

Preventative Maintenance Checklist

Preventative Maintenance is to be carried out once per year for all LED Displays under service contract. The below list is a guideline for the Preventative Maintenance check. Each item must be checked, and any relevant notes or comments listed.

Please ensure you complete and return the checklist to LED-Support@sharp.eu within 48 hours following the Preventative Maintenance Service.

Site information	
End customer name:	Mercedes-Benz AG, Mercedesstraße 137, 70546 Stuttgart
Site location:	Flughafen Berlin Brandenburg, Melli-Beese Ring 1 225, 12529 Schönefeld
LED display model:	FE 038i2 Highres / Stripes Lowres /
Batch Number:	
Date of service:	24.06.2024
Service company name:	Sharp / NEC LED Solution Center

LED Display		
Action	Complete	Notes
Check for any visible issues. Resolve as necessary	<input checked="" type="checkbox"/>	
Apply test pattern on full red, green, blue and white. Identify any faults	<input checked="" type="checkbox"/>	
Replace any pixel cards with dead or non-functioning pixels (display should have zero pixel failures following PM check)	<input checked="" type="checkbox"/>	
Check power and data cables between cabinets for secure connections	<input checked="" type="checkbox"/>	
Inspect for damage and replace any damaged or broken cables	<input checked="" type="checkbox"/>	
Check Monitoring feature for any issues. Resolve as necessary	<input checked="" type="checkbox"/>	
Check brightness levels in configurator and note down levels	<input checked="" type="checkbox"/>	

Inspect for visible seams. Resolve where possible	<input checked="" type="checkbox"/>	
Check power redundancy in each cabinet. Resolve issues where necessary (FA series only)	<input type="checkbox"/>	
Check data redundancy in each cabinet. Resolve issues where necessary	<input checked="" type="checkbox"/>	
Carefully wipe clean the display with anti-static cloths	<input type="checkbox"/>	

Control Equipment		
Action	Complete	Notes
Check controllers are connected and cables seated correctly	<input checked="" type="checkbox"/>	
Check controller redundancy. Resolve issues where necessary (FA series only)	<input type="checkbox"/>	
Check brightness levels on each controller and note levels down	<input type="checkbox"/>	
Check fans on controllers are working	<input checked="" type="checkbox"/>	
Carefully wipe clean controllers	<input checked="" type="checkbox"/>	

Spare parts		
Action	Complete	Notes
Replace pixel cards in display with spare pixel cards (as long as there are zero failures on cards)*	<input checked="" type="checkbox"/>	
Complete full count and log of spare parts. Update Inventory Management Log	<input type="checkbox"/>	

*rotating spare parts ensures consistency of degradation and brightness loss over lifetime of display.

Notes
Please provide any other comments relating to equipment or issues.
<ul style="list-style-type: none"> - Cheking the random / unknown shutoff -> Temperatue too high in Serverroom. Room climatation was off. - Update data signal management with monitoring funktion for remote. Updating the Noval Firmware latest version.

Pictures

Please insert picture. prior to performing preventative maintenance

Please insert picture following preventative maintenance

Note: Where possible, please always include picture pre- and after PVM

Pictures
Additional relevant pictures
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Additional relevant pictures
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Parts record				
Part removed from display (description)	Part number	Serial number	Part used in display	Serial number

Sign off	
<input checked="" type="checkbox"/>	I confirm herewith that the LED Equipment has been maintained in-line with the expectations at the above site location and that the preventative maintenance work has been completed to satisfaction.
<input checked="" type="checkbox"/>	Where actions remain outstanding, the customer noted that these have been documented by the service team for follow-up as needed.

On-site engineer

Company: LSC Sharp NEC

Date and time: 24-Jun-2024, 00:00

Name:

Signature:

Customer representative

Company:

Date and time:

Name:

Signature: