

# *Service Manual*

**STEREO TURNTABLE**

**PL-25/F**

## 1. SPECIFICATIONS

Drive system	Idler drive system
Drive motor	4-pole synchronus motor
Speed	Two speeds; 33-1/3 and 45 rpm
Turntable	12" aluminum die-casting, 2.2 lbs. in weight
Wow & flutter	Less than 0.12 %
S/N	More than 40 dB
Arm	Static-balance type tone arm
Tracking error	$\pm 1.5^\circ$
Cartridge	PC-10, moving magnet type
Stylus	PN-10, 0.6 mil, diamond
Stylus pressure	2.5 to 3.5 grams
Frequency response	20 Hz to 20 kHz
Output voltage	5 mV (at 1000 Hz, 50 mm/s)
Output balance	Less than 2 dB
Separation	More than 20 dB (at 1000 Hz)
Line voltage	110 ~ 130/220 ~ 240 V (switchable) AC; 50Hz/ 60Hz, 21 VA
Weight	7.6 kg (16 lbs. 12 oz)
Dimensions	17 5/16" (W) x 13 13/16" (D) x 6 1/2" (H), 440 mm(W) x 350 mm(D) x 165 mm(H)

Specifications and the design are subject to modification without notice because of improvements.

## 2. PARTS LIST

KEY NO.	DESCRIPTION	PART NO.
1	Main panel	M11-657-0
2	Auto-return mechanism ass'y	W72-783-0
3	Shaft	N54-614-0
4	Speed selector cam	N24-603-A
5	Idler plate (B)	W72-789-A
6	Spring	B31-616-0
7	Spring catch	N62-610-0
8	Idler plate (A)	W72-788-0
9	Washer (A)	B22-604-0
10	Washer (B)	B22-605-0
11	Washer (C)	B22-606-0
12	Idler ass'y	N27-609-B
13	Spring	B31-617-0
14	Bracket	M44-635-0
15	Insulator	M98-613-0
16	Microswitch	S21-610-0
17	Microswitch spring	B32-667-0
18	Motor panel ass'y	N63-631-0
19	Motor	N11-611-A
20	Anti-vibration rubber	E31-605-A
21	Spacing post	M46-612-A
22	Tray type washer	N61-639-0
23	Oil cap	N93-640-0
24	Center shaft bearing	N23-601-B
25	Washer (F)	B22-614-0
26	Nut	B71-603-0
27	Center shaft	N22-602-C
28	Nameplate	A45-635-0
29	Speed selector lever	N93-659-0
30	Washer (P)	B22-607-0

31	Speed selector stand	W73-677-0
32	Speed selector nameplate	A45-603-0
33	Slide switch	S41-609-A
34	Power nameplate	A42-607-0
35	Plate	M46-687-0
36	Capacitor 0.05 $\mu$ F 1,000WV	K13-761-0
37	Terminal strip lug-type 1L5P	N51-619-A
38	Stopper	N51-625-0
39	Cut knob	N51-626-0
40	Spacing post	N51-626-0
41	Spacing post (C)	M46-614-A
42	Cut lever (B)	N61-651-A
43	Spring	B31-622-0
44	Pole	N54-626-B
45	Cut lever (A) unit	W71-617-A
46	Shaft	N54-625-0
47	Fixed lever	N61-645-A
48	Screw	B11-603-0
49	Shaft	N54-623-A
50	Idler off lever	N61-652-0
51	Spacing post (E)	M46-616-A
52	Washer (N)	B23-613-0
53	Spring	B31-617-0
54	Spring catch lug	N61-656-0
55	Gear ass'y	W71-735-A
56	Crank lever	N61-634-0
57	Cam plate ass'y	W72-610-0
58	Washer	B21-601-0
59	Washer	N51-615-0
60	Lever ass'y	W71-618-0

KEY NO.	DESCRIPTION	PART NO.
61	Spring	B31-623-0
62	Shaft	N54-628-0
63	Lever	N61-655-A
64	Auto-lever	N61-647-A
65	Spacing post	M46-615-0
66	Washer (H)	B22-610-0
67	Tonearm ass'y	P22-608-C
68	Elevator plate	N64-647-0
69	Elevator shaft	N51-624-A
70	Tonearm base	N93-709-C
71	Washer (M)	B22-612-0
72	Spring	B31-645-A
73	Screw	B11-646-0
74	Shaft nylon	N92-602-0
75	Arm rest	P23-611-A
76	Arm rest stand	P23-612-0
77	Elevator ass'y	W71-741-B
78	Elevator nameplate	A45-670-B
79	Elevator knob	N54-819-0
80	PU linking plate ass'y	W71-607-F
81	Spring	B31-621-0
82	Adaptor catch	N51-620-A
83	Terminal strip lug-type 1L4P	
84	Capstan 50Hz	N24-641-A
	Capstan 60Hz	N24-640-A
85	Washer (G)	B22-607-0
86	Plate	M44-621-B
87	Rubber grommet	N93-679-0
88	Power cable	D54-003-C
89	Output cable cramp	M16-606-0
90	Output cable	D54-613-B

91	Nut M3	
92	Spring washer 3 φ	
93	Flat washer 3 φ	
94	Retaining washer E-type (E-3.1)	
95	⊕ M3 x 6 Machine screw	
96	⊕ M4 x 6 Machine screw	
97	Spring washer 4 φ	
98	⊕ M2 x 6 Machine screw	
99	⊕ M2.6 x 4 Machine screw	
100	⊕ M2.6 x 8 Machine screw	
101	⊕ M3 x 5 Machine screw	
102	⊕ M3 x 10 Machine screw	
103	⊕ M4 x 10 Machine screw	
104	Nut M2.6	
105	Nut M4	
106	Spring washer	
107	Retaining washer E-type (E-3.8)	
108	Steel ball 1/8"	
109	⊕ M3 x 15 Machine screw	
110	Retaining washer E-type (E-4.5)	
111	Retaining washer E-type (E-5)	
112	Steel ball 5/32"	
113	⊕ M4 x 28 Machine screw	
131	Retaining washer E-type (E-2)	
132	Washer (D)	B22-615-0
133	Washer	B23-605-0
134	Plate (A)	N61-643-C
135	Washer	B23-606-0
136	Plate (B)	N61-644-C
137	Gear (B) ass'y	W71-606-0

KEY NO.	DESCRIPTION	PART NO.
141	Carton	H53-627-B
142	Packing	H53-627-B
143	Carton (A)	H52-623-B
144	PL-25/F	H51-601-A
145	Packing	
146	Wooden base cover bag	H56-603-0
147	Dust cover	
148	Dust cover bag 700(W) x 600(D) x 0.05(t)mm	
149	Carton (B)	H52-623-B
150	Turntable platter cover bag 345(W) x 345(D) x 0.05(t)mm	
151	Rubbermat ring	A61-602-0
152	Rubber mat	E31-606-B
153	Turntable platter	N21-614-0
154	EP adaptor	N93-641-0
155	Mainweight	
156	Cartridge PC-10	P21-603-A
157	Lubricator	N93-644-0
158	Screwdriver	P25-607-0
159	Capstan 50Hz	N24-641-A
160	Capstan 60Hz Stylus pressure gauge	N24-640-A P25-609-0
161	Miscellaneous cover bag 100(W) x 150(D) x 0.05(t)mm	
171	Wooden base	M64-613-F
172	Hinge (A)	M62-601-C
173	⊕ M2.7 x 10 Wood screw	
174	Bracket	
175	⊕ M3.1 φ x 10 Wood screw	

176	Bottom cover	M64-613-F
177	⊕ M3.5 φ x 15 Wood screw	
178	Rubber foot	H61-601-0
179	⊕ M3.1 φ x 12 Wood screw	
180	⊕ M5 φ x 20 Machine screw	
181	Spring washer 5 φ	
182	Flat washer 5 φ	
183	⊕ M5 φ x 25 Machine screw	
184	Hinge (B)	M62-601-C
185	⊕ M3 φ x 20 Machine screw	
186	Flat washer 3 φ	
187	PL-25/F	
188	Dust cover	M63-612-0
189	Screw	M62-602-0
190	Hinge (C)	M62-601-C
191	Nut	M62-603-0













