



# Q-MOS

Mobile Ordering System

## Programming Manual

QUORION  
Data Systems GmbH

## ATTENTION!

- The Q-MOS can only be used with POS QTouch<sup>2</sup> or Concerto!
- The software version must be QC080516 or later.
- The Q-MOS system consists of the mobile terminal (handheld), the Bluetooth access point (BTAP), two power supplies, and all necessary cables and accessories.
- To connect the access point to the POS you must use the bundled RJ-45 cable in combination with the adapter plug from the BTAP and the standard POS adapter cable. Do not connect the RJ-45 cable directly to the POS!

## ACTIVATING Q-MOS

- When the Q-MOS is not yet activated, all articles ordered by the handheld, have a price of 0.01!
- Turn lock to P-mode.
- Enter 9002 on the TYPE key.
- Register displays "Bxxxxxxx"
- Request a KEY for this code from Quorion.
- Enter the key (received from Quorion) and press the CR key.
- The register will display and print  
Q-MOS Activated  
Code: Bxxxxxxx (only printed)  
Key : kkkkkkkkk (only printed)
- The register will also print the activated options with 305 TYPE.

## SETUP BTAP

- Program PORT# to which the access point (BTAP) is connected in PARAMETER 101.
- Program BAUDRATE and WORDSIZE to 38400,8,N,1 (value 5) for the PORT used.
- Program 30 for handheld type in PARAMETER 113.
- Connect access point (BTAP) to the QTouch<sup>2</sup> or Concerto.
- Enter 9000 on the TYPE key to send the Articles, Department and Modifiers to the BTAP. The QMP operator display will show data being sent.

## SETUP HANDHELD

- Switch on the Q-MOS handheld while pressing touch screen for 3 seconds.
- Enter code 1234 and press OK.
- Select "Sync" from the menu.
- Data is sent to handheld. On the handheld screen progress is shown until finished.
- Select "Exit" from main menu.

## HANDHELD APPLICATION FLAGS

- Switch on the Q-MOS handheld while pressing touch screen for 3 seconds.
- Enter code 1234 and press OK.
- Select "Flag" from the menu and check "Application":
  - Open Table Check - Activated
  - Guest Request - Activate when Covers are used
  - Print Document - Activated
  - Payment Request - Activated
  - Table Transfer - Activated
  - Graphics Menu - Activate when wanted.
  - Store out of range - Activate when wanted.
- Close all sub menus and select "Exit" from main menu.
- Ready for operation.

## **BTAP VERSION**

- Turn lock to P-MODE.
- Enter 1 x 9000 on the TYPE key.
- The firmware release should be 4.05.
- The OEM ID should be 22.

## **HANDHELD VERSION**

- The version number is shown in the ordering screen. Should be 4.05.

## **BTAP AND HANDHELD FLASH UPDATE**

- See special utilities and documentation.

## **CHANGE GRAPHICS MENU**

- See special utilities and documentation.

## **BLUETOOTH VISIBLE / INVISIBLE**

- Turn Lock to P-MODE.
- Enter 2 x 9000 on the TYPE key to make BLUETOOTH VISIBLE (LED is BLUE).
- Enter 3 x 9000 on the TYPE key to make BLUETOOTH INVISIBLE (LED is GREEN).

## **RESET Q-MOS DATABASE**

- In case there is an error in the Q-MOS database it is possible to reset the complete database by issuing a command from the register.
- Turn lock to P-MODE.
- Enter 4 x 9000 on the TYPE key.
- The register will display finished when the database is cleared.
- Don't forget to sync the database again by entering 9000 on the TYPE key.

## **RESET HANDHELD**

- When the handheld is blocked it is possible to reset it by pressing the reset switch next to power on/off button.

## **QMP APPLICATION PROGRAM SETTINGS**

- Maximum Number of tables is 9999 and numbering is from 1 to 9999 (No Random Number or Free Numbers!).
- Maximum number of articles is 3000 with max 6 price levels.
- Maximum number of Department is 99.
- Maximum number of Clerks is 50.
- Maximum number of Modifiers is 99.
- Maximum number of Tenders is 20.
- Maximum number of Invoice functions is 6.
- Text sizes used by the handheld are maximum 20 characters.
- General Message# 79 is used to display "Handheld Init".
- Balance Function# 1 must be programmed as OPEN/CLOSE TABLE.
- Balance Function# 4 must be programmed as INVOICE.
- Balance Function# 5 can be programmed as INVOICE.
- Balance Function# 6 must be programmed as SPLIT TABLE.
- Balance Function# 7 must be programmed as TRANSFER TABLE.
- Correction Function# 3 must be programmed as REFUND.

## **CLERK PIN ON THE HANDHELD**

- When using SECRET CLERK codes or a DALLAS clerk lock the register will use the last four digits of the Secret Clerk code as PIN code for the Handheld. In case the code contains hexadecimal digits they are replaced by 0. The secret code 65B9A87 will result in a PIN code of 9087 on the handheld.
- When using NO secret codes the register will automatically use PIN codes which are the same as the CLERK number so clerk 1 will have PIN 1, CLERK 2 has PIN 2, etc.