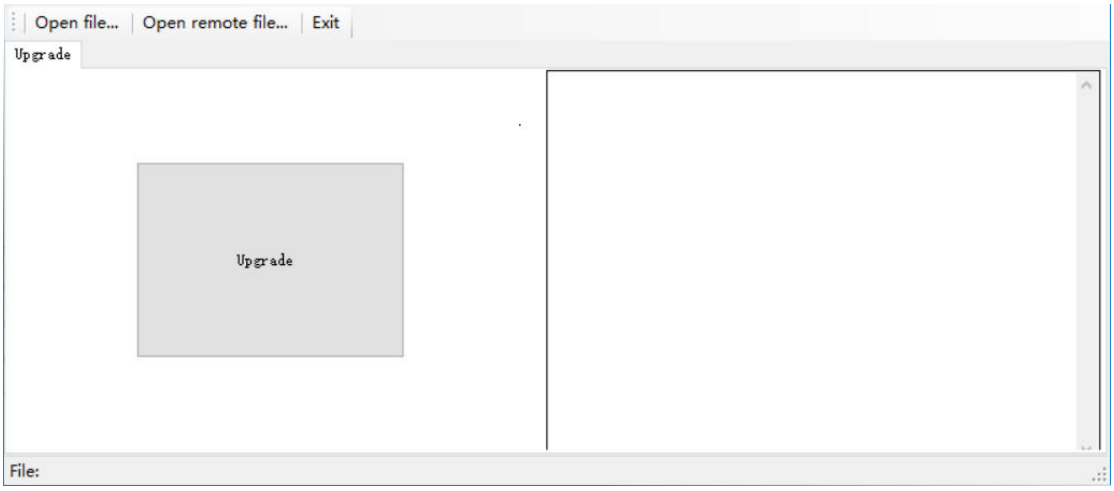
First prepare the sound file. for example: You selected sound format is “G1 XXXX YY” in ticket dispenser parameters.
Call pad1 sound is “Please XXXX goto counter 16”
Call pad2 sound is “please XXXX goto room 1”
You need sound file:
G1.MP3 → “please”
XXXX → “0.mp3,1.mp3,2.mp3,3.mp3 … 9.mp3, A.mp3,B.mp3,C.mp3….”
YY → “_1.mp3: ‘goto counter 16’”
“_2.mp3:’goto room 1’”
YY is address of call pad, example call pad address is 000.005 corresponding sound file is _5.MP3.
Connect the computer to dispenser or led display with the USB cable. Open the TOOL software, click [**Connect device**] →[**Advance Tool**]→[**Enter Udisk mode**] to enter the U disk as shown below:



The 1st step: Copy the system folder in the U disk of the dispenser to the computer.
The second step: Copy the prepared sound files into the system/sound/custom folder.
The third step: format the U disk of dispenser.
The fourth step: copy all the system folder to the U disk of the dispenser.
The fifth step: re-start dispenser.

Upgrade

Connect the machine and the computer with the USB cable. Run the Upgrade software, as follows：



Click [**Open file**] or [**Open remote file…**] Select upgrade the firmware. Click [upgrade].