KENWOOD

KP-3021A
(KP-3022F)KP-3022

KP-3021A

KP-3022(KP-3022F)

SPECIFICATIONS

DRIVE: Belt Drive System
MOTOR: Semi-synchronous motor
TURNTABLE: 12 inch (30 cm) Solid die-cast aluminum alloy type
SPEED: Two Speed, 33-1/3 and 45 rpm
WOW & FLUTTER: Less than 0.08 %
SIGNAL TO NOISE RATIO: More than 45 dB
TONE ARM: Static Balanced Pipe Arm, 4-terminal plug-in type, Lateral Balancer
TRACKING ERROR: ±1.5 degrees
STYLUS PRESSURE VARIABLE RANGE: 0 to 4 grams
CARTRIDGE: Moving Magnet type
FREQUENCY RESPONSE: 20 ~ 20,000 Hz
OUTPUT BALANCE: within ± 1 dB
CHANNEL SEPARATION: More than 25 dB at 1,000 Hz
IMPEDANCE: 5 kΩ
OUTPUT VOLTAGE: 5 mV (1,000 Hz, 5 cm/sec.)
LOAD IMPEDANCE: 50 kΩ
RECOMMENDED STYLUS PRESSURE: 3 ± 0.5 grams
STYLUS: 0.7 mil Diamond Stylus
COMPLIANCE: 7 x 10^{-6} cm/dyne
REPLACEMENT STYLUS: Type N-34
SPECIAL MECHANISM:
Auto-in-Auto-cut, Auto-repeat, disc size selector manual-in system, 24 pole synchronous gear motor for arm drive, Elevation Lever.
SUPPLIED ACCESSORIES: EP Adaptor, Motor oil
POWER REQUIREMENTS: AC 100 - 120V/220-240V 50/60 Hz
POWER CONSUMPTION: 60 Hz 14W, 50 Hz 15.5W
DIMENSIONS: H7" (175) x W 18-1/8" (460) x D16-1/8" (410) mm
WEIGHT: 14.3 lbs.

SPECIFICATIONS

DRIVE:	Belt Drive System
MOTOR:	4 pole Synchronous Motor
TURNTABLE:	12 inch (30 cm) Solid die-cast aluminum alloy type
SPEED:	Two speeds, 33-1/3, and 45 rpm
WOW-FLUTTER:	Less than 0.08% (WRMS)
SIGNAL TO NOISE RATIO:	More than 48 dB
TONEARM:	Static Balance Type, Tapered pipe arm Slide-locked EIA plug-in connector Direct-reading stylus force
TRACKING ERROR:	±1.5 degree
STYLUS FORCE VARIABLE RANGE:	0 to 4 grams
CARTRIDGE:	
Type:	Moving magnet type
Frequency Response:	20 Hz ~ 20,000 Hz
Channel Separation:	More than 25 dB (1,000 Hz)
OUTPUT:	5 mV (1,000 Hz, 50 mm/sec)
OUTPUT BALANCE:	Less than 2.5 dB (1,000 Hz, 50 mm/sec)
LOAD IMPEDANCE:	50 k ohms
STYLUS FORCE:	2 ±0.25 grams
STYLUS:	0.6 mil Diamond Stylus
COMPLIANCE:	7 x 10^{-6} cm/dyne
REPLACEMENT STYLUS:	Tyep N-39
SPECIAL MECHANISM:	Auto-in, Auto-cut, Auto-repeat, Auto-return, Disc size selector, Manual-in, Pause elevation, Anti-skating, Panel floating, Head shell stand, Pilot lamp for stylus adjust, 24 pole Synchronous timing for tonearm drive.
SUPPLIED ACCESSORIES:	EP Adaptor Motor lubricating oil Low capacity audio cord with PIN plug
POWER REQUIREMENT:	AC 110 ~ 120V/220 ~240 V, 50/60 Hz or AC 117V, 50/60 Hz
POWER CONSUMPTION:	15.5 W, 50/60 Hz
DIMENSIONS:	W 17-5/8" (448 mm), H 6-13/6" (173 mm), D 14-21/32" (374 mm)
WEIGHT:	19.2 lbs (8.7 kg)

V-42 SPECIFICATIONS

Type:	Moving magnet
Output voltage:	1.2mV~2.4mV at 1kHz
Frequency response:	20Hz~40 kHz
Channel balance:	Less than 2.5dB at 1kHz
Channel separation:	More than 18dB at 1kHz
Impedance:	2.45k-ohm at 1kHz
Suitable stylus force:	1.7~2.3g
D.C. resistance:	470 ohm
Compliance:	5~8/10 cm/dyne
Optimum load	47k-ohm
Replacement stylus:	N-42 (Parabolic)
Weight:	6~7 g

* This is a factory's specifications.

KENWOOD

STEREO RECORD PLAYER

(KP-3022F) KP-3022

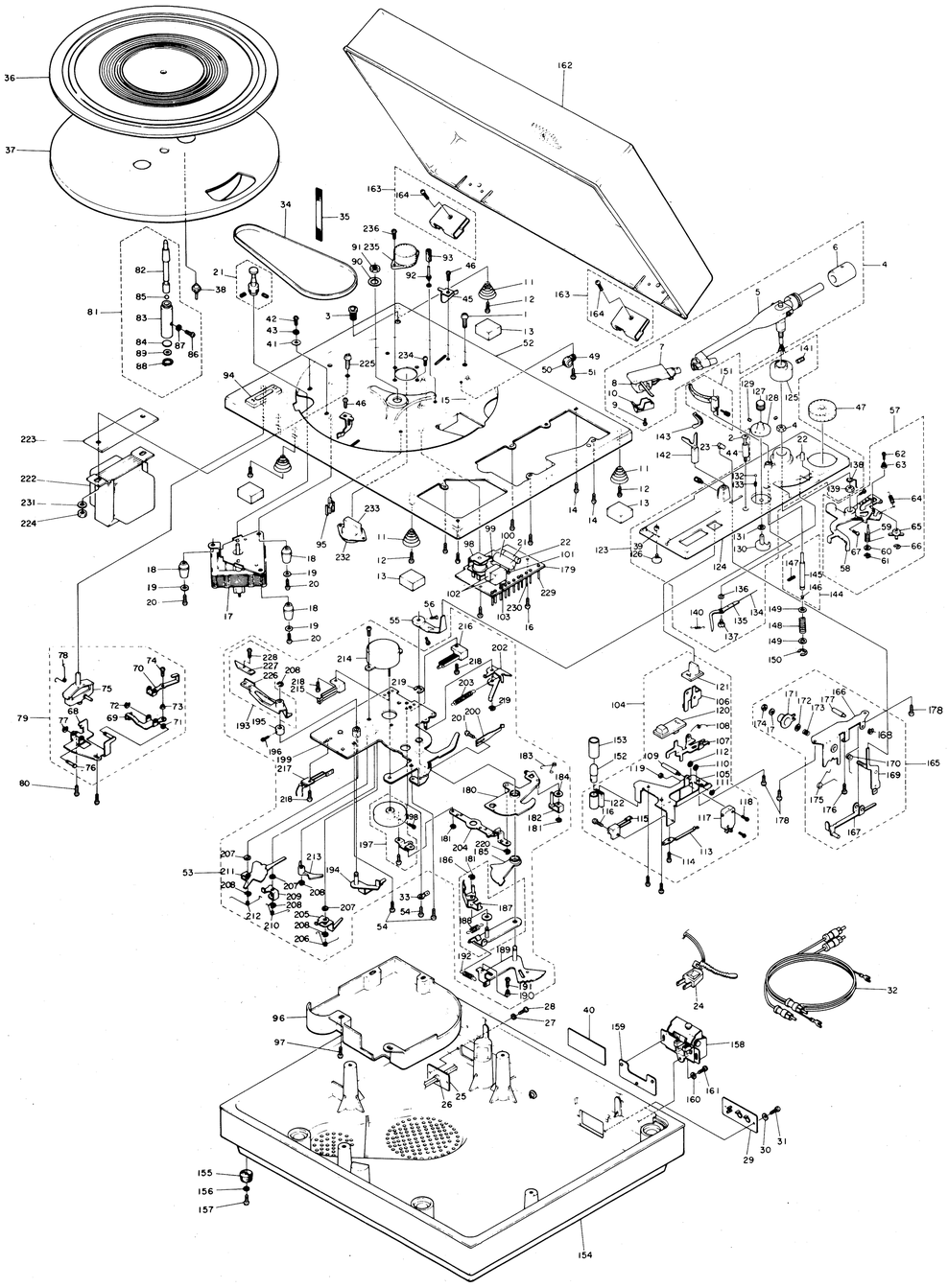

Fig. No.	Parts No.	Description	Remarks
1	N09-0097-00	Special screw x 3	
2	N09-0149-04	Screw	
3	J09-0079-14	Shell stand	
4	PARTS LIST	Pickup ass'y	
5	PARTS LIST	Tonearm	
6	D91-0027-09	Main weight	
7	J92-0012-09	Shell	
8	PARTS LIST	Cartridge	
9	N09-0131-09	Mounting screw x 2	
10	PARTS LIST	Stylus cover	
11	G01-0225-24	Conical spring for floating x 4	
12	N84-4006-41	Tap tight screw x 4	
13	G11-0028-04	Cushion x 4	
14	N84-3006-41	Tap tight screw x 6	
15	J32-0178-04	Stud x 3	
16	N84-3006-41	Tap tight screw x 3	
17	T41-0090-15	Motor ass'y	
18	G13-0069-04	Rubber cushion x 3	
19	N19-0186-14	Washer x 3	
20	N84-3006-41	Tap tight screw x 3	
21	PARTS LIST	Motor pulley (B)	
22	K29-0147-04	Selector knob	
23	K29-0148-04	Pause knob	
24	PARTS LIST	Power cord	
25	PARTS LIST	Cord stopper	
26	PARTS LIST	Cord bushing	
27	—	—	
28	N30-3008-11	Pan head screw x 2	
29	E29-0039-05	Terminal board	
30	—	—	
31	N87-3010-41	Tap tight screw x 2	
32	E30-0190-05	Audio cord	
33	E23-0016-04	Lug type terminal strips	
34	D16-0037-13	Drive belt	
35	J69-0019-04	Tape	
36	G16-0047-02	Turntable sheet	
37	D02-0011-15	Turntable	
38	D19-0031-04	Trip pin	
39	PARTS LIST	Dress panel name plate	
40	PARTS LIST	Name plate	
41	B59-0020-04	Cramp indication card x 2	
42	N09-0097-00	Special screw x 2	
43	N15-1040-11	Washer x 2	
44	J31-0101-04	Collar	
45	J21-0715-14	L shaped hardware	
46	N84-4006-41	Tap tight screw x 2	
47	W01-0057-04	EP adaptor	
48	—	—	
49	J21-0511-04	Lead holder	
50	212-6505-05	Insulating tube	
51	N84-3006-41	Tap tight screw	
52	A20-0615-11	Panel	
53	D40-0108-32	Automatic mechanism ass'y	
54	N84-4006-41	Tap tight screw x 3	
55	D10-0116-14	Select lever ass'y	
56	N30-3008-11	Pan head screw x 2	
57	D11-0166-04	Position arm ass'y	
58	D11-0167-04	Position arm calked ass'y	
59	G02-0048-04	Cross cam spring	
60	N19-0082-00	Washer	

Fig. No.	Parts No.	Description	Remarks
61	N24-3030-60	E washer	
62	N09-0094-04	Adjusting screw	
63	G01-0135-04	Conical spring	
64	G01-0141-04	Tension spring (B)	
65	D12-0054-04	Cross cam	
66	N29-3020-60	E washer	
67	N30-3006-11	Pan head screw	
68	A11-0051-14	Speed selector calked ass'y	
69	D11-0169-14	Belt guide arm (A)	
70	D11-0170-04	Belt guide arm (B)	
71	N19-0025-04	Insulating washer	
72	N24-3030-60	E washer	
73	G01-0154-04	Conical spring	
74	N30-3010-11	Pan head screw	
75	D12-0067-14	Speed selector cam	
76	D21-0303-04	Speed selector shaft	
77	N24-3020-60	E washer	
78	G01-0217-14	Torsion spring	
79	D40-0154-23	Speed selector ass'y	
80	N84-3006-41	Tap tight screw	
81	D23-0071-44	Turntable shaft ass'y	
82	D21-0151-14	Turntable shaft	
83	D23-0070-54	Turntable bearing	
84	J09-0044-04	Thrust washer	
85	D90-0001-04	Steel ball	
86	N09-0059-04	Screw	
87	N16-0030-46	Spring washer	
88	N24-2080-45	Stop ring	
89	N19-0082-00	Small washer	
90	N19-0142-04	Small washer	
91	N14-0048-14	Nut	
92	J12-0063-04	Pin for tip	
93	J42-0056-04	Eccentric sleeve	
94	A15-0027-04	Speed selector name plate	
95	J61-0024-05	Wire clip	
96	F07-0220-32	Protection cover (A)	
97	N30-3006-11	Tap tight screw x 4	
98	S51-1009-25	Relay	
99	RW14AG3D471J	Wire wound resistor 470Ω ±5% 2W	
100	CE02W1J101	Electrolytic capacitor 100μF 63WV	
101	V11-0200-05	Diode V06C	
102	R90-0101-05	Ceramic based multiple components x 2	
103	PD14BY2E104J	Carbon resistor 100kΩ ±5% 1/4W	
104	D10-0118-23	Right lever ass'y	
105	A10-0349-03	Right lever chassis	
106	D11-0171-04	Repeat arm	
107	D11-0172-04	Switch arm	
108	G01-0219-14	Torsion spring	
109	D21-0304-04	Arm shaft	
110	N19-0143-04	Insulating washer	
111	N24-3015-60	E washer	
112	N19-0016-04	Insulating washer	
113	G02-0047-14	Repeat lock spring	
114	N30-2605-11	Pan head screw	
115	S46-1004-15	Leaf switch	
116	N30-2605-11	Pan head screw	
117	S49-1005-05	Micro switch	
118	N30-3016-11	Pan head screw x 2	

KP-3022 (KP-3022F)

Fig. No.	Parts No.	Description	Remarks
119	N10-2030-11	Nut	
120	K29-0145-04	Switch knob	
121	K29-0146-04	Repeat knob	
122	B30-0094-05	Pilot lamp ass'y	
123	D40-0153-12	Dress panel sub-ass'y	
124	A21-0124-02	Dress panel	
125	B09-0004-04	Tonearm base cap	
126	B08-9006-04	Indicator	
127	K22-0033-04	Canceller knob	
128	B20-0269-04	Dial board	
129	N72-2002-11	Screw x 2	
130	D21-0310-03	Cam shaft	
131	N19-0024-04	Insulating washer	
132	D90-0014-00	Steel ball	
133	G01-0218-04	Compression spring	
134	E39-0006-04	Tension wire	
135	D10-0121-04	Canceller lever (A)	
136	N19-0080-00	Special washer	
137	N09-0138-04	Special screw	
138	D10-0122-04	Canceller lever (B)	
139	N14-0084-04	Special nut	
140	G01-0216-04	Tension spring (E)	
141	N73-4008-11	Screw	
142	D39-0022-14	Tonearm rest	
143	J11-0029-14	Tonearm rest cramper	
144	D21-0300-04	Elevation shaft ass'y	
145	D21-0301-04	Elevation shaft	
146	D29-0004-04	Tip for elevation shaft	
147	J12-0068-04	Spring pin	
148	G01-0103-14	Compression spring	
149	N19-0018-04	Insulating washer	
150	N24-3050-60	E washer	
151	D39-0023-24	Support ass'y	
152	—	—	
153	—	—	
154	A02-0030-01	Player case	
155	J02-0070-05	Rubber leg x 4	
156	—	—	
157	N87-3014-41	Tap tight screw x 4	
158	J50-0049-15	Hinge (B) x 2	
159	J20-0246-04	Hinge mounting board x 2	
160	N15-1030-11	Washer x 4	
161	N30-3014-11	Pan head screw x 4	
162	A02-0021-15	Player cover	
163	J50-0048-05	Hinge (A) x 2	
164	N33-4008-13	Flat head screw x 2	
165	D40-0155-43	Pause ass'y	
166	D40-0156-34	Pause chassis calked ass'y	
167	D11-0173-04	Elevation arm calked ass'y	
168	N24-3015-60	E washer	
169	D10-0119-34	Pause lever calked ass'y	
170	G01-0220-24	Torsion spring	
171	D23-0080-04	Bearing	
172	N15-1040-11	Washer x 2	
173	G01-0110-24	Compression spring	
174	N10-2040-11	Nut	
175	G01-0222-14	Torsion spring	
176	N30-2612-11	Pan head screw	
177	D21-0305-04	Elevation arm shaft	
178	N84-4006-41	Tap tight screw x 2	

Fig. No.	Parts No.	Description	Remarks
179	J25-1166-03	PC board	
180	D12-0051-24	EL cam calked ass'y	
181	N24-3020-60	E washer x 4	
182	D11-0112-04	Traveling arm calked ass'y	
183	G01-0133-04	Torsion spring (A)	
184	N19-0153-04	Insulating washer	
185	D12-0048-04	Off cam calked ass'y	
186	D40-0113-14	Adjust ass'y	
187	D32-0038-04	Stopper calked ass'y	
188	G01-0134-04	Tension spring (D)	
189	D11-0114-24	Select arm calked ass'y	
190	G01-0135-04	Conical spring	
191	N09-0094-04	Screw	
192	G01-0141-04	Tension spring (B)	
193	D40-0115-04	Detecting arm ass'y	
194	D11-0118-04	Detecting operation arm calked ass'y	
195	J31-0074-04	Sleeve	
196	N30-3006-11	Pan head screw	
197	D40-0116-04	Switch cam ass'y	
198	N30-2605-11	Pan head screw	
199	A10-0286-43	Mechanism chassis calked ass'y	
200	G02-0031-14	Leaf spring	
201	N30-3005-11	Pan head screw	
202	D11-0120-04	Set off arm	
203	G01-0137-04	Tension spring (A)	
204	D11-0121-04	Connecting plate	
205	D11-0122-04	Return operation arm	
206	G01-0138-04	Torsion spring (D)	
207	N19-0025-04	Insulating washer x 3	
208	N24-3030-60	E washer x 6	
209	D11-0123-04	Hook arm	
210	G01-0139-14	Torsion spring (B)	
211	D11-0124-04	Switch arm	
212	G01-0140-14	Torsion spring (C)	
213	D11-0110-14	Muting arm	
214	T41-0084-35	Timing motor	
215	S46-2010-45	Arm switch (A1)	
216	S46-2011-55	Arm switch (D1)	
217	S46-2006-55	Arm switch (C)	
218	N30-2605-11	Pan head screw x 3	
219	N24-3040-60	E washer x 2	
220	N24-3025-60	E washer	
221	N24-3025-60	E washer x 2	
222	PARTS LIST	Power transformer	
223	G13-0073-14	Insulator	
224	N10-2040-11	Nut x 2	
225	N30-4010-11	Pan head screw x 2	
226	G11-0116-04	Detecting arm calked ass'y	
227	D29-0009-04	Tip	
228	N30-2605-11	Pan head screw	
229	—		
230	E23-0047-04	PC board terminal x 12	
231	N15-1040-11	Washer x 2	
232	PARTS LIST	Power voltage selector socket	
233	PARTS LIST	Power voltage selector plug	
234	N30-3004-11	Pan head screw	
235	PARTS LIST	Power voltage selector cover	
236	N30-3008-11	Pan head screw x 2	

Fig. No.	U.S.A. (K)	Canada (P)	PX (U)	Australia (X)	Europe (W)	Scandinavia (L)	England (T)	South Africa (S)	Other area (M)	Description
4	—	—	J91-0040-05	J91-0040-05	J91-0040-05	J91-0040-05	J91-0040-05	—	J91-0040-05	Pickup ass'y
5	J91-0042-09	J91-0042-09	J91-0042-09	J91-0042-09	J91-0042-09	J91-0042-09	J91-0042-09	J91-0042-09	J91-0042-09	Tonearm (Not include main weight and shell)
8	—	—	T21-0034-05	T21-0034-05	T21-0034-05	T21-0034-05	T21-0034-05	—	T21-0034-05	Cartridge
	—	—	—	—	—	—	—	—	—	Cartridge V-42 (for KP-3022F)
10	—	—	F07-0293-09	F07-0293-09	F07-0293-09	F07-0293-09	F07-0293-09	—	F07-0293-09	Stylus cover
	—	—	—	—	—	—	—	—	—	Stylus cover (for KP-3022F)
21	—	—	D15-0123-04	D15-0123-04	D15-0123-04	D15-0123-04	D15-0123-04	D15-0123-04	D15-0123-04	Motor pulley (50Hz)
21	D15-0126-04	D15-0126-04	D15-0126-04	—	D15-0126-04	—	—	D15-0126-04	D15-0126-04	Motor pulley (60Hz)
24	E30-0181-05	E30-0181-05	E30-0034-05	E30-0185-05	E30-0176-05	E30-0292-05	040-0304-05	040-0304-05	E30-0034-05	Power cord
25	J19-0259-04	J19-0259-04	J19-0259-04	J19-0345-04	J19-0345-04	J19-0345-04	J19-0345-04	J19-0345-04	J19-0259-04	Cord stopper
26	J41-0006-00	J41-0006-00	J41-0006-00	J41-0024-15	J41-0017-05	J41-0017-05	J41-0024-15	J41-0024-15	J41-0006-00	Cord bushing
39	B42-0415-04	B42-0415-04	B42-0415-04	B42-0415-04	B42-0415-04	B42-0415-04	B42-0389-04	D42-0415-04	B42-0415-04	Dress panel name plate (for KP-3022F)
	—	—	B42-0539-04	—	—	—	—	—	—	Dress panel name plate
40	B40-0841-04	B40-0842-04	B40-0816-04	B40-0815-14	B40-0815-14	B40-0978-04	B40-0848-04	B40-0815-14	B40-0815-14	Name plate
	—	—	B40-1097-04	—	—	—	—	—	—	Name plate (for KP-3022F)
222	L02-0067-15	L02-0056-05	L02-0067-15	L02-0067-15	L02-0067-15	L02-0056-02	L02-0067-15	L02-0067-15	L02-0067-15	Power transformer
232		—	E06-0706-15	E06-0706-15	E06-0706-15	—	E06-0706-15	E06-0706-15	E06-0706-15	Power voltage selector socket
233	—	—	E07-0304-15	E07-0304-15	E07-0304-15	—	E07-0304-15	E07-0304-15	E07-0304-15	Power voltage selector plug
235	—	—	F07-0236-04	F07-0236-04	F07-0236-04	—	F07-0236-04	F07-0236-04	F07-0236-04	Power voltage selector cover
—	X31-1020-00	X31-1020-00	X31-1020-21	X31-1020-21	X31-1020-21	X31-1020-00	X31-1020-21	X31-1020-21	X31-1020-21	Panel ass'y
—	J91-0055-09	J91-0055-09	J91-0041-09	J91-0041-09	J91-0041-09	J91-0041-09	J91-0041-09	J91-0055-09	J91-0041-09	Tonearm
—	X31-1010-00	X31-1010-00	X31-1010-00	X31-1010-00	X31-1010-00	X31-1010-00	X31-1010-00	X31-1010-00	X31-1010-00	Dress panel
—	X27-1020-11	X27-1021-01	X27-1020-21	X27-1020-21	X27-1020-21	X27-1020-61	X27-1020-21	X27-1020-21	X27-1020-21	Power supply unit
—	X30-1010-00	X30-1010-00	X30-1010-00	X30-1010-00	X30-1010-00	X30-1010-00	X30-1010-00	X30-1010-00	X30-1010-00	Player case ass'y
—	—	—	—	—	—	G13-0002-04	—	—	—	Rubber cushion x 2
—	—	—	G13-0002-04	—	—	—	—	—	—	Rubber cushion x 2 (for KP-3022F)
—	—	—	—	—	—	E22-0418-05	—	—	—	Lug type terminal strips
—	J42-0031-04	J42-0031-04	J42-0031-04	J42-0031-04	J42-0031-04	J42-0031-04	J42-0031-04	J42-0031-04	J42-0031-04	Oiler
—	W01-0035-00	W01-0035-00	W01-0035-00	—	W01-0035-00	—	—	W01-0035-00	W01-0035-00	Small driver
—	H25-0078-00	H25-0078-00	H25-0078-00	H25-0078-00	H25-0078-00	H25-0078-00	H25-0078-00	H25-0078-00	H25-0078-00	Instruction bag
—	—	—	—	—	—	—	—	—	—	Warranty card
—	—	—	—	—	—	—	—	—	—	Warranty card
—	B50-1047-00	B50-1038-00	B50-1267-00	B50-1267-10	B50-1003-00	B50-1003-00	B50-1047-00	B50-1038-00	B50-1003-00	Instruction manual
—	—	—	—	—	—	—	—	—	—	Instruction manual (for KP-3022F)
—	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04	B42-0009-04	Passed sticker
—	—	—	—	B58-0043-00	B58-0043-00	—	—	—	—	Carton case caution card
—	B58-0003-00	B58-0003-00	B58-0139-00	B58-0003-00	—	—	B58-0003-00	B58-0003-00	B58-0003-00	Power supply caution card
—	B58-0159-00	B58-0159-00	B58-0160-00	B58-0159-00	—	—	B58-0159-00	B58-0159-00	B58-0159-00	Power voltage selector caution card
—	B58-0164-00	B58-0164-00	B58-0164-00	B58-0164-00	B58-0164-00	B58-0164-00	B58-0164-00	B58-0164-00	B58-0164-00	Shell caution card
—	—	B42-0420-04	—	—	—	—	—	—	—	Caution sticker
—	—	B42-0431-04	—	—	—	—	—	—	—	Caution sticker
—	J21-0511-04	J21-0511-04	J21-0511-04	J21-0511-04	J21-0511-04	J21-0511-04	J21-0511-04	J21-0511-04	J21-0511-04	Lead holder
—	H01-0952-04	H01-0952-04	H01-0952-04	H01-0952-04	H01-0952-04	H01-0592-04	H01-0923-04	H01-0952-04	H01-0952-04	Carton case
—	—	—	H01-1228-04	—	—	—	—	—	—	Carton case (for KP-3022F)

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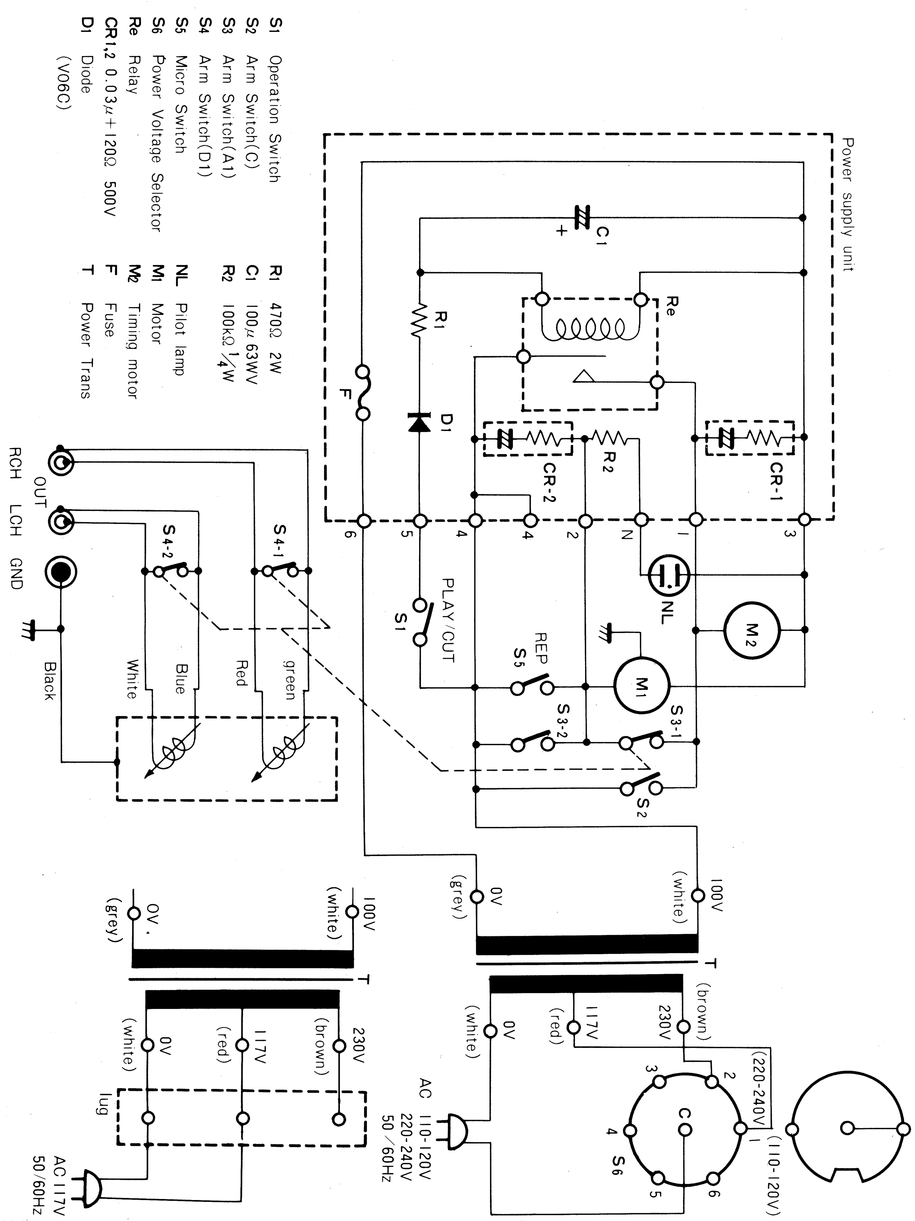
Fig. No.	U.S.A. (K)	Canada (P)	PX (U)	Australia (X)	Europe (W)	Scandinavia (L)	England (T)	South Africa (S)	Other area (M)	Description
–	H03-0236-04	H03-0236-04	–	H03-0236-04	H03-0236-04	H03-0236-04	–	H03-0236-04	H03-0236-04	Carton case
–	–	H03-0236-04	–	–	–	–	–	–	–	Carton case (for KP-3022F)
–	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	J39-0021-05	Shell spacer ass'y
–	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	J39-0019-05	Spacer (A)
–	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	J39-0020-05	Spacer (B)
–	–	–	B42-0368-04	–	–	–	–	–	–	EP sticker
–	–	–	B59-0018-00	–	–	–	–	–	–	KENWOOD service station list
–	–	–	–	–	J61-0014-05	J61-0014-05	J61-0014-05	J61-0014-05	J61-0014-05	Free up belt
–	–	B58-0182-05	–	–	–	–	–	–	–	Caution sticker (only KP-3022)
–	–	H10-1111-04	–	–	–	–	–	–	–	Buffer fixture
–	–	–	H25-0029-09	–	H25-0029-04	H25-0029-04	–	–	H25-0029-04	Protection bag x 3
–	–	–	–	–	B42-0262-04	–	–	–	–	SEV sticker

Note: Unless otherwise designated KP-3022F parts number is common to KP-3022.