

PREVENTATIVE MAINTENANCE GUIDE



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PREVENTATIVE MAINTENANCE SCHEDULE

DO NOT OPERATE UNIT UNTIL YOU HAVE READ AND UNDERSTAND ALL ITEMS OUTLINED IN OWNERS MANUAL

- Check and adjust tire pressure see label on tire for proper inflation
- Check hitch and coupler for proper safe operation
- Check wheel lug nuts to ensure they are tight
- Check lights for proper operation
- Check trailer brakes for proper operation
- Check all doors and covers are secured for transport
- Check and ensure screen is in transport position with all latches secured
- Make sure jack is in raised position for travel
- Make sure the screws attaching the speaker to the bracket are
- Make sure the bolts attaching the speaker brackets are tight

Every 2 months / 2000 miles

- Check Wheel Lug nuts for correct torque
- No cracks or stress fractures exist
- Check stabilizer and tongue jacks for proper operation and to ensure no cracks or stress fractures exist
- Check and lubricate all door and transport latches

Every 3 months / 10 operations of screen system

- Lubricate turntable system located under mast structure
- Check all screen bolts are tight and in working condition
- Check all hydraulic hoses for leaks and ensure they are in good working order
- Check and lubricate all doors, latches, cylinder pins, and mast slides
- Check wheel bearings for excess play. Correct as necessary.

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Every 12 months / 5,000 miles

- If equipped with spring axles lubricate axle hanger bolts
- Check all hydraulic hoses for leaks and ensure they are in good working order
- Check and lubricate all door cylinder pins and mast slides
- Inspect all moving parts for safe operation
- Repack and adjust wheel bearings
- Inspect brake linings and drums for wear and replace as needed
- Lubricate tongue and stabilizer jacks as needed

Units with POWMR Batteries

- Read and understand the PowMR User Manual
- When not in use, store it in a cool and dry environment
- If the battery shows signs of hearing, swelling, or unusual odors, DO NOT USE
- For long term storage, to ensure optimal battery performance, perform a charge-discharge cycle every three months and ensure a storage charge of 40-60%
- If the battery is left unused for more than 3 months, it needs manual charging periodically to prevent complete discharge

ALWAYS ABIDE BY ALL WARNING DECALS AFFIXED TO UNIT AND SHOWN IN OWNERS MANUAL

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LED Screen Start-up Instructions and Maintenance

When should these instructions be followed?

1. The start of the season coming out of the winter months
2. The area experience some severe weather
3. More than 6 weeks of the screen being turned off

**Follow these steps one month before first intended use.*



Step 1: Set Brightness

Locate the production rack



Inside the rack, find the processor and set the brightness to 10%



Step 2: Navigate Processor Settings

To change the brightness, push the round knob to pull up the main menu



The very first setting at the top should say Screen Brightness

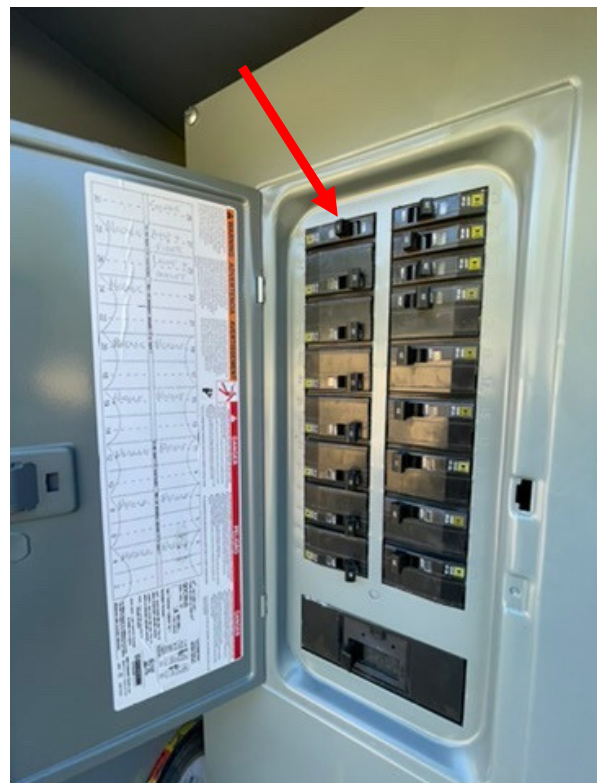


Step 3: Turn on Breakers

Locate the main switch for the breaker panel and turn on

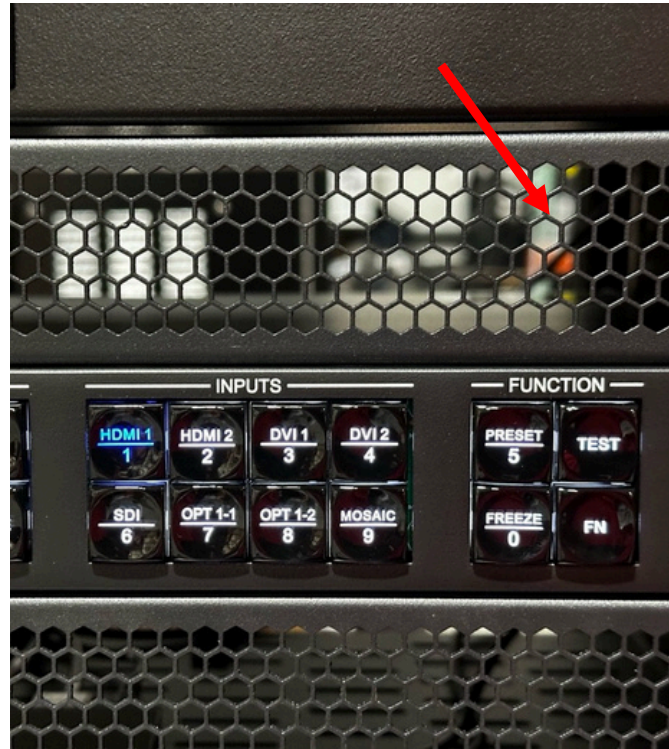


Turn on individual breakers for each circuit for the screen



Step 4: Test Pattern

Push the TEST button located on the front of the processor



Cycle through all the patterns until you reach the scrolling patterns



Step 5: Slowly Ramp up Brightness

Leave brightness at 10% with the scrolling test pattern on for 2 hours

Gradually increase the brightness on the processor every (1) hour (20%, 40%, 60%)

Finally, increase the brightness on the processor to 80% and leave for 6 hours



AV Rack Components Maintenance

Computer

- Keep Software up to date
- Update operating system
- Backup your data
- Remove unused apps and files
- Store in safe conditions

Amp

- Keep it clean from dirt dust and other debris
- Warm up and cool down – allow amp to warm up before playing and let it cool down before turning it off
- Start at low volume and work way up.
- Lower volume before turning off.

Mixer

- Cleaning and dust removal
- Checking connections - Inspect all input and output connections for signs of wear or damage

Processor

- Cleaning and dust removal
- Checking connections - Inspect all input and output connections for signs of wear or damage

Furman

- Clean – Use a damp cloth to clean the condition but avoid solvents and abrasive cleaners
- Check cords – Inspect the cords and cables at the plugs and where they exit the conditioner. Replace any damaged cords immediately
- Check for damage – Looks for signs of damage such as frayed, kinked, or cut power supply cords. Also check for liquid spills or exposure to moisture
- Check the indicator lights – If the Protection OK indication is off, the surge suppression circuit may be compromised.

- 1. Check coupler bolts**
 - a. Manufacturer recommends replacement every year.

- 2. Lubricate jacks**
 - a. Manufacturer recommends dry lube sprayed on jack leg and standard grease inserted into grease zerk at top of jack (if manual jack).

- 3. Inspect wheel bearings all axles**
 - a. Manufacturer recommends repacking wheel bearings every two years with high temp grease, and replacement of bearings every 5 years or as needed.

- 4. Inspect brakes all axles**
 - a. Manufacturer recommends this to be done every two years or if brake system appears weak.

- 5. Inspect tires for wear and inflation**

- 6. Lubricate mast turntable**
 - a. Manufacturer recommends lubrication every year. grease zerks located under trailer in center of turntable.

- 7. Charge and have battery tested**
 - a. Inspect all battery cables and ends for green oxidation. Clean as needed.
 - b. Inspect battery cables for abrasions. Replace as needed.

- 8. Check all hydraulic lines**
 - a. Inspect lines for cuts or wear spots, replace as needed/desired.

- 9. Check safety latches**
 - a. Manufacturer recommends this each time the unit is used. adjust or replace as needed.

- 10. Insure hydraulic fluid level is correct**

- 11. Check antifreeze and oil levels in generators**

- 12. Check trailer lights for proper operation**

- 13. Inspect safety chains and brake away system**

- 14. Check all door latches for proper operation and adjustment**

- 15. Inspect fuel cap**
 - a. Check that fuel cap is in working order and seals properly.