



# QC595

## Calculating Clocking in Machine



## Operation Manual

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## **1. Introduction**

Thank you for purchasing the QC595 Calculating Clocking in Machine. We hope that you will be pleased with your purchase. Your Clocking in Machine should already be set-up for immediate use however if you need to make some changes then this operation manual contains instructions on how to do this.

**This machine has an employee capacity of 50 no more than 50 cards can be used in any one week/ period. Please don't use the same numbered card for more than one employee in the same weekly period.**

### **Package Contents**

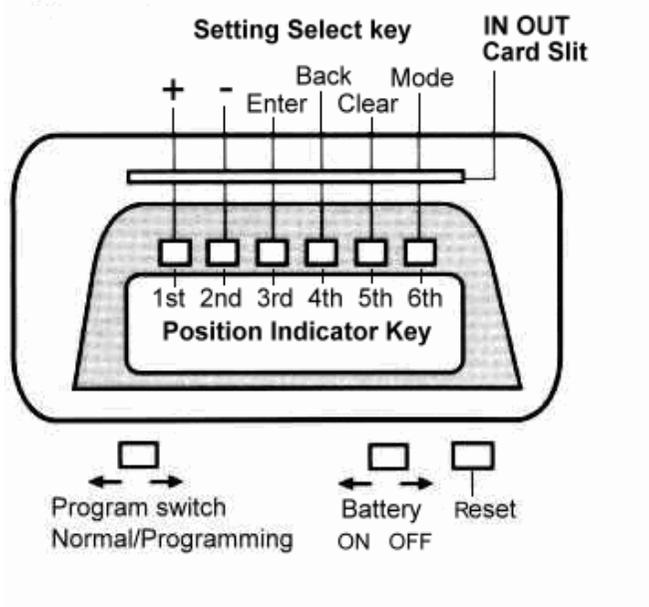
First carefully unpack the clocking in machine and check the contents:

- **Clocking in Machine**
- **Power supply with plug**
- **Key**

**Important: always ensure you purchase and use the correct calculating cards for this machine many other cards may look similar but will not be correct. Correct cards will be labeled as suitable for use with QC595 calculating time recorder or similar please contact QuickClocks for the correct cards. (Correct card will have holes and a printed card number along the base of the cards from 001-050).**

## Parts identification

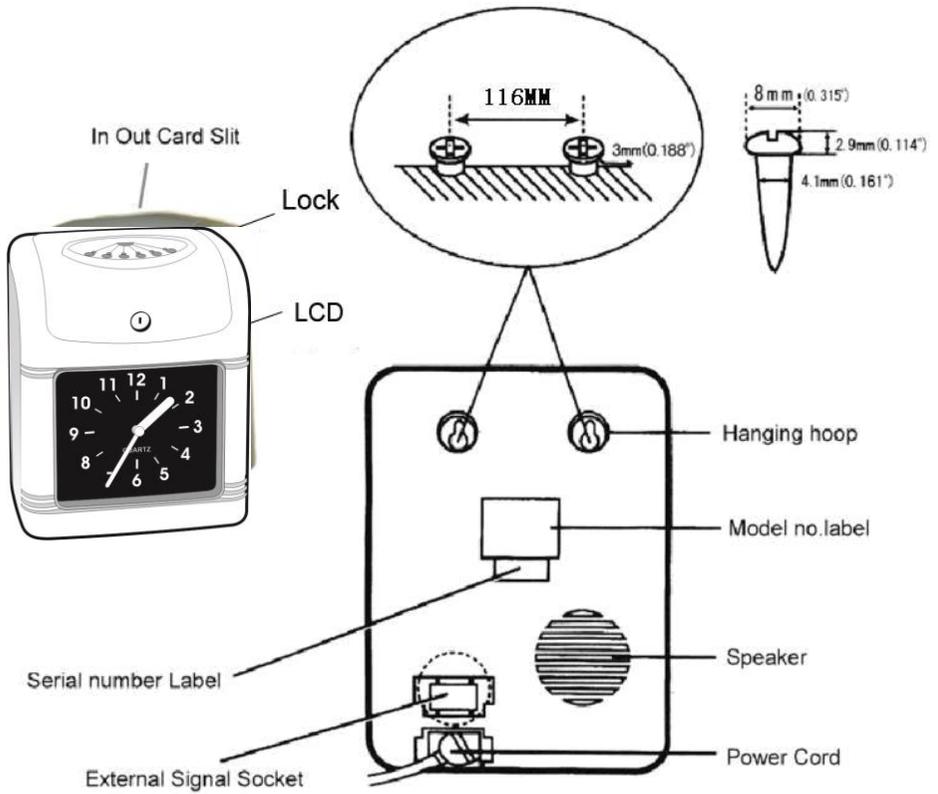
### (a) Keypad



### (b) LCD display



**(b) Case and Rear Fixings**



## Setting Buttons

<b>+</b>	to increase the set value by 1
<b>-</b>	to decrease the set value by 1
<b>Enter</b>	to save the set value & enter the next step
<b>Back</b>	to go back
<b>Mode</b>	Function Programming
<b>Clear</b>	to cancel the set value
<b>Program switch</b>	Normal/ Programming
<b>Battery</b>	Battery On/Off
<b>Reset</b>	Reset

## 2. Function Options

**mode selection: Step through with selection of “Mode” button**

### **Overview of code sections**

**C001**-Basic setup--Time, Date, Daylight saving, Print format, Shift length

**C002**-Advanced setup-- Set Calculation Rules, day change, Roundings & breaks

**C003**-Bell events-- Set when the Bell / Sounder rings

**C004**--- Not used

**C005**-Print colour-- Set when to print Red or Black

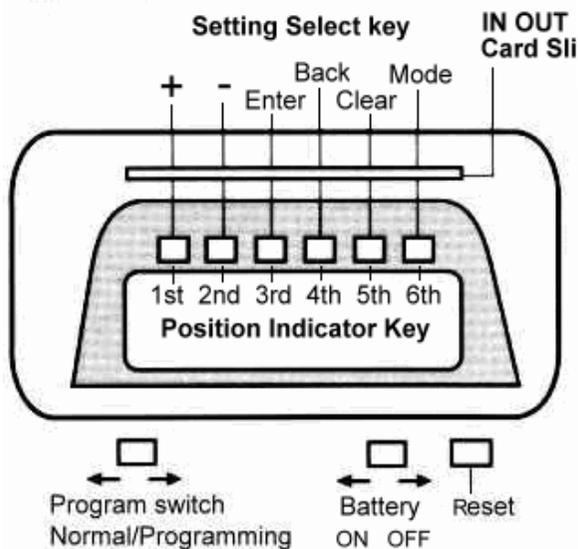
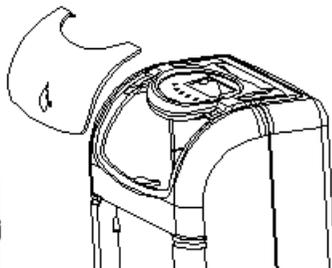
## Detail for program setting codes and functions :

<b>C000</b>	
<b>Code</b>	<b>Functions</b>
<b>00</b>	Leave as 01
<b>C001 = Basic setup</b>	
<b>Code</b>	<b>Functions</b>
<b>00</b>	Set Year
<b>01</b>	Set Month and Date
<b>02</b>	Set Hour and Minute
<b>03</b>	Set 12/24hr clock display & print (12hr Mins print is underlined)
<b>04</b>	Daylight saving start Month/Date (eg 03/30)
<b>05</b>	Daylight saving start Time HH/MM (01:00 is normal)
<b>06</b>	Daylight saving end Month/Date (eg 10/27)
<b>07</b>	Daylight saving end Time HH/MM (02:00 is normal)
<b>08</b>	Print position offset (vertical) Leave at 05
<b>09</b>	Print position offset (Horizontal) leave at 05
<b>10</b>	Max shift length normal =14:00hrs
<b>11</b>	Calculating mode leave at 03 other modes not supported
<b>C002 = Advanced setup</b>	
<b>00</b>	Set the date changing time (00:00 is normal)
<b>01</b>	Set the pay period leave at 02
<b>02</b>	Set roundings are set to minute by minute if set to 00 or 15 minutes for 01 set both In and Out Roundings in same combined setting Setting 00:00 = In and out rounding are off unit will calculate from clock in minute to clock out minute. Setting 01:01= in and out roundings are on Time will be calculated from the next 15-minute point-up to the last completed 15-minute.
<b>03</b>	Start time of break 1

<b>04</b>	End time of break 1
<b>05</b>	Start time of break 2
<b>06</b>	End time of break 2
<b>07</b>	Not in use
<b>08</b>	Print format 00=HHMM, 01(default)=Day HHMM, 02= Date HHMM
<b>C003 = Bell events when to ring the bell/sounder</b>	
<b>00</b>	Set Bell duration Typical = 5 seconds
<b>01~12</b>	Setting times for bell ringing (01~12 ) Setting for HHMM & Internal/External only (Bell will ring same time each day).
<b>C004 = Not in use</b>	
<b>C005 = setting of print colour when to print in Red or Black</b>	
<b>01</b>	Setting the time 1 <sup>st</sup> changing of color to (Red)
<b>02</b>	Setting the time 2 <sup>nd</sup> changing of color to (Black)
<b>03~24</b>	Setting the remaining of the 24 change times

### 3. Opening the case

Using the key provided open the top cover and remove.



### 4. Common Function Setting

The programming mode is entered by unlocking and removing the top cover and moving program switch to the right hand side,

The LCD will show **C000** press **Mode** key to select the program required, **C001**, **C002**, **C003**, **C005** see table of codes for reference

#### Setting the Year

Press **Mode** key to select the program **C001**

Press **Enter** to cycle through the codes available.

Press **Enter** to enter the program Code **00**,

(00 display on the left corner indicates the program Code),

The digital display reads 2025 indicates year 2025, the year

“25” flashes on the right of the digital display, press the **+** or **-** button to set the year. Press **Enter** to register the setting.

## Setting the Month and Date

Press **Mode** key to select the program **C001**

Press **Enter** to cycle through the codes available.

Press **Enter** to enter the program Code **01**

press **+** or **-** button to set the month.

Press **Enter** again to register the setting value.

press **+** or **-** button to set the day.

Press **Enter** again to register the setting value.

## Setting the Hour and Minute

Press **Mode** key to select the program **C001**

Press **Enter** to cycle through the codes available.

Press **Enter** to enter the program Code **02**

Press **+** or **-** button to set the Hour.

Press **Enter** again to register the setting value.

press **+** or **-** button to set the Minute.

Press **Enter** again to register the setting value.

## Setting the time 12 or 24hr display

Press **Mode** key to select the program **C001**

Press **Enter** to cycle through the codes available.

Press **Enter** to enter the program Code **03**

Press **+** or **-** button to set the time system.

Press **Enter** again to register the setting value.

## Setting the start of Daylight saving date

Press **Mode** key to select the program **C001**

Press **Enter** to cycle through the codes available.

Press **Enter** to enter the program Code **04**

press **+** or **□** button to set the start month.

Press **Enter** again to register the setting value.

press **+** or **□** button to set the start date.

Press **Enter** again to register the setting value.

## Setting the Start of daylight saving time

Press **Mode** key to select the program **C001**

Press **Enter** to cycle through the codes available.

Press **Enter** to enter the program Code **05**

press **+** or **□** button to set the start hour.

Press **Enter** again to register the setting value.

press **+** or **□** button to set the start minute.

Press **Enter** again to register the setting value.

## Setting the End of Daylight saving date

Press **Mode** key to select the program **C001**

Press **Enter** to cycle through the codes available.

Press **Enter** to enter the program Code **06**

press **+** or **□** button to set the start month.

Press **Enter** again to register the setting value.

press **+** or **□** button to set the start date.

Press **Enter** again to register the setting value.

## Setting the End of daylight saving time

Press **Mode** key to select the program **C001**

Press **Enter** to cycle through the codes available.

Press **Enter** to enter the program Code **07**

press **+** or **↓** button to set the start hour.  
Press **Enter** again to register the setting value.  
press **+** or **↓** button to set the start minute.  
Press **Enter** again to register the setting value.

### Setting printing position (Up/Down)

Press **Mode** key to select the program **C001**  
Press **Enter** to cycle through the codes available.  
Press **Enter** to enter the program Code **08**  
Press **+** or **↓** button to set the printing position <0~9>  
Press **Enter** again to register the setting value.  
Higher value, printing moves upward, lower value,  
printing moves downward.

### Setting printing position (Left/Right)

Press **Mode** key to select the program **C001**  
Press **Enter** to cycle through the codes available.  
Press **Enter** to enter the program Code **08**,  
press **+** or **↓** button to set the printing position <0~9>  
Press **Enter** again to register the setting value.

## Advanced settings

### Setting the day change time (normally 00:00)

Press **Mode** key to select the program **C002**  
Press **Enter** to cycle through the codes available.  
Press **Enter** on the program Code **00**,  
press **+** or **↓** button to set the the Hour.  
Press **Enter** again to register the setting value.  
press **+** or **↓** button to set the set the Minute.  
Press **Enter** again to register the setting value

## Setting the pay period

Press **Mode** key to select the program **C002**

Press **Enter** to cycle through the codes available.

Press **Enter** on the program Code **01**

press **+** or **-** button to set the 1<sup>st</sup> 2 digits to 02.

Press **Enter** again to register the setting value.

press **+** or **-** button to set the 2<sup>nd</sup> pair of digits to the day that ends your week, 00=Sun,01=Mon,02=Tue,03=Wed,04=Thu,05=Fri,06=Sat.

Press **Enter** again to register the setting value

## Setting the roundings for calculation

Press **Mode** key to select the program **C002**

Press **Enter** to cycle through the codes available.

Press **Enter** on the program Code **02**

press **+** or **-** button to set the in roundings on or off.

Press **Enter** again to register the setting value.

press **+** or **-** button to set the out roundings on or off.

Press **Enter** again to register the setting value

## Bell / Sounder Events

### Setting the bell/sounder duration (0-60Seconds)

Press **Mode** key to select the program **C003**

Press **Enter** to access the menu.

Press **+** or **-** button to set the duration seconds.

Press **Enter** again to register the setting value.

### Setting the time signal

Press **Mode** key to select the program **C003**

Press **Enter** twice to access the menu.  
Press **+** or **-** button to set the Hour.  
Press **Enter** to register the Hour.  
Press **+** or **-** button to set the Minute.  
Press **Clear** to enter the days setting(these cannot be changed).  
Press **+** or **-** button to set the output music option 01,02,03  
Press **Enter** to register the setting.  
Unit will step to event 02 so you can set next event.  
Doing the same as above to enter code **02~12** and  
complete the setting of ring times if necessary.

## Colour change events

### Setting the 2-color printing

Press **Mode** key to select the program **C005**  
Press **Enter** to access the menu.  
Press **+** or **-** button to set the Hour.  
Press **Enter** to register the Hour.  
Press **+** or **-** button to set the Minute.  
Press **Clear** to enter the days setting(these cannot be changed).  
Press **+** or **-** button to set the colour option 01=RED,02=Black  
Press **Enter** to register the setting.  
Unit will step to event 02 so you can set next event.  
Doing the same as above to enter code **02~24** and  
complete the setting of colour change times if necessary.

*For sales and service please contact QuickClocks at*  
[www.quickclocks.co.uk](http://www.quickclocks.co.uk)  
[sales@quickclocks.co.uk](mailto:sales@quickclocks.co.uk)  
01252 517123

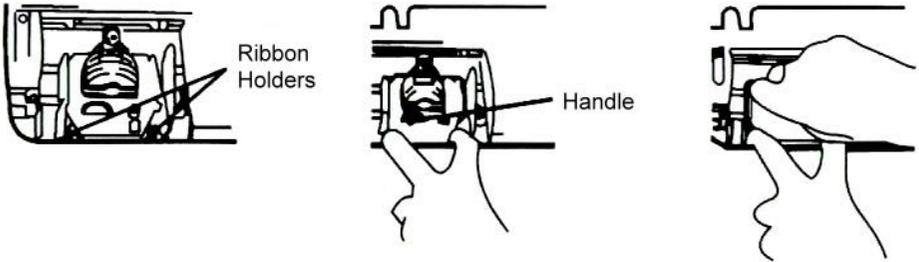
## 5. Trouble Shooting

© Press **RESET** button to re-start the program if it is not working properly.

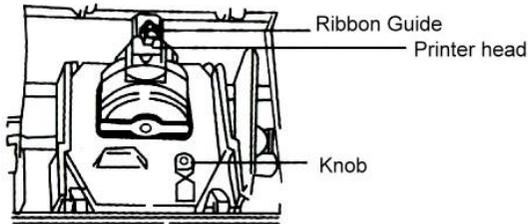
Trouble	Causes	Corrective Measures
The time recorder does not accept time card	<ol style="list-style-type: none"> <li>1. Power failure.</li> <li>2. The time card is damaged.</li> <li>3. The power cord is disconnected.</li> <li>4. Cards were inserted or pulled out by force.</li> </ol>	<ol style="list-style-type: none"> <li>1. Wait until power supply is restored.</li> <li>2. Change to a new time card.</li> <li>3. Insert the power plug firmly into the power outlet.</li> <li>4. Pull the power plug out of the power outlet, then insert again.</li> </ol>
The clock is slow (or fast)	<ol style="list-style-type: none"> <li>1. Error in setting the clock.</li> <li>2. Power failure.</li> </ol>	Set it correctly.
Light printing	<ol style="list-style-type: none"> <li>1. The ribbon cartridge is not set correctly.</li> <li>2. The cartridge has been used for a long time.</li> </ol>	<ol style="list-style-type: none"> <li>1. Set it correctly.</li> <li>2. Change the cartridge.</li> </ol>
The printing position is wrong	<ol style="list-style-type: none"> <li>1. Incorrect setting of day change.</li> <li>2. Improper use of the time recorder.</li> </ol>	<ol style="list-style-type: none"> <li>1. Set it correctly.</li> <li>2. Make sure to insert the card in the card slot and remove it properly.</li> </ol>
The date is incorrect	Error in setting the date.	Set it correctly.
Imperfect printing	Improper use of the time recorder	Make sure to insert card in the middle of the card slot and remove correctly.

## 6. Replacing The Ribbon Cartridge

1. Open the top cover and press the 4th button from the left to move the ribbon cartridge to the center. If there is a strip of tape holding the ribbon in place you will need to remove this.
2. As shown in the figure below, pull the ribbon holders towards you and, holding them steady in the position, use the handle to remove the cartridge.



3. Correctly insert a new cartridge between the ribbon guide and the printer head. Push the cartridge head until it clicks into place. Then, turn the knob clockwise to secure the ribbon and remove any slack.



## 7. Precautions

1. To avoid fire or electric shock, please do not expose this machine to rain, liquids or excessive condensed moisture.
2. Do not expose to direct sunlight, strong heat source or dusty environment.

## 8. Specifications

Power Supply	DC13V 1000MA Input
Power Consumption	Standby:2W / Work:10W
Dimensions	Approx. 193 x 244 x 123 mm ( L x W x H )
Weight	2.4 Kgs
Usage Environment	-30°C~40°C
	10%RH~80%RH
Time Card Sizes	85 x 188 x 0.35 mm ( W x L x H )
Ribbon Cartridge	QC500 Print Ribbon

## 9. Error Code

**E2E2--Wrong position (left & right)**

**E3E3—Battery needs to charge**

### Important Note:

***This machine uses numbered cards to calculate the employee hours. It is essential that the same card number is not used by two employees in the same week. If two cards with the same number are used the times and totals will be split across both cards leading to confusion.***

***It is advisable to only use genuine QuickClocks time recorder ribbons and cards. Usage of non genuine or non compatible ribbons and cards may damage the printer and void your warranty.***