

PROTOCOL FOR USER FARE DISPLAY – 640MM X 320MM

Default Baud Rate: 4800

If required, 9600 baud rate or any other value, the same needs to be informed along with the Purchase Order. Please note as per global standards default distance coverage available with 9600 baud rate is less than 15 Meters.

COMMAND SET

“ | ” is used as the command separator

“ \r ” for Enter Function

“MSSL” initial bits for selecting our Product

“STATIC” or “SCROLL” for defining message type i.e. stationary display or Scrolling Display

“FXX” for Font Size Selection where XX shall have numeric value for Font Size. Current System supports following FONT Sizes: 16, 07, 05 (each displaying 240mm, 160mm, 70mm and 50mm character height)

“XX-YY” for defining start pixel in numeric values where XX is for X Axis and YY for Y Axis and 00-00 reflects the top left corner and 64-16 reflects bottom right corner incase of 640x160mm display and 64-32 incase of 640x320mm display

COMMAND SET FOR OPERATING

1. COMMAND FOR STATIC DISPLAY

MSSL STATIC F16 00-00 WELCOME TO \r	This command will Display the word WELCOME TO in static with 16 Font Size with W starting at 00-00 position. In this case only One Line will be displayed on 640x160mm display and 2 Lines in case of 640x320mm display
MSSL STATIC F07 00-00 WELCOME TO \r	This command will Display the word “WELCOME TO” in static with 07 Font Size with W starting at 00-00 position which can be termed as 1st Line
MSSL STATIC F07 00-09 TOLL PLAZA \r	This command will Display the word “TOLL PLAZA” in static with 07 Font Size with T starting at 00-09 position which can be termed as 2nd Line.

MSSL STATIC F07 00-16 MESSAGE 03 \r	This command will Display the word "MESSAGE 03" in static with 07 Font Size with M starting at 00-00 position which can be termed as 1st Line
MSSL STATIC F07 00-24 MESSAGE 04 \r	This command will Display the word "MESSAGE 04" in static with 07 Font Size with M starting at 00-00 position which can be termed as 1st Line

2. COMMAND FOR SCROLLING DISPLAY

MSSL SCROLL F07 00-16 MESSAGE 03 \r	This command will scroll the word "MESSAGE 03" with 07 Font Size with M starting at 00-16 position which can be termed as 1st Line
MSSL SCROLL F07 00-24 MESSAGE 04 \r	This command will Display the word "MESSAGE 04" in static with 07 Font Size with M starting at 00-24 position which can be termed as 1st Line

Note: In case you require 1st Line Scrolling and 2nd Line as Static then you will have to send command for 2nd Line Static first and then send command for scrolling message else either both line will start scrolling or both will become static. Also the text will remain scrolling until the new data is not sent on Serial Port. As soon as new data is sent the message will stop scrolling.

3. COMMAND FOR CLEARING DISPLAY

MSSL SCREEN CLR 00-00 \r	This command will clear all the content on the display and even clear all the data in system buffer. It is recommended to use this command after sending each command / before change of content on display in order to avoid displaying buffer data accidentally.
MSSL STATIC F07 00-16 \r	Use this command to clear data in a particular line 00-00 for 1 st Line 00-09 for 2 nd Line 00-16 for 3 rd Line 00-24 for 4 th Line



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4. COMMAND FOR RED ROUND AND GREEN ARROW

MSSL ARROW0 GRN 00-00 \r	This command will display Green Arrow on Top Right Side
MSSL ROUND0 RED 00-00 \r	This command will display Green Arrow on Top Left Side