Attendance Panel

A guide to setting the TP600 attendance panel

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Overview

A single attendance panel plugged into CONN10 of DS55 shows the IN/OUT status of the first 30 employees in positions 1 to 30.

It is powered from an external 12 volt 1 amp (it only draws about 250ma max) DC power supply plugged into CONN1 and data is sent to it via an RS232 lead from Com2 of the TP600 to DS55 CONN4 Rx1- 0v or PL1.

When powered LED1 should be lit and LED2 will flash to show that the on-board processor is working correctly.

To show a maximum of 60 employees a second panel (without power supply and electronics) may be connected to DS55 CONN11 to give positions 31 to 60. The attendance panel can only show the status from one terminal.

At the moment it can only be set-up using the TP600 keypad.

Communications

Data is sent to the panel from com2 of the terminal so a second RS232 board would need to be fitted to the TP600. This may be the standard FARC 232/485 board **or** the new 232-8smd type (without the opto couplers).

Because com2 is used, an attendance panel cannot be used if a FARC printer is in use.

Setting the TP600 parameters

There are only two parameters that need setting:

FARCL (Fire Alarm Roll Call) should be set to **0**, as it is not using an input from a fire alarm.

ATTPL (30 Emp attendance panel) should be set to **1** or **2** depending on how many panels you have.

Setting up with the TP600 keypad

All the attendance panel setting are in MODE 8.

To enter mode 8 use (a) the key code on the keypad to enter mode2 (F3, F1, F3, F2), (b) clock the number assigned to Function badge 6 in parameters to enter mode2, then press 'Enter' 6 times, you should now be in Mode 8 (Attendance panel)

Mode 8 has 6 functions:

#1 Scroll panel position and clock numbers/Set clock numbers

#2 Clear all clock numbers from all positions

#3 Set clock numbers to the panel position

#4 Test coms and LED's

#5 Send terminal status to panel

Scroll panel position and clock numbers, set clock numbers

Press #1 and the display shows 'Panel Pos 01 ^'

'Emp num 0001 '

Panel Pos 01 is the first LED on the panel, Emp num is the clock number that is assigned to that LED.

Use key #5 to scroll up to panel pos 02 or key #6 to scroll down to panel pos 30 (or 60 if two panel are used).

The flashing ^ on the top right of the display show that keypad #5 and #6 are used for scrolling the panel positions.

'Clear' will exit to Mode 8.

Press 'Enter' to set the clock number for that position from the keypad.

Press 'F4' to set the clock number for that position from a badge.

Clear all clock numbers from all positions Press #2 and the display shows 'Enter to clear 'Press enter / to continue'

'Enter' will clear all emp numbers assigned to LED's to zero 'Clear' will exit to Mode 8

Set clock numbers to the panel position

Press #3 and the display shows 'Set num to pos ' 'Press enter / to continue'

'Enter' will set the clock number to the same as the LED position i.e. Pos 1 = clock num1, Pos 2 = clock num2. 'Clear' will exit to Mode 8

Test coms and LED's

Press #4 and the display shows 'Attendance Panel' 'Send to pos 0001'

The pos number counts up to 30 (or 60) as each LED is switch on until they are all lit, after one second they all go out and the panel reverts to normal.

Send terminal status to panel

Press #5 and the display shows 'Attendance Panel' 6 'Making list 6 'Finished OK

And then

This has sent the terminal status list to the attendance panel.



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