



**K&K Systems, inc.**  
Traffic Safety Products Manufacturer



### Wireless Controller

The K&K Mini Messenger has a standard wireless controller for easy operation and message selection. Standard features include:

- ▶ Preprogrammed messages and arrow functions
- ▶ Quick message selection: changes messages quickly
- ▶ Store up to 99 messages
- ▶ Connectivity Indicator
- ▶ LCD Screen
- ▶ Preview message before selecting

## MINI MESSENGER

The Mini Messenger is a small, one line variable message sign capable of displaying arrow patterns and text. This Mini Message Board is ideal for city/county vehicle fleets, volunteer emergency personnel, road maintenance crews, and so much more. Mounting options include truck tailgates, hitches, vehicle roofs, and headache racks.

The K&K Mini Messenger software allows you to create custom messages complete with a wide range of fonts. With just a few clicks, your message can scroll, flash or display constantly. Program messages with arrow patterns and text, preview message, and save directly to the controller. Split text area capable. Edit a message previously saved easily.

### FEATURES

- ▶ Quick message selection
- ▶ Super bright LED technology
- ▶ Water / moisture resistant
- ▶ Capable of displaying alphanumeric text and arrow patterns
- ▶ RF immunity
- ▶ Extruded aluminum frame
- ▶ Store up to 99 messages
- ▶ Charge with USB
- ▶ Multiple mounting options
- ▶ Split screen capability
- ▶ Easy to use software
- ▶ Amber or Red LEDs
- ▶ 5" Character height



Model MM662-16144Y-R Shown

# MODEL #MM662-16144Y-R

## MINI MESSENGER

Model Selection Guide	Model	Cabinet Size	Character Size	Display Size	
	RED MESSAGE SIGNS				
	MM622-1672R-R	6.5" X 22.5"	5"	5" X 21.5"	
	MM644-16144R-R	6.5" X 44.5"	5"	5" X 43.5"	
	AMBER MESSAGE SIGNS				
	MM622-1672Y-R	6.5" X 22.5"	5"	5" X 21.5"	
	MM644-16144Y-R	6.5" X 44.5"	5"	5" X 43.5"	
	MOUNTING OPTIONS				
	MM-AMB	Angle mounting brackets (set of 2)			
	MM-HM	Hitch mount for receiver with securing pin			
MM-MM	Mounting magnets for vehicle roof top mount (set of 2)				
MM-PTM	Pickup tailgate mount (set of 2)				

### ENCLOSURE

**Construction:** Extruded aluminum

**Seal:** Weather resistant

**Front Face:** Layer protection using Lexan

### LED MODULES

**Pixel Matrix:** 16 x 72 or 16 x 144

**LED's Per Pixel:** 1

**Viewing Angle:** 110 degrees

**Paint:** Flat Black

**Coating:** Conformal coated

**Hours:** 100,000 hour LEDs

### HEADACHE RACK MOUNT



### CONTROLLER

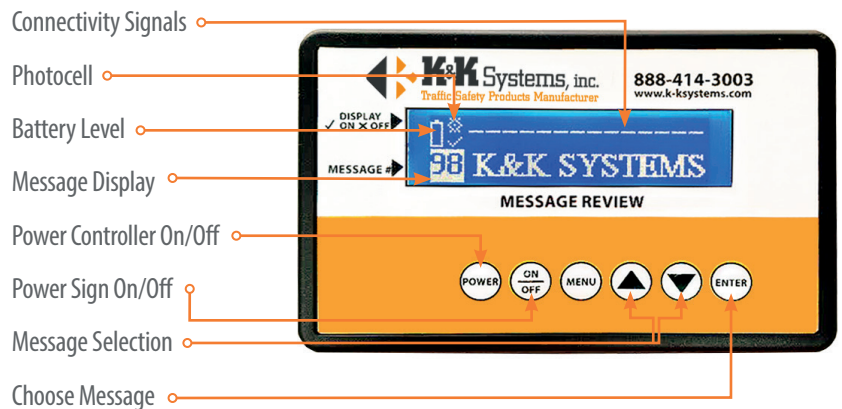
**Memory:** 16 x 72 or 16 x 144

**Operating Temp:** (-40°F to + 165°F)

**Backup:** Battery

**Power:** 5V - 24V

### DESCRIPTION OF CONTROLS



### OPTIONS

- ▶ AC/DC power supply to run Mini Messenger on 120V wall outlet
- ▶ Cigarette lighter plug charger for USB connection to Mini Messenger
- ▶ 4-Way trailer tail light power plug. Cable assembly to supply power to Mini Messenger. 12V DC
- ▶ Tailgate mount brackets