






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) On MegaTech controller touch "Log In" button.
- 5) If required, enter a valid password and touch "OK".
- 6) Turn beacons on by touching the "ON" button.
- 7) Beacons can be turned on automatically by creating a schedule in "Manange Schedules", and by touching the "Scheduled" button, if required.
- 8) Beacons can be turned off by touching the "OFF" button.
- 9) Touch the "Log Out" button when done, and return the controller to the stowed position.
- 10) Close, latch, and lock battery compartment cover.



MegaTech Controller

Transporting Checklist

- Blank the sign panel.
- 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.
- Secure all locking pins in appropriate positions.
- 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.



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 rubber bumpers at the top of each track (normally covered by the control console lifting handles when controller is in stored position) outwards to open slide tracks.
- 4) Lift controller up and out of the slide tracks.

Reinstall control console by reversing procedure.

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.

