

# Yamaha Lpx-500 Service Manual & Repair Guide

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Is your Yamaha LPX-500 Projector letting you down? Why replace or spend lots of money on repairs while you can do it yourself?! This service and repair manual is used by the Official Certified Yamaha Technicians. It will help you to troubleshoot and repair your Projector! Contents: Chapter 1 Product General 1.1. PART NAME 1.1.1. Outside 1.1.2. Internal components 1.1.3. Remote control 1.2. SPECIFICATIONS 1.3. INTERFACE SPECIFICATIONS 1.3.1. TRIGGER OUT Interface 1.3.2. RS-232C Interface 1.3.3. D4 VIDEO Interface 1.3.4. RGB/YBPBR/YCBCR (INPUT B) Interface 1.3.5. DVI Interface 1.3.6. S VIDEO Interface 1.3.7. G/Y B/PB/CB R/PR/CR SYNC (INPUT A) Interface 1.4. DIMENSIONS Chapter 2 Theory OF Operation 2.1. OVERVIEW OF HARDWARE 2.1.1. Circuit System Component Connection Diagram 2.1.2. Connector/Pin Layout 2.1.3. Circuit Block 2.1.4. Optical Engine 2.2. POWER SUPPLY UNIT 2.3. BALLAST UNIT 2.4. MA BOARD 2.5. CONTROL PANEL 2.6. IF BOARD 2.7. RC RECEIVER SENSORS 2.8. TEMPERATURE CONTROL 2.8.1. Sensors and Switches 2.8.2. FAN OPERATION 2.8.3. LED INDICATORS Chapter 3 Troubleshooting 3.1. BEFORE CARRYING OUT TROUBLESHOOTING 3.1.1. Troubleshooting Tools and Equipment 3.1.2. Field Replacement Parts 3.2. ENTRY 3.2.1. External Checking 3.2.2. Internal Cable Check 3.2.3. Power Supply ON/OFF 3.2.4. Display input/output and image quality 3.2.5. Control panel 3.2.6. Remote control operation 3.2.7. Other Chapter 4 Disassembly & Assembly 4.1. DISASSEMBLY AND ASSEMBLY 4.2. PROJECTOR DISASSEMBLY AND ASSEMBLY 4.2.1. Lamp Inner Unit 4.2.2. Upper Case Unit 4.2.3. IF Panel Unit 4.2.4. MA Board Unit 4.2.5. MA Fixing Plate LF 4.2.6. RC Receiver Unit 4.2.7. Optical Engine 4.2.8. Intake Duct Unit 4.2.9. Intake Fans 4.2.10. Lamp Cover Detection Switch 4.2.11. Exhaust Fan Unit 4.2.12. Exhaust Fan and LAMP Thermistor 4.2.13. Ballast Unit and Power Supply Unit 4.2.14. IF Board Unit 4.2.15. Power Supply Unit 4.2.16. IF Board Assembly and IF Fixing Plate 4.2.17. Air Filter Chapter 5 Parts List 5.1. EXPLODED VIEW 5.2. MECHANICAL PARTS Chapter 6 Other 6.1. REMOTE CONTROL TRANSMITTER 6.2. OPTICAL ENGINE UNIT PACKAGE DIAGRAM 6.2.1. Optical engine packing material 6.3. PACKING THE OPTICAL ENGINE UNIT 6.3.1. Preparation before packing 6.3.2. Packing procedure This service manual is very detailed and illustrated with pictures and step-by- step instructions on how to

repair/service this device the best way there is! You can easily print this manual from any printer and any computer! Please note this is the OFFICIAL and COMPLETE service manual in PDF format, no scanned-in or bootlegged copy. This manual is made in the highest resolution, so when you print the pages you need it is all in great quality! \*\*\*INSTANT DOWNLOAD\*\*\* After your payment, you will have instant access to your download. No shipping fee, no waiting on postal delivery, you can start doing your repairs right away! Specifications Language: English Format: PDF Pages: 80 Platform: Windows and MAC Looking for a service manual but cant find it anywhere? Please contact us with your request! As you can see we've got one of the largest service manual databases out there, so a good change we can help you out!

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