

ADDITIONAL

 PIONEER®

Service Manual

STEREO TURNTABLE

PL-L1000A

HET
HBT

- The basic performance of the PL-L1000A/HET,HBT types is the same as the PL-L1000A/S/G type. Please refer to the PL-L1000A/S/G type service manual with the exception of this supplements.

1. SPECIFICATIONS

Motor and Turntable

Drive System	Direct-drive
Motor	Quartz PLL Hall motor
Turntable Platter	310mm diam. aluminum alloy die-cast
Inertial Mass	330kg-cm ² (including platter mat mass)
Speeds	33-1/3 and 45rpm
Wow and Flutter	Less than *0.012% (WRMS) 0.023% (WRMS) 0.035% (DIN)

Values marked with an "*" designate the wow and flutter for motor, and do not include the cartridge or tonearm load.

Signal-to-Noise Ratio	More than 78dB (DIN-B) (with Pioneer cartridge model PC-4MC)
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Rotational Characteristics

Build-up Time	within 180° rotation at 33-1/3rpm
Speed Deviation	Less than 0.002%
Speed vs. Load Characteristics	Stable up to 200 grams drag load
Speed Drift	Less than 0.00008%/h at 33-1/3rpm Less than 0.00003%/degree temp. change at 33-1/3rpm

Tonearm

Type	Linear Motor Direct-drive Static-balance type, Linear-tracking arm
Effective Arm Length	190mm
Overhang	0mm
Usable Cartridge Weight (including headshell weight)	6g (min.) to 32g (max.)
Arm Height Adjust Range	±3mm
Headshell weight	10.5g

Subfunctions

Auto lead-in
Auto-return
Auto cut
Quick repeat
Quick play
Quick stop
Stylus pressure direct-readout counterweight
Arm height adjusting device
Cueing device
Free stop hinges

Miscellaneous

Power Requirements	AC220/240V ~ (switchable) 50, 60Hz
Power Consumption	35W
Dimensions	494(W) x 154(H) x 456(D)mm 19-7/16(W) x 6-1/16(H) x 17-15/16(D) in.
Weight	13.5kg/29 lb 13 oz
Accessories	
EP Adapter	1
Screwdriver	1
Sub-weight	1
Overhang gauge	1
Level	1
Cleaning cloth	1
Operating instructions	1

NOTE:

Specifications and design subject to possible modification without notice, due to improvements.

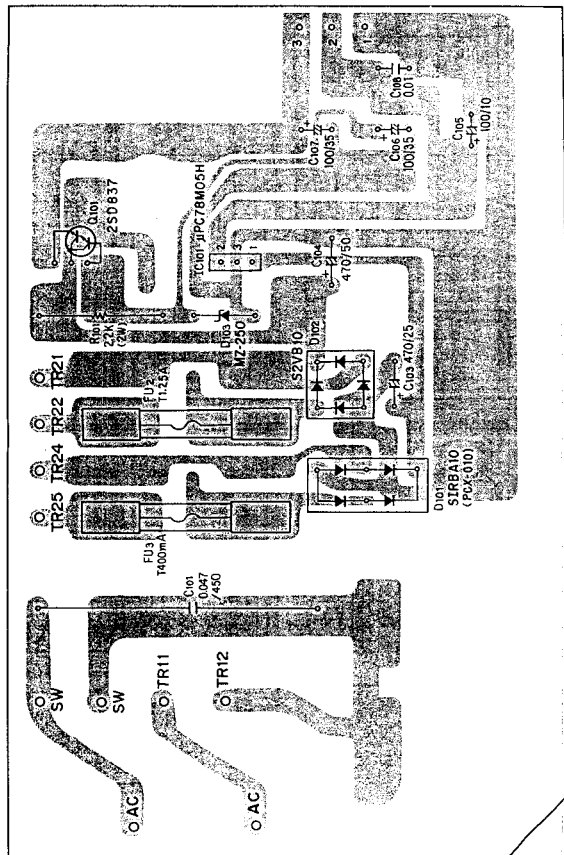
2. CONTRAST OF MISCELLANEOUS PARTS

NOTES:

- Parts without part number cannot be supplied.
 - The  mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 - For your Parts Stock Control, the fast moving items are indicated with the marks ★★ and ★.
- ★★ **GENERALLY MOVES FASTER THAN ★**
 This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.

Mark	Symbol & Description	Part No.			Remarks
		S/G	HET	HBT	
 ★★	Microswitch	PSF-008	PSF-012	PSF-012	
	Cartridge assembly	PPB-935	....	....	
 ★	Power transformer (220V,240V)	....	PTT-129	PTT-129	
 ★	Power transformer (110V,120V,220V,240V)	PTT-135	....	....	
	Power cord	PDG-035	PDG-032	PEC-031	
	Power supply assembly	PWR-067	PWR-065	PDG-065	
	Strain releif (Power cord)	E32-056	PEC-501	PWR-051	
 ★★	Line voltage selector	PSB-007	PSB-002	PEC-002	
	Packing case	PHG-469	PHG-437	PSB-437	
	Operating instructions	PRB-187	PRD-062	PNV-187	
	Cartridge mounting screw (W)	PBA-909	....	....	
	Insulator spacer	....	PEC-052	PEC-052	
	Dust cover	PNV-042	PNV-041	PNV-041	
	Protector	....	PHN-008	PHN-008	
	Protector	....	PHN-009	PHN-009	

4. POWER SUPPLY ASSEMBLY(PWR-065)



- NOTES:
- Parts without part number cannot be supplied.
 - The Δ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
 - For your Parts Stock Control, the fast moving items are indicated with the marks *** and *.
 - ** GENERALLY MOVES FASTER THAN *
 - This classification shall be adjusted by each distributor because it depends on model number, temperature, humidity, etc.

Parts List

Power Supply Assembly (PWR-065)

CAPACITORS

Mark	Part No.	Symbol & Description
Δ	PCL-024	C101
	CEA 471M 25L	C103
	CEA 471M 50L	C104
	CEA 101M 10L	C105
	CEA 101M 35L	C106,C109
	CKDYF 103Z 50	C108

FUSES

Mark	Part No.	Symbol & Description
Δ ***	PEK-005	FU2 T400mA
Δ ***	PEK-036	FU3 T1.25A

RESISTOR AND SEMICONDUCTORS

Mark	Part No.	Symbol & Description
	RS2PF222J	R101
**	μ PC78M05H	IC101
**	2SD837	Q101
**	PCX-010	D101
*	S2VB10	D102
*	MZ-250	D103
	(WZ-250)	

OTHERS

Mark	Part No.	Symbol & Description
	PDE-106	Connector assembly
	PNM-013	Spacer
	PNX-015	Spacer
	PBA-089	Screw
	PAZ30P060FMC	Screw