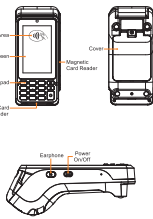


NEXGO



CT20 POS terminal  
Operation Manual

#### Structure Description



#### Instructions

**Power on (off)**  
Power on: Press "**Q**" for 2-3 seconds, screen backlight appears, and terminal power on.  
Power off: Press "**Q**" for several seconds, screen display "Power off, please confirm or cancel", press confirm, power off.

**Magnetic card**  
Please put the card magnetic stripe towards to track device inside when swipe the card. It can support both directions. Make sure to swipe the card slowly and consistently.  
**Note:** The transaction may be fail if magnetic card's stripe is damaged or swipe direction is wrong.

**IC card**  
IC card slot locate in the bottom of the keypad, keep the chip side up when swiping card, insert IC card to the end. The IC card should be inserted in the IC card slot during the transaction process.  
**Note:** The transaction probably fail if IC card chip contact point is damaged or is oxidized.

#### Contactless card



#### Tear-off Print Paper



#### Install QMP5AM card



#### Install Paper Roll



#### Common Fault Process

If the above solution can't solve the problem or have other questions, please contact maintainer.

Category	Fault	Reason	Solution
Power supply	No display when power on	1. Out of battery, 2. Invalid battery error.	1. Connect AC power, 2. Confirm battery whether install OK.
Button	The response when press the key is slow.	Terminal crashed.	Restart the terminal.
Receipt	Receipt content is not clear when receipt is printed.	1. Windows System is not installed or with open receipt. 2. Receipt is not printed.	1. Make sure the PC is installed and the receipt is printed. 2. Check the receipt is printed.
Receipt	Receipt content is not clear when receipt is printed.	1. Windows System is not installed or with open receipt. 2. Receipt is not printed.	1. Make sure the PC is installed and the receipt is printed. 2. Check the receipt is printed.
Receipt	Receipt content is not clear when receipt is printed.	1. Windows System is not installed or with open receipt. 2. Receipt is not printed.	1. Make sure the PC is installed and the receipt is printed. 2. Check the receipt is printed.

Category	Fault	Reason	Solution
Receipt	Receipt content is not clear when receipt is printed.	1. There is dirt on the receipt. 2. The receipt is not printed. 3. The receipt is not printed.	1. A piece of receipt is not printed. 2. A piece of receipt is not printed. 3. A piece of receipt is not printed.

#### Attention of Installation And Operation

- Operating Temperature: -10 to 45°C
- Storage Temperature: -20°C to 70°C
- Relative Humidity: 5% to 95% (Non-Condensing)
- Please follow the instruction strictly when install and connect the terminal.
- Do not damage the power line and power adapter. It can't be used any more if the power line or power adapter is damaged.
- Please check power supply socket whether complying with terminal net voltage before insert the AC socket. Recommend to choose the fuse rated, and grounding well.
- Please leave the terminal away from liquid, and forbidden spillage into any liquid or electric conduction material, otherwise it will cause a short-circuit or damage to the terminal.
- Please do not insert any foreign material into any ports, it will damage the terminal seriously.
- Please contact the professional POS maintainer when the terminal have fault, users or other non-qualified POS maintainer would not repair the terminal.
- Please do not touch the outer keys in case of fault when install the paper roll.
- Please use the standard print paper in case of paper jam or printer damage.
- Please do not shake or knock the terminal.
- Please do not use or place flammability spray, painting, etc. in use of the.
- Forbid to disassemble or remove the terminal. Forbidden to use the terminal in illegal way, otherwise will stand legal responsibility.

Component	Pin	Pin	Pin	Pin	Pin	Pin	Pin
PCB Components	0	0	0	0	0	0	0

**Notes:**  
1) Q means the content of this hazardous and noxious substance is below the homogeneous material of the component is below the requirement of SJ/T 11363-2006 standard.  
2) X means the content of this hazardous and noxious substance is above the homogeneous material is higher than the requirements of SJ/T 11363-2006 standard, but the components marked by "X" in the above form are all due to the current industry technology development and cannot make the substitution of the hazardous and noxious substances or elements.  
**Environmental protection indication:**  
For the products which arrives or exceeds the use life, should be recycled according to The Management of Electronic and Information Product > cannot discard arbitrarily.

#### Packing list

No.	Item	Quantity
1	POS Terminal	1
2	Operation Manual	1
3	Adapter	1

#### Announcement

Shenzhen Kingxiao Technology Co., Ltd. reserves the right to modify this manual without prior notice and continuously improve the accuracy, reliability and completeness of the information contained in this manual.  
Shenzhen Kingxiao Technology Co., Ltd. does not accept any legal responsibility for the adverse consequences caused by using this product not in accordance with the manual or using accessories which are not supplied by Shenzhen Kingxiao Technology Co., Ltd.  
This manual is copyrighted by © Shenzhen Kingxiao Technology Co., Ltd.

#### FCC warning

This equipment has been tested and found to comply with the limits for 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 to 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 receiver.  
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.  
—Consult the dealer or an experienced radio/TV technician for help.  
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and  
(2) this device must accept any interference received, including interference that may cause undesired operation.  
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

#### FCC Radiation Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

#### CE

Power and frequency band information are as follows:

Transmit Frequency
2G GSM 900: 900-960MHz
2G GSM 1800: 1710-1880MHz
2G GSM 1900: 1850-1910MHz
2G GSM 4G: 1800-1910MHz
2G GSM 5: 1800-1910MHz
2G GSM 6: 1800-1910MHz
2G GSM 7: 1800-1910MHz
2G GSM 8: 1800-1910MHz
2G GSM 9: 1800-1910MHz
2G GSM 10: 1800-1910MHz
2G GSM 11: 1800-1910MHz
2G GSM 12: 1800-1910MHz
2G GSM 13: 1800-1910MHz
2G GSM 14: 1800-1910MHz
2G GSM 15: 1800-1910MHz
2G GSM 16: 1800-1910MHz
2G GSM 17: 1800-1910MHz
2G GSM 18: 1800-1910MHz
2G GSM 19: 1800-1910MHz
2G GSM 20: 1800-1910MHz
2G GSM 21: 1800-1910MHz
2G GSM 22: 1800-1910MHz
2G GSM 23: 1800-1910MHz
2G GSM 24: 1800-1910MHz
2G GSM 25: 1800-1910MHz
2G GSM 26: 1800-1910MHz
2G GSM 27: 1800-1910MHz
2G GSM 28: 1800-1910MHz
2G GSM 29: 1800-1910MHz
2G GSM 30: 1800-1910MHz
2G GSM 31: 1800-1910MHz
2G GSM 32: 1800-1910MHz
2G GSM 33: 1800-1910MHz
2G GSM 34: 1800-1910MHz
2G GSM 35: 1800-1910MHz
2G GSM 36: 1800-1910MHz
2G GSM 37: 1800-1910MHz
2G GSM 38: 1800-1910MHz
2G GSM 39: 1800-1910MHz
2G GSM 40: 1800-1910MHz
2G GSM 41: 1800-1910MHz
2G GSM 42: 1800-1910MHz
2G GSM 43: 1800-1910MHz
2G GSM 44: 1800-1910MHz
2G GSM 45: 1800-1910MHz
2G GSM 46: 1800-1910MHz
2G GSM 47: 1800-1910MHz
2G GSM 48: 1800-1910MHz
2G GSM 49: 1800-1910MHz
2G GSM 50: 1800-1910MHz
2G GSM 51: 1800-1910MHz
2G GSM 52: 1800-1910MHz
2G GSM 53: 1800-1910MHz
2G GSM 54: 1800-1910MHz
2G GSM 55: 1800-1910MHz
2G GSM 56: 1800-1910MHz
2G GSM 57: 1800-1910MHz
2G GSM 58: 1800-1910MHz
2G GSM 59: 1800-1910MHz
2G GSM 60: 1800-1910MHz
2G GSM 61: 1800-1910MHz
2G GSM 62: 1800-1910MHz
2G GSM 63: 1800-1910MHz
2G GSM 64: 1800-1910MHz
2G GSM 65: 1800-1910MHz
2G GSM 66: 1800-1910MHz
2G GSM 67: 1800-1910MHz
2G GSM 68: 1800-1910MHz
2G GSM 69: 1800-1910MHz
2G GSM 70: 1800-1910MHz
2G GSM 71: 1800-1910MHz
2G GSM 72: 1800-1910MHz
2G GSM 73: 1800-1910MHz
2G GSM 74: 1800-1910MHz
2G GSM 75: 1800-1910MHz
2G GSM 76: 1800-1910MHz
2G GSM 77: 1800-1910MHz
2G GSM 78: 1800-1910MHz
2G GSM 79: 1800-1910MHz
2G GSM 80: 1800-1910MHz
2G GSM 81: 1800-1910MHz
2G GSM 82: 1800-1910MHz
2G GSM 83: 1800-1910MHz
2G GSM 84: 1800-1910MHz
2G GSM 85: 1800-1910MHz
2G GSM 86: 1800-1910MHz
2G GSM 87: 1800-1910MHz
2G GSM 88: 1800-1910MHz
2G GSM 89: 1800-1910MHz
2G GSM 90: 1800-1910MHz
2G GSM 91: 1800-1910MHz
2G GSM 92: 1800-1910MHz
2G GSM 93: 1800-1910MHz
2G GSM 94: 1800-1910MHz
2G GSM 95: 1800-1910MHz
2G GSM 96: 1800-1910MHz
2G GSM 97: 1800-1910MHz
2G GSM 98: 1800-1910MHz
2G GSM 99: 1800-1910MHz
2G GSM 100: 1800-1910MHz

Power Frequency
2G GSM 900: 900-960MHz
2G GSM 1800: 1710-1880MHz
2G GSM 1900: 1850-1910MHz
2G GSM 4G: 1800-1910MHz
2G GSM 5: 1800-1910MHz
2G GSM 6: 1800-1910MHz
2G GSM 7: 1800-1910MHz
2G GSM 8: 1800-1910MHz
2G GSM 9: 1800-1910MHz
2G GSM 10: 1800-1910MHz
2G GSM 11: 1800-1910MHz
2G GSM 12: 1800-1910MHz
2G GSM 13: 1800-1910MHz
2G GSM 14: 1800-1910MHz
2G GSM 15: 1800-1910MHz
2G GSM 16: 1800-1910MHz
2G GSM 17: 1800-1910MHz
2G GSM 18: 1800-1910MHz
2G GSM 19: 1800-1910MHz
2G GSM 20: 1800-1910MHz
2G GSM 21: 1800-1910MHz
2G GSM 22: 1800-1910MHz
2G GSM 23: 1800-1910MHz
2G GSM 24: 1800-1910MHz
2G GSM 25: 1800-1910MHz
2G GSM 26: 1800-1910MHz
2G GSM 27: 1800-1910MHz
2G GSM 28: 1800-1910MHz
2G GSM 29: 1800-1910MHz
2G GSM 30: 1800-1910MHz
2G GSM 31: 1800-1910MHz
2G GSM 32: 1800-1910MHz
2G GSM 33: 1800-1910MHz
2G GSM 34: 1800-1910MHz
2G GSM 35: 1800-1910MHz
2G GSM 36: 1800-1910MHz
2G GSM 37: 1800-1910MHz
2G GSM 38: 1800-1910MHz
2G GSM 39: 1800-1910MHz
2G GSM 40: 1800-1910MHz
2G GSM 41: 1800-1910MHz
2G GSM 42: 1800-1910MHz
2G GSM 43: 1800-1910MHz
2G GSM 44: 1800-1910MHz
2G GSM 45: 1800-1910MHz
2G GSM 46: 1800-1910MHz
2G GSM 47: 1800-1910MHz
2G GSM 48: 1800-1910MHz
2G GSM 49: 1800-1910MHz
2G GSM 50: 1800-1910MHz
2G GSM 51: 1800-1910MHz
2G GSM 52: 1800-1910MHz
2G GSM 53: 1800-1910MHz
2G GSM 54: 1800-1910MHz
2G GSM 55: 1800-1910MHz
2G GSM 56: 1800-1910MHz
2G GSM 57: 1800-1910MHz
2G GSM 58: 1800-1910MHz
2G GSM 59: 1800-1910MHz
2G GSM 60: 1800-1910MHz
2G GSM 61: 1800-1910MHz
2G GSM 62: 1800-1910MHz
2G GSM 63: 1800-1910MHz
2G GSM 64: 1800-1910MHz
2G GSM 65: 1800-1910MHz
2G GSM 66: 1800-1910MHz
2G GSM 67: 1800-1910MHz
2G GSM 68: 1800-1910MHz
2G GSM 69: 1800-1910MHz
2G GSM 70: 1800-1910MHz
2G GSM 71: 1800-1910MHz
2G GSM 72: 1800-1910MHz
2G GSM 73: 1800-1910MHz
2G GSM 74: 1800-1910MHz
2G GSM 75: 1800-1910MHz
2G GSM 76: 1800-1910MHz
2G GSM 77: 1800-1910MHz
2G GSM 78: 1800-1910MHz
2G GSM 79: 1800-1910MHz
2G GSM 80: 1800-1910MHz
2G GSM 81: 1800-1910MHz
2G GSM 82: 1800-1910MHz
2G GSM 83: 1800-1910MHz
2G GSM 84: 1800-1910MHz
2G GSM 85: 1800-1910MHz
2G GSM 86: 1800-1910MHz
2G GSM 87: 1800-1910MHz
2G GSM 88: 1800-1910MHz
2G GSM 89: 1800-1910MHz
2G GSM 90: 1800-1910MHz
2G GSM 91: 1800-1910MHz
2G GSM 92: 1800-1910MHz
2G GSM 93: 1800-1910MHz
2G GSM 94: 1800-1910MHz
2G GSM 95: 1800-1910MHz
2G GSM 96: 1800-1910MHz
2G GSM 97: 1800-1910MHz
2G GSM 98: 1800-1910MHz
2G GSM 99: 1800-1910MHz
2G GSM 100: 1800-1910MHz

RF Output Power
2G GSM 900: 33dBm/33dBm
2G GSM 1800: 33dBm/33dBm
2G GSM 1900: 33dBm/33dBm
2G GSM 4G: 33dBm/33dBm
2G GSM 5: 33dBm/33dBm
2G GSM 6: 33dBm/33dBm
2G GSM 7: 33dBm/33dBm
2G GSM 8: 33dBm/33dBm
2G GSM 9: 33dBm/33dBm
2G GSM 10: 33dBm/33dBm
2G GSM 11: 33dBm/33dBm
2G GSM 12: 33dBm/33dBm
2G GSM 13: 33dBm/33dBm
2G GSM 14: 33dBm/33dBm
2G GSM 15: 33dBm/33dBm
2G GSM 16: 33dBm/33dBm
2G GSM 17: 33dBm/33dBm
2G GSM 18: 33dBm/33dBm
2G GSM 19: 33dBm/33dBm
2G GSM 20: 33dBm/33dBm
2G GSM 21: 33dBm/33dBm
2G GSM 22: 33dBm/33dBm
2G GSM 23: 33dBm/33dBm
2G GSM 24: 33dBm/33dBm
2G GSM 25: 33dBm/33dBm
2G GSM 26: 33dBm/33dBm
2G GSM 27: 33dBm/33dBm
2G GSM 28: 33dBm/33dBm
2G GSM 29: 33dBm/33dBm
2G GSM 30: 33dBm/33dBm
2G GSM 31: 33dBm/33dBm
2G GSM 32: 33dBm/33dBm
2G GSM 33: 33dBm/33dBm
2G GSM 34: 33dBm/33dBm
2G GSM 35: 33dBm/33dBm
2G GSM 36: 33dBm/33dBm
2G GSM 37: 33dBm/33dBm
2G GSM 38: 33dBm/33dBm
2G GSM 39: 33dBm/33dBm
2G GSM 40: 33dBm/33dBm
2G GSM 41: 33dBm/33dBm
2G GSM 42: 33dBm/33dBm
2G GSM 43: 33dBm/33dBm
2G GSM 44: 33dBm/33dBm
2G GSM 45: 33dBm/33dBm
2G GSM 46: 33dBm/33dBm
2G GSM 47: 33dBm/33dBm
2G GSM 48: 33dBm/33dBm
2G GSM 49: 33dBm/33dBm
2G GSM 50: 33dBm/33dBm
2G GSM 51: 33dBm/33dBm
2G GSM 52: 33dBm/33dBm
2G GSM 53: 33dBm/33dBm
2G GSM 54: 33dBm/33dBm
2G GSM 55: 33dBm/33dBm
2G GSM 56: 33dBm/33dBm
2G GSM 57: 33dBm/33dBm
2G GSM 58: 33dBm/33dBm
2G GSM 59: 33dBm/33dBm
2G GSM 60: 33dBm/33dBm
2G GSM 61: 33dBm/33dBm
2G GSM 62: 33dBm/33dBm
2G GSM 63: 33dBm/33dBm
2G GSM 64: 33dBm/33dBm
2G GSM 65: 33dBm/33dBm
2G GSM 66: 33dBm/33dBm
2G GSM 67: 33dBm/33dBm
2G GSM 68: 33dBm/33dBm
2G GSM 69: 33dBm/33dBm
2G GSM 70: 33dBm/33dBm
2G GSM 71: 33dBm/33dBm
2G GSM 72: 33dBm/33dBm
2G GSM 73: 33dBm/33dBm
2G GSM 74: 33dBm/33dBm
2G GSM 75: 33dBm/33dBm
2G GSM 76: 33dBm/33dBm
2G GSM 77: 33dBm/33dBm
2G GSM 78: 33dBm/33dBm
2G GSM 79: 33dBm/33dBm
2G GSM 80: 33dBm/33dBm
2G GSM 81: 33dBm/33dBm
2G GSM 82: 33dBm/33dBm
2G GSM 83: 33dBm/33dBm
2G GSM 84: 33dBm/33dBm
2G GSM 85: 33dBm/33dBm
2G GSM 86: 33dBm/33dBm
2G GSM 87: 33dBm/33dBm
2G GSM 88: 33dBm/33dBm
2G GSM 89: 33dBm/33dBm
2G GSM 90: 33dBm/33dBm
2G GSM 91: 33dBm/33dBm
2G GSM 92: 33dBm/33dBm
2G GSM 93: 33dBm/33dBm
2G GSM 94: 33dBm/33dBm
2G GSM 95: 33dBm/33dBm
2G GSM 96: 33dBm/33dBm
2G GSM 97: 33dBm/33dBm
2G GSM 98: 33dBm/33dBm
2G GSM 99: 33dBm/33dBm
2G GSM 100: 33dBm/33dBm

RF Output Power
2G GSM 900: 33dBm/33dBm
2G GSM 1800: 33dBm/33dBm
2G GSM 1900: 33dBm/33dBm
2G GSM 4G: 33dBm/33dBm
2G GSM 5: 33dBm/33dBm
2G GSM 6: 33dBm/33dBm
2G GSM 7: 33dBm/33dBm
2G GSM 8: 33dBm/33dBm
2G GSM 9: 33dBm/33dBm
2G GSM 10: 33dBm/33dBm
2G GSM 11: 33dBm/33dBm
2G GSM 12: 33dBm/33dBm
2G GSM 13: 33dBm/33dBm
2G GSM 14: 33dBm/33dBm
2G GSM 15: 33dBm/33dBm
2G GSM 16: 33dBm/33dBm
2G GSM 17: 33dBm/33dBm
2G GSM 18: 33dBm/33dBm
2G GSM 19: 33dBm/33dBm
2G GSM 20: 33dBm/33dBm
2G GSM 21: 33dBm/33dBm
2G GSM 22: 33dBm/33dBm
2G GSM 23: 33dBm/33dBm
2G GSM 24: 33dBm/33dBm
2G GSM 25: 33dBm/33dBm
2G GSM 26: 33dBm/33dBm
2G GSM 27: 33dBm/33dBm
2G GSM 28: 33dBm/33dBm
2G GSM 29: 33dBm/33dBm
2G GSM 30: 33dBm/33dBm
2G GSM 31: 33dBm/33dBm
2G GSM 32: 33dBm/33dBm
2G GSM 33: 33dBm/33dBm
2G GSM 34: 33dBm/33dBm
2G GSM 35: 33dBm/33dBm
2G GSM 36: 33dBm/33dBm
2G GSM 37: 33dBm/33dBm
2G GSM 38: 33dBm/33dBm
2G GSM 39: 33dBm/33dBm
2