



PRODUCT MODEL NAME: Plasmon 1800 Series Libraries

DATE: 7/24/2000

PTI#: 1800-03

Plasmon 1800 Libraries Preventative Maintenance Manual Addendum

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Problem Description: Manual Addendum to Page 2-5 Section 2.1.8 Maintenance. Plasmon is recommending that the Service Providers Perform 2 P.M.'s per year under normal usage and environmental conditions on the 1800 Series Library.

Serial Numbers Affected: Serial Number 2000 and Above

Solution: Perform the Plasmon 1800 Library Audit and Preventative Maintenance form.

Part Warranty: Not Applicable



Plasmon 1800 Audit/Preventative Maintenance Check Sheet

The following checksheet is created for service providers use to check the mechanical and operational function of the 1800 jukebox.

Date: _____

Customer Name: _____

Customer Contact Name & Phone Number: _____

Service Organization: _____ **Inspection Performed By:** _____

Jukebox Model : _____ **Serial Number:** _____

Firmware Level of Controller: _____

SCSI Option Installed: YES NO (circle one) 186 SCSI Box 386 SCSI Box (circle one)
Number of Drives: 1 2 3 4 5 (circle one)

Drive Information:

Drive Model Number: _____

Drive 1 Serial Number: _____ **Firmware Level:** _____

Drive 2 Serial Number: _____ **Firmware Level:** _____

Drive 3 Serial Number: _____ **Firmware Level:** _____

Drive 4 Serial Number: _____ **Firmware Level:** _____

Drive 5 Serial Number: _____ **Firmware Level:** _____

Exchange Counter: _____

Table 1: Voltage Checks

Voltage Check	Check Point	Tolerance	Adjust At / Notes	Service Manual Pages
+5V	Controller	+/- 0.1 V	R21 5 volt P.S.	6.1.1
+12V	Controller	+/- 1.4 V	No Adjustment	6.1.3
-12V	Controller	+/- 1.4 V	No Adjustment	6.1.3
+24.4	Controller	+/- 0.1 V	24 Volt P.S. pot lower right corner	6.1.2

Table 2: Visual Checks

Items to Check	Circle Status		Location	Notes	Service Manual Page
	Good	Bad			
1. Check for Bent flags	Good	Bad			4.1.3
2. Check linear bearing (noisy, grindy when moved)	Good	Bad	Upper Xfeed	Replace in pairs	5.20
	Good	Bad	Lower Xfeed		
3. Check for grooved dirty or Marred Shafts	Good	Bad	Upper Front Xfeed	Replace the Shafts if Grooved	5.19
	Good	Bad	Lower Front Xfeed		
	Good	Bad	Upper Rear Xfeed		
	Good	Bad	Lower Rear Xfeed		
4. Check reduction belt for wear	Good	Bad	Upper Xfeed	Missing teeth/cracks	5.11
	Good	Bad	Lower Xfeed		
5. Check xfeed belt for wear	Good	Bad	Upper Xfeed	Missing teeth/cracks	5.5
	Good	Bad	Lower Xfeed		
6. Check sensors via bit mode	Good	Bad			8.1.3
7. Harness tywraps in place	Good	Bad			Visual

Table 2: Visual Checks

Items to Check	Circle Status		Location	Notes	Service Manual Page
	Good	Bad			
8. Carriage brake tight when pulling on counter weights (brake not released)	Good	Bad			4.1.2
9. Check clearpath for bent brackets	Good	Bad			
10. Check flip structure for play left to right	Good	Bad			
11. Run Mailbox	Good	Bad			
12. Mailbox LEDs change states	Good	Bad			
13. Inspect Door Hinges & Latches	Good	Bad			
14. Inspect V-Housing Bearings and CAM Follower Bearing	Good	Bad			
15. Carriage Rock Front to Rear	Good	Bad			
16. Carriage Rock Cross Member Top to Bottom	Good	Bad			
17. Is Jukebox Clean Cross feed Shafts, Bottom of jukebox,	Good	Bad			

Has Jukebox every been reconditioned: YES NO (circle one) Date:

Write in recommendations for jukebox below:
