

17.0 New Features in Firmware 1.8

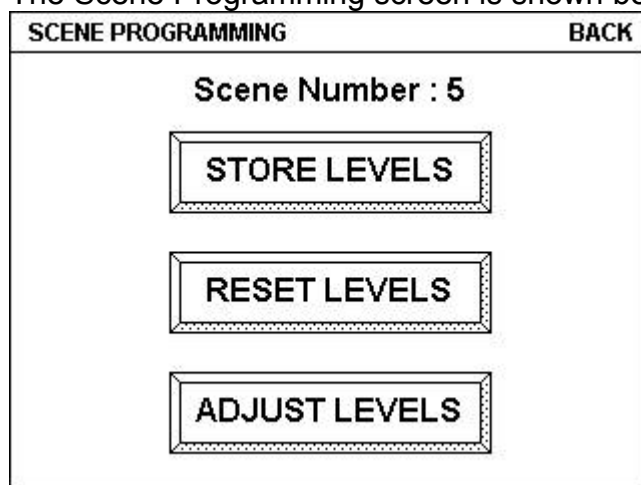
The Firmware 1.8 release contains a number of enhancements to C-Touch functionality. These include:

- Editing of scene levels within the C-Touch unit
- Editing of schedule start times within the C-Touch unit
- A new diagnostics page
- An improved backlight page

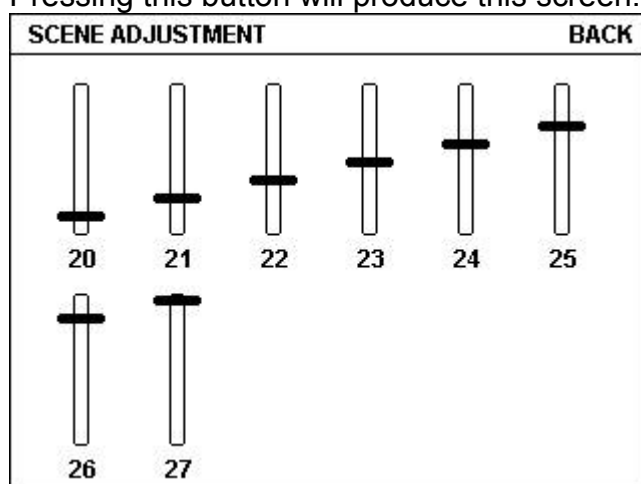
17.1 Scene Editing

If a scene is activated by a button on a page (see Section 10) then the underlying scene can be edited by pressing the button for 6 seconds and then releasing it. (The screen issues a beep when it is time to release the button)

The Scene Programming screen is shown below:



The "Reset Levels" button resets the current scene as originally designed. Pressing the "Store Levels" button will store the current levels (which may be set by any means, such as walking around and setting levels by eye). The "Adjust Levels" button allows manual adjustment of the levels in the scene. Pressing this button will produce this screen:



Each load in the scene is accorded a slider with a label showing it's group address in Hexadecimal. If more loads are included in the scene than can be accommodated on the screen then the upper right hand corner will show a "next" button to see the rest of the loads.

The loads can be adjusted at will by clicking on the sliders and once they are set to the required levels then pressing BACK at the top right will return to the Scene Programming page.

17.2 Schedule Editing

The schedule editing feature is accessed by means of the Schedules button on the Diagnostics page as shown in section 17.3.1 below. When the Schedules button is pressed a list of available schedules is displayed as shown below:

SELECT SCHEDULE	NEXT	BACK
Schedule 1 Stop 12:00:10 Pulse Group		
Schedule 2 Stop 12:00:15 Pulse Group		
Schedule 3 Stop 12:00:20 Pulse Group		
Schedule 4 Stop 12:00:25 Pulse Group		
Schedule 5 Stop 12:00:30 Pulse Group		
Schedule 6 Stop 12:00:35 Pulse Group		
Schedule 7 Stop 12:00:40 Pulse Group		
Schedule 8 Stop 16:00:45 Set Scene		
Schedule 9 Stop 16:00:50 Set Scene		
Schedule 10 Run 12:00:50 Set Group to 100%		

Choosing any schedule from this list displays the "Edit Schedule" page

EDIT SCHEDULE	BACK
Schedule Number : 1	
Time : 12:00:10	
Action : Pulse Group	
Day of Week	Day of Month
Month	Time
Duration	Reset

For each "pulse" type schedule, five different aspects can be adjusted; the day of the week, the month, the duration of the pulse, the day of the month and the time of schedule activation.

For "ramp" or "scene" type schedules, the Duration is not available. Selecting the "Day of the Week" button displays a page as shown on the next page. Any day or combination of days may be selected by pressing in the "check box" area.

EDIT SCHEDULE		BACK
Select the Day of the Week		
☒	Sunday	
☐	Monday	
☒	Tuesday	
☐	Wednesday	
☐	Thursday	
☒	Friday	
☒	Saturday	

Returning to the Edit Schedule main page and selecting "Month" displays this page:

EDIT SCHEDULE		BACK
Select the Month		
☒	Jan	☐ Jul
☐	Feb	☒ Aug
☐	Mar	☐ Sep
☒	Apr	☐ Oct
☐	May	☐ Nov
☐	Jun	☐ Dec

As before, the months may be selected in any combination. The duration of a pulse is set by means of the Duration button which presents three sets of up/down buttons to adjust the duration in hours, minutes and seconds. The day of the month is set by the Day of the Month page:

EDIT SCHEDULE		BACK	
Select the Day of the Month			
☒ 1	☐ 9	☐ 17	☐ 25
☐ 2	☒ 10	☐ 18	☐ 26
☒ 3	☐ 11	☐ 19	☐ 27
☐ 4	☐ 12	☐ 20	☒ 28
☐ 5	☐ 13	☒ 21	☐ 29
☒ 6	☐ 14	☐ 22	☐ 30
☐ 7	☒ 15	☐ 23	☐ 31
☐ 8	☐ 16	☐ 24	

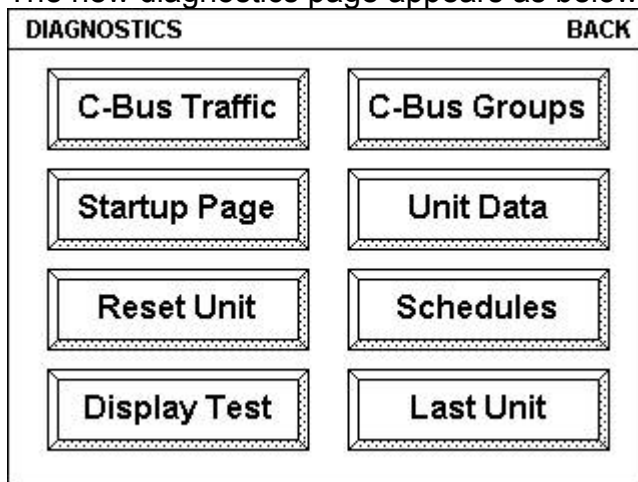
Finally the time is set by the schedule time setting page, which, like the pulse duration consists of three sets of up/down buttons.

17.3 New Pages

Two pages have been changed; the Diagnostics page and the Backlight page. These are described in the sections which follow.

17.3.1 Diagnostics page

The new diagnostics page appears as below:

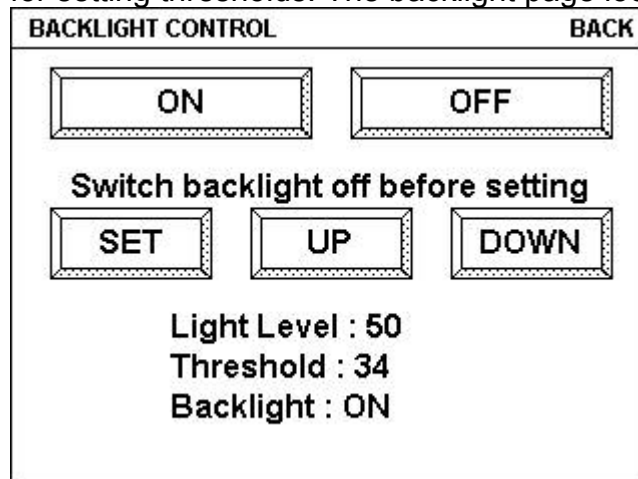


There are four new buttons:

- Reset Unit – triggers a reset (like turning the unit on and off again)
- Schedules – provides access to the Schedule Editing (see 17.2)
- Display Test – shows a test pattern
- Last Unit – shows the last unit address to transmit

17.3.2 Backlight Page

The backlight page contains buttons for setting the backlight on or off and for setting thresholds. The backlight page looks like this:



The "On" and "Off" buttons turn the backlight on or off regardless of the threshold which is set. Pressing the "Set" button sets the threshold to the current light level. Pressing "UP" forces the threshold up and "DOWN" forces the threshold down. If the backlight is already on then the threshold setting will be inaccurate because of the light contribution from the backlight itself. The message "Switch backlight off before setting" warns of this effect. (If the backlight is already off then the message will be simply "THRESHOLD" and the last line will say Backlight: OFF)