

### BASIC OPERATION

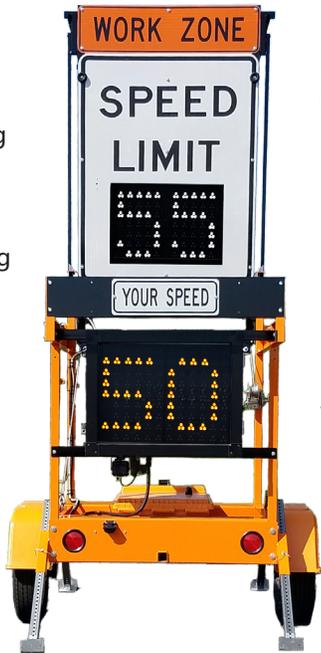
#### POSITIONING

- 1) Check for proper positioning of sign panel by sighting through sight tubes toward location of approaching traffic.
- 2) Fully extend jack stands. Jack stands should be used anytime the unit is not attached to a tow vehicle.

-  **Chock wheels before detaching from vehicle.**
-  **Check for overhead wires and obstructions.**
-  **Keep hands clear of lifting mechanism at all times.**
-  **Do not stand under sign panel while raising or lowering.**
-  **For safer placement, shield unit behind a barrier or crash cushion.**

#### OPERATION

- 3) Raise sign panel to operating position and engage safety locking pins.
- 4) Lift up battery cover to access MegaTech Controller
- 5) On MegaTech controller touch "Log In" button.
- 6) If required, enter a valid password and touch "OK".
- 7) Adjust Speed Limit to desired number.
- 8) Additional adjustments to time/ days of week displayed can also be made, if required.
- 9) Touch "OK" button and return control console to stored position.
- 10) Close, latch and lock battery compartment cover.



### TRANSPORTING CHECKLIST

- Blank the sign panels.
- Close and latch battery compartment cover.
- Secure battery compartment with padlock.
- Lower the sign panel on rear support. The cable should be slack.
- Secure all jack stands in retracted position.
- Connect and lock coupler onto tow vehicle.
- Retract and lock tongue jack in horizontal position.
- Install safety chains, crisscrossed under tongue.
- Connect stop and tail lights and check function.
- Periodically check tire pressure and coupler integrity.
-  Always transport trailer with tongue pitched down and facing forward.

### LED Display Module Replacement (Amber LED P/N 781-124-619) (White LED P/N )

- 1) Open sign panel door and locate the six (6) ¼-turn wing-head captive fasteners on the LED Display Module to be replaced.
- 2) Rotate each ¼-turn fastener counterclockwise ¼-turn and carefully remove module from sign panel.
- 3) Remove power and data connectors from module by squeezing the two locking tabs and pulling the connectors free.
- 4) Insert connectors into new replacement module until a click is heard.
- 5) Insert replacement module into sign panel
- 6) Push and rotate all six (6) ¼-turn captive fasteners clockwise until secure
- 7) Close and latch sign panel door.
- 8) Restart control console if necessary.

### GENERAL MAINTENANCE

For flooded batteries only, check battery fluid level once each month. Add distilled water if level is below indicating ring.

-  **Avoid contact with battery fluid at all times. Should contact occur, flush with water and seek medical attention immediately.**
-  **No smoking or open flames near battery compartment!**

Lubricate pivot points and jack screw shafts every 3 months. Use a quality grade of chain lube.

Check tire pressure during regular maintenance. Correct pressure is 26 psi (200 kPa).

Clean sign panels and solar panels periodically as required.

### CONTROL CONSOLE REPLACEMENT (P/N MB-22-915-V)

- 1) Raise control console into operating position.
- 2) Disconnect all AMP-CPC, Ethernet, USB, and DB-9 serial connectors from back of control console.
- 3) Rotate the controller slide locks located just underneath the small flat supports with two (2) rubber bumpers at the top of each track (normally covered by the control console lifting handles when controller is in a stored position) outwards to open slide tracks
- 4) Lift controller up and out of the slide tracks.

*Reinstall control console by reversing procedure.*