

# Hardware Installation Guide



**Models:**  
t8-10xx  
t8-30xx  
t8-50xx

[www.timeware.org](http://www.timeware.org)

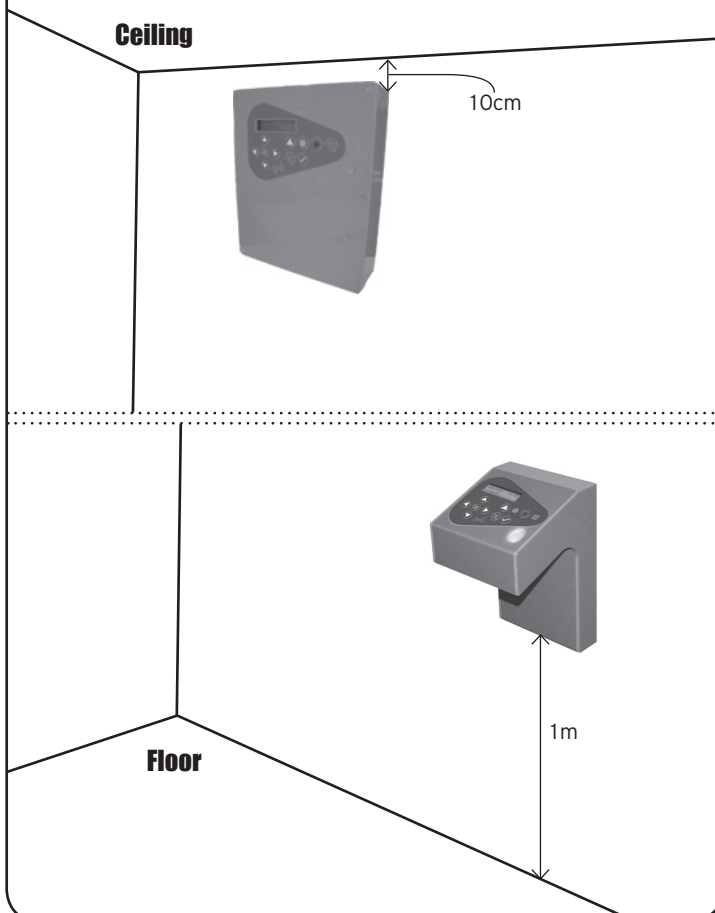
## What do I require to install this equipment...

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- Phillips or Flat head screwdriver
- Small Phillips head screwdriver
- Cable ties
- Electric drill
- Masonry drill bit for 8s screws
- Rawlplugs for 8s screws
- 4 x 8s screws to fit head of above screwdriver
- Spirit level
- Tape measure
- RJ45 Socket within 1 metre of site of terminal
- Minimum 1 metre Patch lead
- 13amp socket within 2 metres of site of terminal
- Plastic Trunking (as required)

## Positioning on the wall...

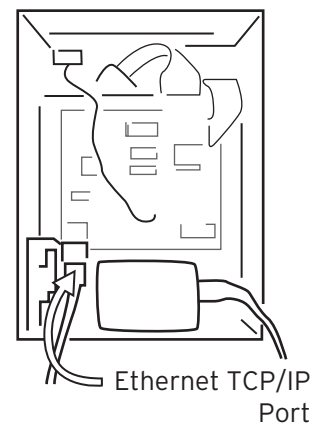
2



## Communications & low voltage power...

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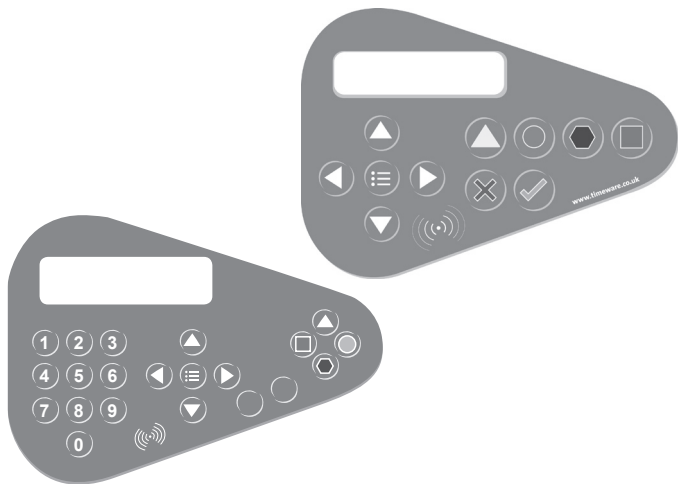
1. Insert the network patch lead (not supplied) into the square network socket inside the terminal.
2. Plug the other end of the network patch lead into the RJ45 network point (installed by a qualified network engineer).
3. If possible have the RJ45 network socket installed as near to the terminal to keep the patch lead short and tidy.
4. PLEASE NOTE...  
The patch lead must be a straight through patch lead and not a cross over lead. (Please consult your IT dept if you are not sure).
5. Please ensure that your company's IT specialist connects the RJ45 box to the company network.
6. Please find 1x low voltage power pack supplied with your timeware system.
7. Plug the round low voltage male plug into the female socket on the main pcb board inside the clock terminal.
8. Refit the terminal front case onto the back plate on the wall.
9. Insert the power lead (supplied) into the low voltage power pack.
10. Plug the 3 Pin 5 amp Plug into the 240 volt Wall socket (near the timeware terminal).
11. Switch on the mains power....  
The display on the clock terminal will light up and display the date & time.



## Connecting timeware proximity readers to the t8-10xx terminal...

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Red	=	9-12 volts	= + volts
Black + Yellow	=	GND	= 0 volts
Grey	=	Data	= RTD
Blue	=	Clock	= RCL
Brown	=	Card present	= CLD



## Setting the IP address...

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### How to set the I.P Address:

1. Press the List key once  x 1
2. Press the down arrow key twice  x 2
3. Press the tick once  x 1
4. Press the following in the same sequence twice  
    x 2
5. Press the green tick once  x 1
6. Press the down arrow key once  x 1
7. Press the green tick once  x 1
8. Press the green tick once  x 1
9. Use the up & down, left & right keys to set the Terminal IP address.
10. Press the green tick once  x 1
11. Press the green tick once  x 1
12. Finally, press the red X key twice to return to the time & date. Your terminal is now configured for your network.  x 2

Display shows

1.0.0 t8 9.7.4b Status
3.0.0 Configuration
3.0.0 Code: _
3.0.0 Code: xxxxxxxx
3.1.0 Time & date
3.2.0 Communication
Comms type: Network
Terminal IP 192.168. 1. 70
Save Changes Accept/Reject

## And finally...

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Now refer to the Software Installation Guide...

For further information on the product range please refer to...

[www.timeware.org](http://www.timeware.org)

**timeware**  
Community



Simon Birchall

Datasheet: tw/i/0101

25/07/09

Description: hardware installation guide for angled attendance terminals

[www.timeware.org](http://www.timeware.org)

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