








Sheet for first interventions

MP250 ZOOM

Power Supply








Step	Symptom	Action	Reference	Action type
1_a	The projector doesn't go on	Check the main power	1 Tav MP250Z-2	
2_a		Check the power cable		

The lamp doesn't go on





1_b		Check/replace the lamp		
2_b		Check cables		
4_b		Check / replace the ignitor	23 Tav MP250Z-1	
5_b		Thermic microswitch on	28Tav MP250Z-1	
6_b		Check the inductance	5 Tav MP250Z-2	

ELECTRONIC BOARD





The Display isn't on


1_c	Red Led off (D19)	Check the fuse F1&F3 = 3.15 A T	F1 TR MP250	
2_c		Voltage pin (3-4) pin (5-6) = 24 Vdc	J19 MP250ZOOM_CPU	
3_c		Check / replace component	U23 MP250ZOOM_CPU	
4_c		Check inductance	L1 e L2	
5_c		Check/ replace bridge	D22-D23 MP250ZOOM_CPU	
1_d	Red Led on (D19)	Replace Microprocessor	U2 MP250ZOOM_CPU	
2_d		Replace the main board	04B352	

The Display is on

1_e	incomprehensible numbers	Check point (1_d) (2_d)		
2_e	The motors aren't moving	Check the fuse F1&F3 = 3.15 A T	F1 TR MP250	
3_e		Voltage pin (3-4) pin (5-6) = 24 Vdc	J19 MP250ZOOM_CPU	
4_e		Check/ replace bridge	D22-D23 MP250ZOOM_CPU	









The projectors isn't controllable

1_f	DMX led isn't flashing	Check if the yellow led D20 is on	F3 MP250ZOOM_CPU	
2_f		Check the internal connection between	3 Tav MP250Z-2	
		DMX IN/OUT (2) and JP20 on board	MP250ZOOM_CPU	
3_f		Replace ISO1 e/o U24 on the board	MP250ZOOM_CPU	
4_f	DMX led is flashing	Check the projector addressing	p 9 manuale	

5_f		Replace electronic board	MP250ZOOM_CPU	
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MOTORS and WHEELS

Problems on motors and optic sensor

1_g	PAN is loosing the position	Check/replace motor 13	Tav MP250-2	
		Replace U17 & U18	MP250ZOOM_CPU	
		Ceck R109-R110-R111=-1 ohm	MP250ZOOM_CPU	
		Ceck R114-R115-R116=-1 ohm	MP250ZOOM_CPU	
2_g	TILT is loosing the position	Check/replace motor 18	Tav MP250-2	
		Replace U19 & U20	MP250ZOOM_CPU	
		Ceck R119-R120-R121=-1 ohm	MP250ZOOM_CPU	
		Ceck R124-R125-R126=-1 ohm	MP250ZOOM_CPU	
3_g	The shutter/strobe is loosing posit.	Check/replace motor 10 E/O 11	Tav MP250Z-1	
		Replace U13	MP250ZOOM_CPU	
		check R52-R53=-0,7 R54-R55=-0,7	MP250ZOOM_CPU	
4_g	The GOBOS is loosing the position	Check/replace motor 15	Tav MP250Z-1	
		Replace U11	MP250ZOOM_CPU	
		Ceck R45= 1 R47=1	MP250ZOOM_CPU	
5_g	The GOBOSdoesn't make the reset	Clean the border of the wheel15	Tav MP250Z-1	<input data-bbox="1310 943 1406 972" type="text" value="clean"/>
		Check sensor ref 18	Tav MP250Z-1	
		Replace Q 5 on the board	MP250ZOOM_CPU	
6_g	The color wheel is loosing position	Check/replace motor 20	Tav MP250Z-1	
		Replace U10	MP250ZOOM_CPU	
		check R37-R38=-1ohm	MP250ZOOM_CPU	
7_g	The color doesn't make the reset	Clean the border of the wheel 12	Tav MP250Z-1	<input data-bbox="1310 1211 1406 1240" type="text" value="clean"/>
		Check sensor ref 17	Tav MP250Z-1	
		Replace Q4 on the board	MP250ZOOM_CPU	
8_g	The rotat gobos is loosing position	Check/replace motor 25	Tav MP250Z-1	
		Replace U8	MP250ZOOM_CPU	
		Ceck R29= ~1 R30=-1	MP250ZOOM_CPU	
9_g	The rotat gobos doesn't make reset	Clean the border of the wheel 19	Tav MP250Z-1	
		Check sensor ref 19	MP250ZOOM_CPU	
		Replace Q3 on the board	TR-1200	