Wireless Barcode Scanner

Quick Reference Guide

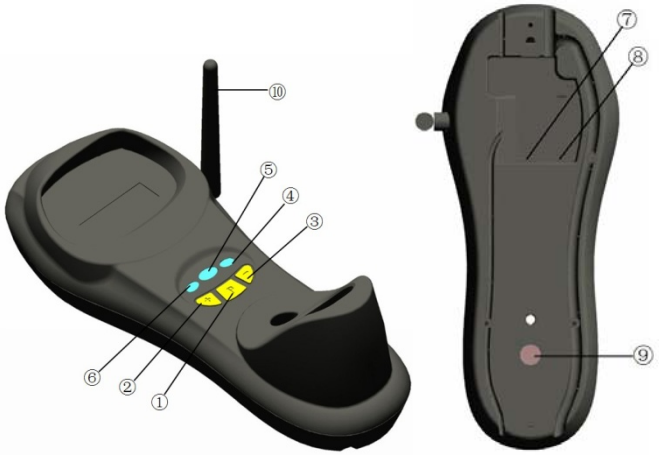
Set Defaults

FCC-ID: 2AET8TS4500H

VER: TS45_QG_EN_V1.1.0

Scanner & Cradle

①Power Indicator	③Trigger
②Data Indicator	④Exit Window



①. Pairing	⑥. Reserve
②. Channel Increase	⑦. Power interface
③. Channel Decrease	⑧. Data interface to connect PC
④. Power Indicator	⑨. Adjust button
⑤. Data Indicator	⑩. Antenna

Installation

Step1. Refer to the below pictures, connect the cradle to host (e.g. PC) with different cables firstly, and then connect the adaptor to the power socket.

USB: USB cable RJ45 connect cradle ⑧, the other side connect PC.

USB cable

P/S 2: P/S2 cable RJ45 connect cradle ⑧, the other side to connect PC and P/S2 port keyboard

P/S2 keyboard cable

RS232：RS232 cable RJ45 side to connect ⑧ ,the other side to connect PC.

RS232 cable

Typically, cradle is able to identify the data port type automatically. In extreme cases cradle port may need setting manually if the host fails to identify it.

Note: Pairing before set interface type.

Automatic Identification (Default)

PS/2

USB

RS232

Step 2. Put the scanner onto the cradle like below picture.

Place the Scanner

Step3. **Press cradle middle button①（P）for about 4 seconds, until the Scanner issued a "beep beep" sound.**

Note: A cradle is able to work with as more as 100 scanners at the same time. After a Scanner pairing with Cradle, the cradle can receive the data from the scanner.

Usage of Scanner

Power Up/Power Down

Scanner will be power up when the trigger is clicked. When the scanner is not operated for 30s, it will enter power down mode automatically

Charging

Position the scanner onto the cradle.

Note：The scanner power indicator becomes green and keeps flashing when the scanner is low power.

Built-in Data Memory

When the scanner is out of communication area of the cradle, the scanner will save the barcode data in built-in data memory. The scanner will send the data to the cradle automatically when the scanner gets back to the communication area.

The scanner data indicator will become red. After finish sending data, the indicator will to be green.

More Than One Cradle Work In The Same Space

When there are more than one cradles working in the same space, it is better to set every cradle work in different channel. Channel is set as follows:

1. Open a notepad or other text editor.
2. Press the cradle Channel increase or decrease button.
3. Pairing the scanner and cradle.

Note： After changing the channel of a cradle pairing is need.

When more than one cradle work in the same channel, it will reduce the bar code data transmission speed, but no any other problems.

Indicator & Button

Scanner Indicator

Status	Left	Light
Scan Success	Bright Red 1sec	Bright Red 1sec
Power on	Green	
Low Power	Green flashing	
Charging	Red flashing	
Finish charge	Yellow	
No data stored in		Green

Scanner	
Data stored In Scanner	Red
Data memory full	Red Flashing

Cradle Indicator

Light	Meaning
Right （Green）	Flashing: identifying interface On: interface if identified
Middle （Red）	Flashing: Receiving barcode data On: Data is sending to PC
Left （Green)	Reserve

Cradle Button

Button	Position （mark）	Function
Channel Decrease	Right Button (-)	Set channel decrease
Channel increase	Middle (P)	Press for 4second to pair a scanner with a cradle.
Channel increase	Left Button (+)	Set channel increase

Common Settings

Set Defaults

Set Defaults

Information inquire

Fire Ware Version

Cradle Serial No

Channel &scanner ID

Scanner Serial No Check

Battery inquire

Suffix Quick Setup

CR（default）

CR+LF

LF

None

RF Transfer Mode

No-store Mode: The scanner transmits every scanned barcode to cradle. If transmitted unsuccessfully (e.g. beyond communication distance or cradle does not connect PC), the barcode data will be ignored and the issued a “beep beep beep” sound.

Auto-store Mode: The scanner starts storing barcode data when it loses its connection to a cradle (e.g. a user holding the scanner walks out of range).Data transmission is triggered by reestablishing the connection with cradle.(like when a user holding the scanner walks back into range)

Manual Transmission mode: Data transmission is triggered by scanning”Start transfer Bar code data”

Auto-Store Mode (Default)

Manual Transmission Mode

NO-Store Mode

Start transfer Bar Code Data (for Manual Transmission Mode)

Clear the Barcode Data in Scanner

Insert The Scanner ID before Barcode

Insert the scanner ID before barcode in order to identify the barcode is scan by which scanner when there are more than one scanner communicate with the same cradle.

Insert ID before Barcode

Do not insert ID before Barcode （default）

Code name transmission

Transmit

（Default）

Do Not Transmit

Volume of beeper

High（Default）

Low

Middle

Mute

Prefix

Transmit Prefix

Do not Transmit Prefix (Default)

Scan Prefix(0~16 Chars, 2Digits/Char; 00~FF; 00*）

Suffix

Suffix（Default）

Do Not Transmit Suffix

Scan Suffix (0~22 chars, 2 Digits/Char; 00~FF; 0D*)

Parameter bar code

0

1

2

3

4

5

6

7

8

9

A

B

C

D

E

F

Finish Setting

FCC Statement

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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