

# **Large Scrolling Text Display**

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**Abstract:** *The Large Scrolling Text Display is an innovative solution designed to present dynamic information in public spaces, educational institutions, transportation hubs, and Commercial environments. Utilizing LED matrix technology, the system displays real-time scrolling messages with high visibility and low power consumption. The project integrates a microcontroller (such as Arduino or Raspberry Pi) to manage text input, speed, and display patterns. It supports both wired and wireless communication interfaces, allowing for Remote updates via Bluetooth, Wi-Fi, or mobile applications. The design emphasizes modularity, scalability, and user-friendliness, making it suitable for a wide range of applications, from advertisement boards to digital notice systems. The display offers enhanced read ability, especially in low-light or outdoor conditions, ensuring effective communication in various environments.*

**Keywords:** Large Scrolling Text Display

