

Short description of PHL1600/PHL1700/PHL2700 demo application

CFG20230.S2 is for the PHL1600 / PHL1700 1 MB handheld terminal (O/S ≥ CBGV0123)

CFH20230.S2 is for the PHL1600 / PHL1700 1 MB handheld terminal (O/S ≥ CBHV0123)

CFW20230.S2 is for the PHL2700 2 / 8 MB handheld terminal (O/S ≥ CBWV0122)

In general:

<ENT>	key confirms action
<CLR>	key cancels action or escapes to a menu level one higher
<UP>,<Q1>	key scrolls up through menu or data
<DOWN>,<Q2>	key scrolls down through menu or data
<TRIGGER>	start scanning in menu Scan Labels; in menu selection works as <ENT> key

Backlight turns off when the terminal switches off (in order to save energy).

Main Menu

- 1 Scan Labels
- 2 Scroll through scanned data
- 3 Delete scanned data
- 4 Transmit data to PC
- 5 Show software version

1 Scan labels

- Scan or type barcode
- The code ID + date and time stamp is displayed and is stored in a file.
- <CLR> key leaves scanning barcodes

2 Scroll through scanned data

- Use <UP> to go up through list
- Use <DOWN> to go down through list
- <CLR> key leaves scrolling through scanned data

3 Delete scanned data:

- <ENT> key confirms deleting data
- <CLR> key cancels deleting data

4 Transmit data to PC

- Press any key to start transmission or
 - press <CLR> key to cancel transmission
- The data is not deleted
- Press any key to go back to the Main Menu.

5 Show software version

- Show the version of the software in the PHL1600/PHL1700/PHL2700
- Press any key to go back to the Main Menu.

(System menu shown on next page)

(Short description of standard PHL1600/PHL1700/PHL2700 application cntd)

Data format:

Each record is stored in a file with the name DATA.FIL.

Fields in a record are:

<barcode 30 characters right padded with spaces>
<code ID 16 characters right padded with spaces>
<date stamp 10 characters DD/MM/YYYY>
<time stamp 8 characters HH:MM:SS>

Fields are separated by a comma.

Each records ends with <CR><LF>.

So, a complete record is built as follows:

<barcode>,<code ID>,<date stamp>,<time stamp><CR><LF>

Example:

012345678901234567890123456789,CD 39 FULL ASCII,08/10/1998,14:34:07<CR><LF>

Data transmission:

In all cases the PHL1600/PHL1700/PHL2700 will use the cradle with a speed of 19200 baud.

Parity = none, bytesize = 8, stopbits = 1.

Make sure that the setting on the PC match the settings that are set on the PHL1600/PHL1700/PHL2700.

With the transfer the data is sent one record after another without pauses.

A program like PCPLUS, PCANYWHERE or HYPERTERMINAL is needed to catch the data from the PC's serial port and to display the data on the screen.