

## ADDS ON, MODIFICATIONS TO QTP PCK

In this document are described all the modifications performed on **QTP PCK** provided of management firmware version **1.4**, and they must be used as an integration to previous *User Manual Rel. 5.00 Edition 07 October 2002*.

### LOCAL SET UP

(Replaces homonymous paragraph at page 14 of previous manual)

Thanks to a proper local set up mode, some parameters of communication protocol and the key click mode can be setted by the user with the simple use of some external keys.

To enter set up mode the user must perform the following steps:

- 1) supply power to **QTP PCK**
- 2) wait first lamp of the three LEDs on keyboard;
- 3) wait second lamp of the three LEDs on keyboard;
- 4) as soon as the LEDs are turned off, press the **SHIFT** key and immediately after press the **S** key, and hold the two keys simultaneously pressed for at least 2 seconds.

When the set up mode is entered, on the display appears the "**-Setup-**" string and with two keys the configuration parameters shall be changed as below described:

**DOWN ARROW:** It changes the current menu, recognized by the following messages:

"BAUD"	->	to change the communication baud rate
"STOP"	->	to change the stop bit number
"BEEP"	->	to change the key click mode

**RIGHT ARROW:** It changes the current value of the selected menu:

BAUD	->	<b>38400, 19200, 9600, 4800, 2400</b> or <b>1200</b> baud
STOP	->	<b>1</b> or <b>2</b>
BEEP	->	<b>ON</b> or <b>OFF</b>

When all parameters have been correctly setted the user can exit set up mode and return to normal functionality by pressing simultaneously the **CTRL SHIFT S** keys. At this point the selected parameter are saved on EEPROM and they are maintained until another local set up is executed.

### **NOTE**

- Please remind that set up mode can be entered only during power up, when previously described conditions are recognized; in fact when the **SHIFT** and **S** keys are pressed at the same time during normal operation, the set up mode will not start and the code of the pressed keys will be transmitted on the serial line.
- Please remind that the user must press before the **SHIFT** key and then the **S** key, immediately after the second turning off of the three LEDS and inside a 1,2 seconds time interval. If this operations result difficult to execute, the user can hold down the **SHIFT** key from the beginning (before to supply power) and press the **S** key after the second turn off of LEDS (this alternative method can't be used on some particular models of keyboard).