

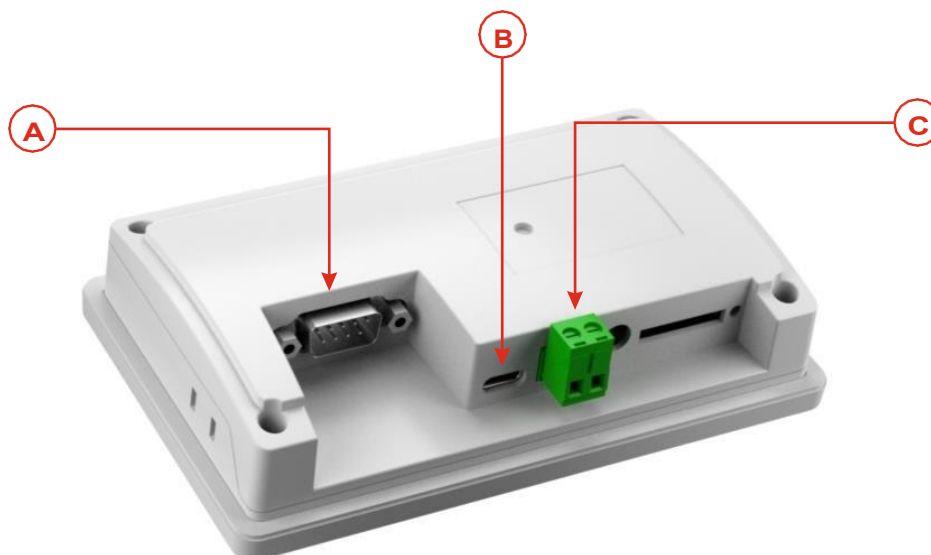
# HMI Based Foot Massage Controller - User Manual

## Display Specification:



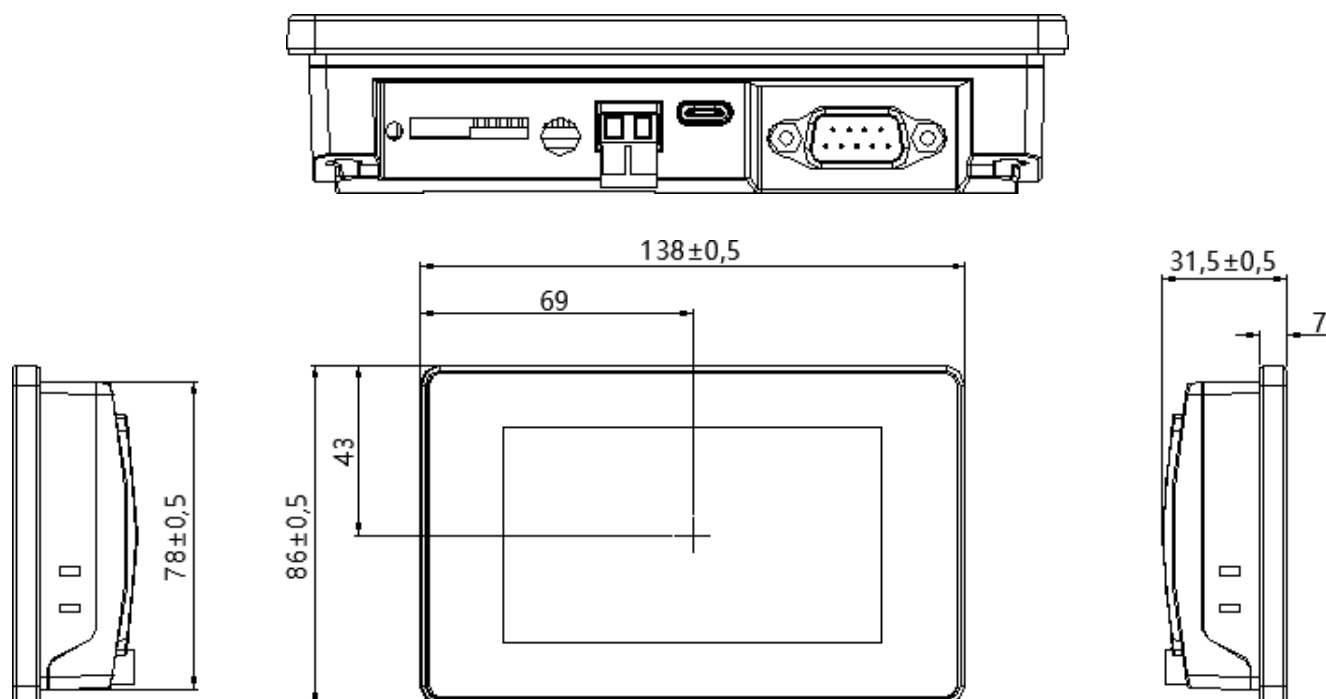
| Display      | 4.3"16:9 TFT LCD Screen         | 7.0"16:9 TFT LCD Screen |
|--------------|---------------------------------|-------------------------|
| Resolution   | 800 X 480                       | 800 X 480               |
| Color        | 16 Bit                          | 16 Bit                  |
| Brightness   | 250 CD/m <sup>2</sup>           | 250 CD/m <sup>2</sup>   |
| Backlight    | LED                             |                         |
| Touch Screen | 4-line industrial resistive HMI |                         |
| LCD Life     | 50000 Hours                     |                         |

## Wiring Connection of 4.3" HMI:

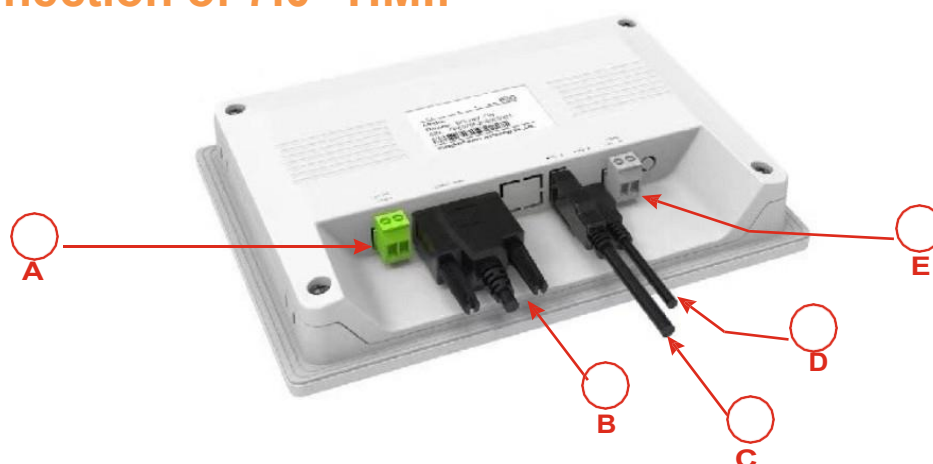


| Sr.No    | Connection            | Discription                                                   |
|----------|-----------------------|---------------------------------------------------------------|
| <b>A</b> | <b>DB 9 Connector</b> | <b>For Device Communication &amp; Printing</b>                |
| <b>B</b> | <b>USB Type C</b>     | <b>For Downloading Program &amp; to Copy Data In Pendrive</b> |
| <b>C</b> | <b>Power Terminal</b> | <b>Pin 1 - 0V<br/>Pin 2 - DC 24V</b>                          |

## Mechanical Dimensions of 4.3" HMI:

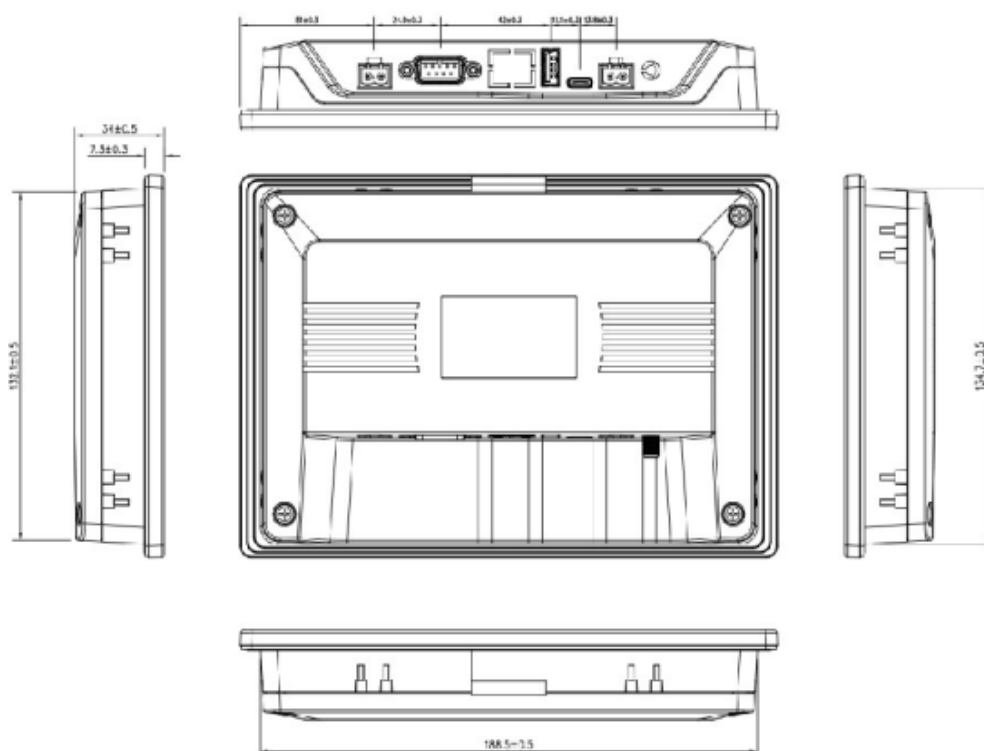


## Wiring Connection of 7.0" HMI:

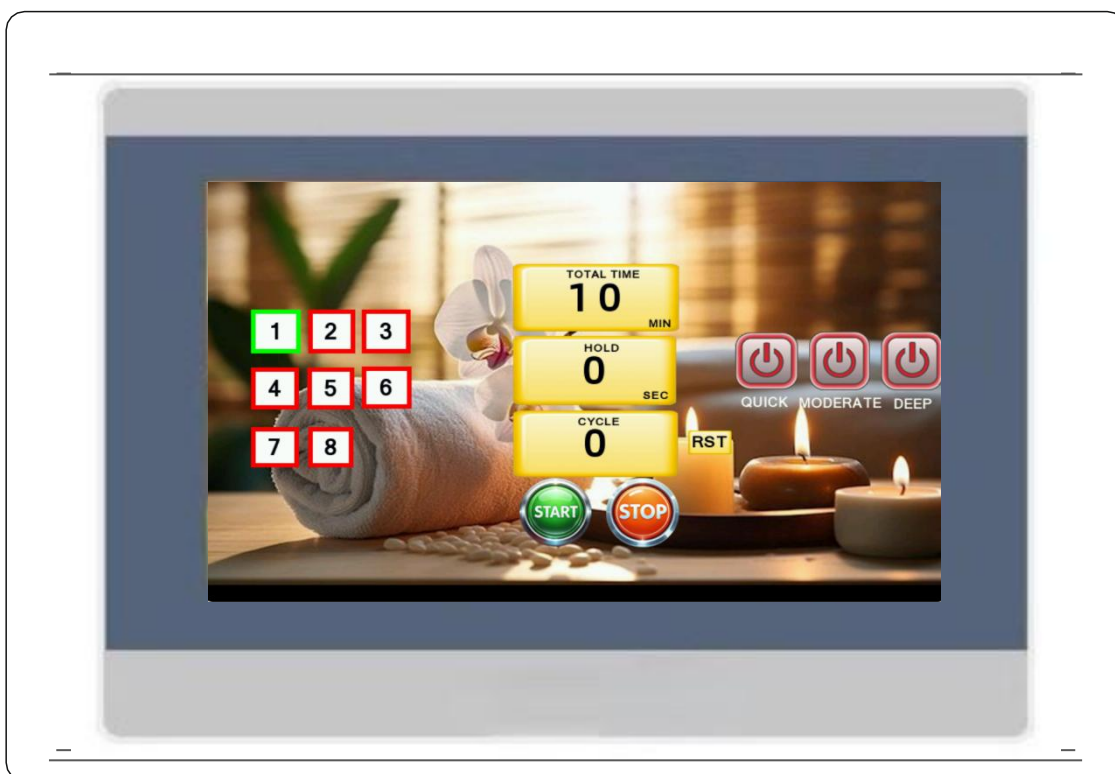


| Sr.No    | Connection                        | Discription                                          |
|----------|-----------------------------------|------------------------------------------------------|
| <b>A</b> | <b>Power Terminal (COM1/COM3)</b> | <b>Pin 1 - (-DC GND)<br/>Pin 2 - (+DC 24 V)</b>      |
| <b>B</b> | <b>DB 9 Connector</b>             | <b>For Device Communication &amp; Printing</b>       |
| <b>C</b> | <b>USB Host</b>                   | <b>Connecting U-DISC and Scanner etc.</b>            |
| <b>D</b> | <b>USB Slave</b>                  | <b>For Downloading Program</b>                       |
| <b>E</b> | <b>485 Terminal (COM2)</b>        | <b>Pin 1 - A+ (+RS-485)<br/>Pin 2 - B- (-RS-485)</b> |

## Mechanical Dimensions of 7.0" HMI:



## Home Screen:



|    |          |                                                                                         |
|----|----------|-----------------------------------------------------------------------------------------|
| 1. | <b>1</b> | <b>Program 1:</b><br><b>Anti-clockwise for 10 Minutes</b>                               |
| 2. | <b>2</b> | <b>Program 2:</b><br><b>Clockwise for 10 Minutes.</b>                                   |
| 3. | <b>3</b> | <b>Program 3:</b><br><b>Anti Clockwise 5 minutes,5 Sec Pause, 5 minutes Clockwise</b>   |
| 4. | <b>4</b> | <b>Program 4:</b><br><b>5 Minutes Clockwise ,5 Sec Pause, 5 Minutes Anti-clockwise.</b> |

|     |                                                                                     |                                                                                                                                                           |
|-----|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5.  |    | <b>Program 5:</b><br>Anti clockwise 3 Minutes, 3 Sec Pause, Clockwise 2 Minutes, 3 Sec Pause, Anti clockwise 3 Minutes, 3 Sec Pause                       |
| 6.  |    | <b>Program 6:</b><br>3 Minutes Clockwise, 3 Sec Pause, 2 Minutes Anti- clockwise, 3 Sec Pause, 3 Minutes Clockwise, 3 Sec Pause, 2 Minutes Anti Clockwise |
| 7.  |    | <b>Program 7:</b><br>Anti clockwise 8 Minutes, 5 Sec Pause, Clockwise 2 Minutes.                                                                          |
| 8.  |   | <b>Program 8:</b><br>8 Minutes Clockwise, 5 Sec Pause, 2 Minutes Anti clockwise.                                                                          |
| 9.  |  | <b>Quick Clean:</b><br>30 seconds Cleaning.                                                                                                               |
| 10. |  | <b>Moderate Clean:</b><br>60 seconds Cleaning.                                                                                                            |
| 11. |  | <b>Deep Clean:</b><br>120 seconds Cleaning.                                                                                                               |

## Connection Diagram:

