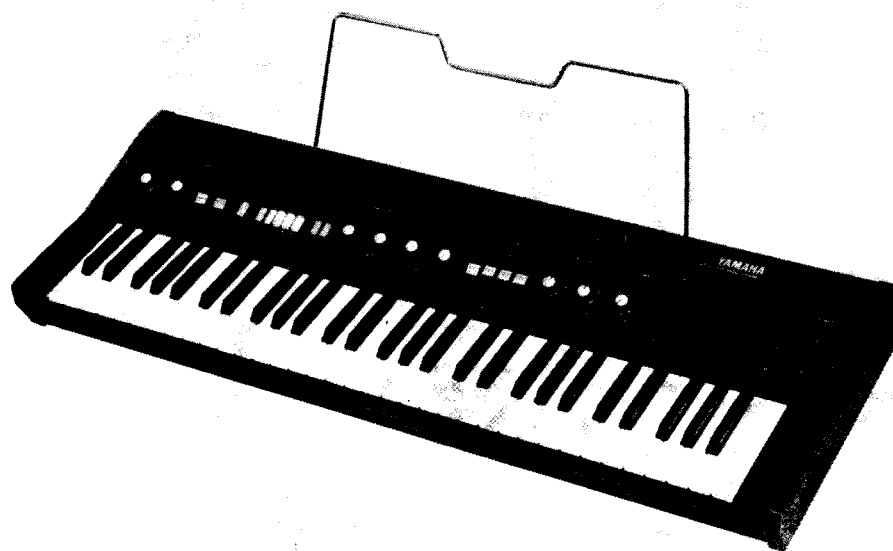


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SERVICE MANUAL

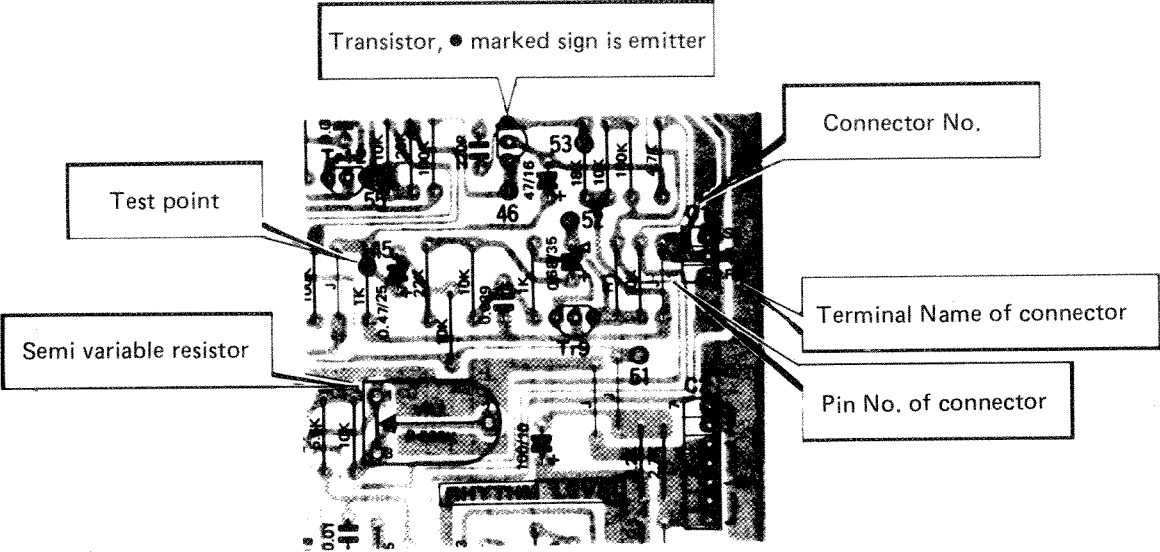
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CODING GUIDE

CIRCUIT BOARD

All circuit board layouts are from component side unless otherwise specified.



Show the Connection Table about the connection.

Connector No. of DM circuit board (unit)			
DM-C1			
No.	Pin Name	Wire Color	Destination
1	ATC	GY	PU ATC (IC3-8)
2	VE	YE	PN1 VE (IC6-3)
3	VI	WH	PN1 VI (IC6-4)

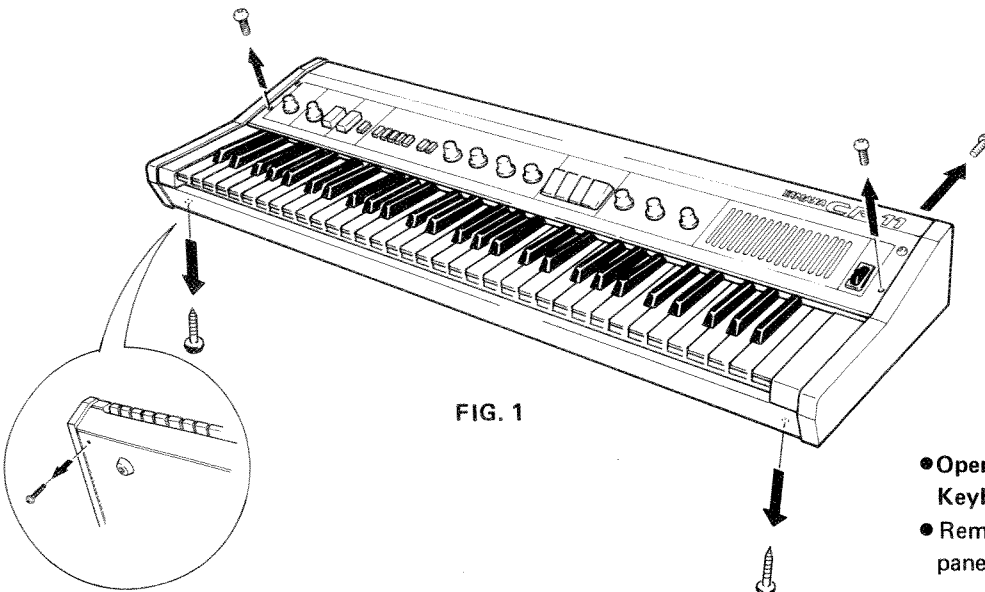
DM-C2			
No.	Pin Name	Wire Color	Destination
1	VSS	BL 12	PU E (IC3-2)
2	VSS	BL 12	PU 3 (IC3-3)
3	VSS	GR 12	PN1 EC2 (IC5-1)
4	VSS	BL 12	PN1-VSS (IC4-7)
5	VSS	BL 12	PN3 VSS (IC3-3)
6	VSS	BL 12	EXP VSS (IC1-3)
7	VSS		
8	15D	RE 12	PU 15 (IC3-5)
9	15D	RE 12	PN4 15 (IC1-6)
10	15D	RE 12	EXP LA (IC1-5)

Connected unit name

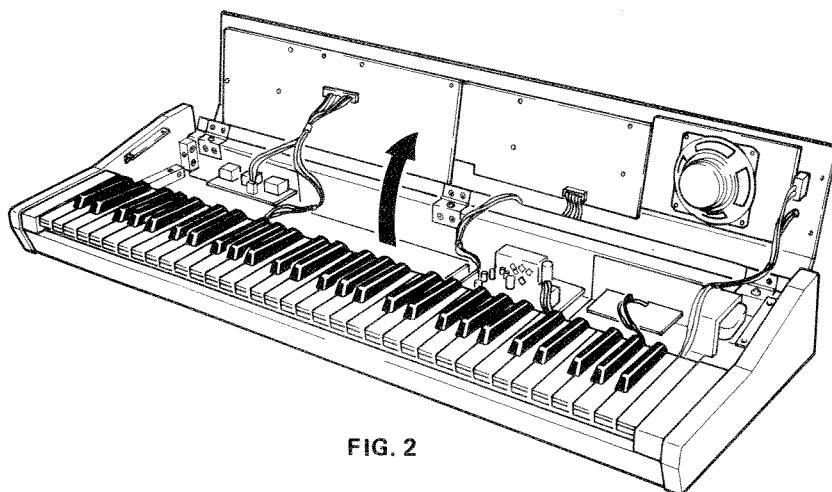
Connected terminal name

Connected connector and pin No.

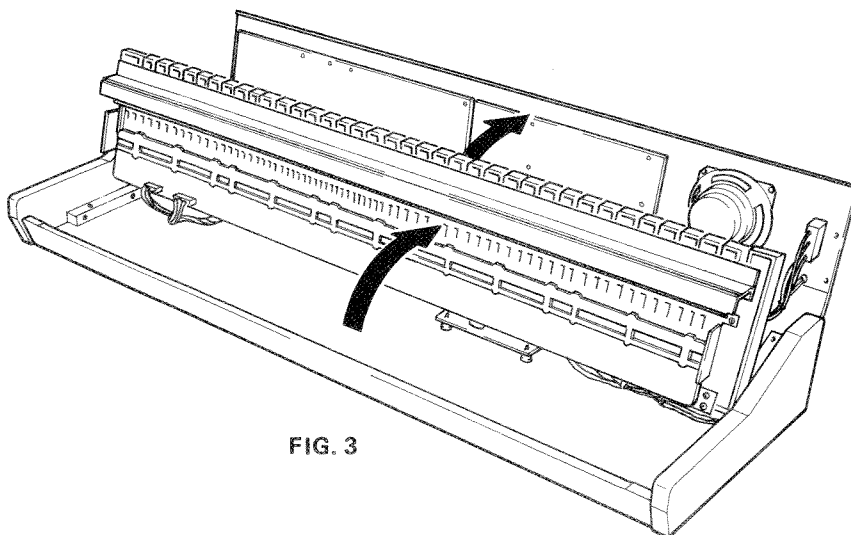
DISASSEMBLY PROCEDURE



- Opening the Control Panel and Keyboard.
- Removes 5 screws from the control panel and bottom cover.










- Lift the control panel as shown in the figure 2 until it is fully opened.



- The keyboard can now be lifted as shown in the figure 3.

SPECIFICATIONS

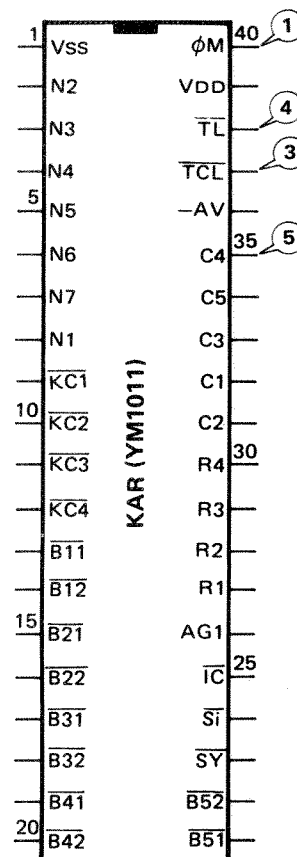
Keyboard	61 keys, from C1 to C6
Simultaneous Voices	
when Auto-Accompaniment inactivated	10 voices within whole range of keyboard
when Auto-Accompaniment activated	Melody part : 4 voices, Auto-accompaniment part : 6 voices
PITCH Control	435 to 450 Hz at A3
TREMOLO Control	TREMOLO Tablet Switch : ON / OFF
SUSTAIN Control	SUSTAIN Tablet Switch : ON / OFF
	EG MODE Switch  :  ,  : 
AUTO ACCOMPANIMENT Section	Rhythm Select Switch
	 / 
	MARCH / DISCO
	WALTZ / ROCK
	TANGO / SWING
	RHUMBA / SAMBA
	RHYTHM START Push Switch : Start/Stop
	KEY START Switch : Key Synchronous Start
	TEMPO :  = 43 to 300 Variable
	ARPEGGIO : Level Control
	BASS & CHORD : Level Control
	RHYTHM : Level Control
TONE SELECT Switch	PIANO 1, PIANO 2, HARPSICHORD 1, HARPSICHORD 2 Tablets
EQUALIZER Control	BASS, TREBLE Controls
Loudness Control	VOLUME Control
Power Control	POWER Switch
OTHERS	
Power Amplifier	Output : 5 Watts at 4 ohms load
Speaker	10 cm (4"), 4 ohms
REAR PANEL	HEADPHONES : 8 to 300 ohms
	FOOT PEDAL : Foot Switch FC-5 Connectable
	OUTPUT : 600 ohms, -10dBm
Power Requirement	U.S. & Canadian Models: 120V, 60Hz
	General Model: 110-130, 220-240V, selectable 50/60Hz
Power Consumption	10 Watts
Dimensions (W x H x D)	36¼ x 4¼ x 12½ inch, 925 x 108.2 x 322 cm
Weight	23.8 lbs, 10.8 kg
Finish	Rosewood grained
Accessories	Foot Pedal : FC-5, Score Stand

* Specifications and Design are subject to change due to improvement.

LSI DATA TABLES

Type	YM1011	Function	KAR (Key Assigner & Rhythm)
------	--------	----------	-----------------------------

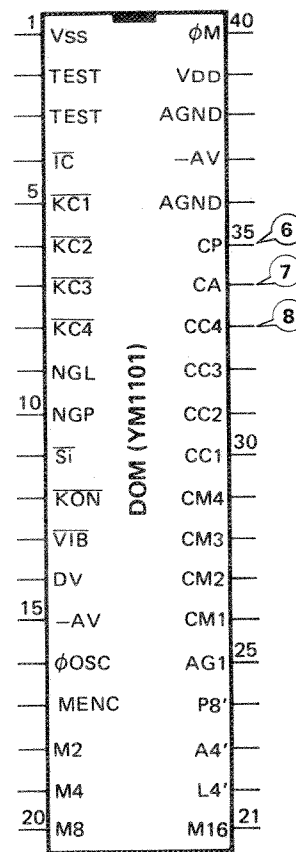
Pin		Description	Pin		Description
No.	Name		No.	Name	
1	VSS	Ground (0V)	40	ϕ M	Master Clock IN (470kHz)
2	N2		39	VDD	DC Supply (-9V)
3	N3		38	TL	Tempo lamp Drive OUT
4	N4		37	TCL	C.R for tempo clock oscillation
5	N5		36	-AV	DC supply for Rhythm sound source (-3.5V)
6	N6	Note Block (\Leftarrow MK)	35	C4	HC
7	N7		34	C5	
8	N1		33	C3	
9	KC1	Key Code Data OUT (\Rightarrow DOM)	32	C1	
10	KC2		31	C2	HH
11	KC3		30	R4	
12	KC4		29	R3	DP
13	B11		28	R2	
14	B12		27	R1	
15	B21		26	AG1	Analog GND
16	B22	Octave Block (\Leftarrow MK)	25	IC	Initial clear IN
17	B31		24	Si	Serial data IN (\Leftarrow PSC II)
18	B32		23	SY	Synchro data OUT (\Rightarrow PSC II)
19	B41		22	B52	Octave block (\Leftarrow MK)
20	B42		21	B51	



NOTE) Marks ... Refer to MAIN WAVEFORM CHECKPOINTS (P11 ~ 13)

Type	YM1101	Function	DOM (Digital Tone Generator)
------	--------	----------	------------------------------

Pin		Description	Pin		Description
No.	Name		No.	Name	
1	VSS	Ground (0V)	40	ϕ M	Master clock IN (470kHz)
2	TEST	Test Pin	39	VDD	DC Supply (–9V)
3	TEST	– do. –	38	AGND	Analog GND
4	$\overline{\text{IC}}$	Initial clear IN	37	–AV	DC Supply for Sound source (–3.5V)
5	$\overline{\text{KC1}}$	Key code data IN (\Leftarrow KAR)	36	AGND	GND (Auto Bass Sound source)
6	$\overline{\text{KC2}}$		35	CP	C.R for Auto Bass/Manual Key Sound source envelope setting
7	$\overline{\text{KC3}}$		34	CA	C.R for Auto Arpeggio/Manual Key Sound source envelope setting
8	$\overline{\text{KC4}}$		33	CC4	C.R for Auto Chord/Manual Key Sound source envelope setting
9	NGL	NC	32	CC3	
10	NGP	NC	31	CC2	
11	$\overline{\text{SI}}$	Serial data IN (\Leftarrow PSC II)	30	CC1	
12	$\overline{\text{KON}}$	NC	29	CM4	C.R for Manual Key Sound source envelope setting
13	$\overline{\text{VIB}}$	GND	28	CM3	
14	DV	NC	27	CM2	
15	–AV	DC supply for sound source (–3.5V)	26	CM1	
16	ϕ OSC	Clock for sound source IN (530kHz)	25	AG1	GND (Manual Key sound source)
17	MENC	MENC	24	P8'	Auto Bass sound source OUT
18	M2'	2'	23	A4'	Auto Arpeggio sound source OUT
19	M4'	4'	22	L4'	Auto Code sound source OUT
20	M8'	8'	21	M16'	GND



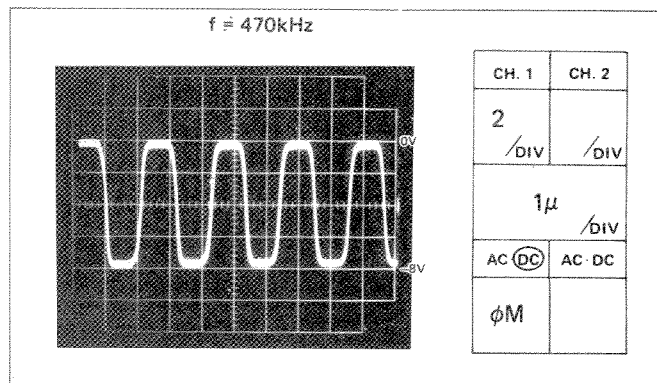
NOTE) Marks ... Refer to MAIN WAVEFORM CHECKPOINTS (P11 ~ 13)

MAIN WAVEFORM CHECKS

Wave Shape Figures

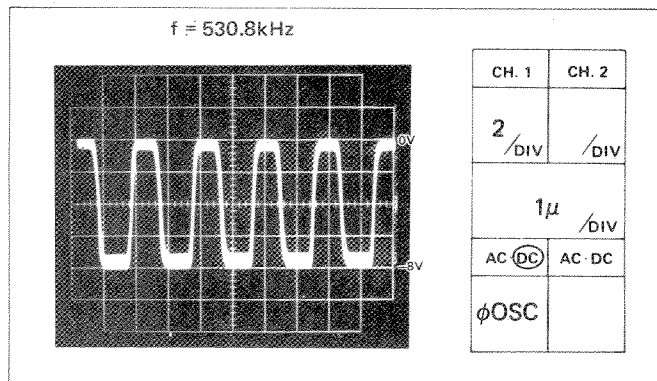
1 Master Clock (ϕM)

- **CHECKPOINT** (CPA)
10th Pin of IC5
- **CONDITION**
Power SW. — ON



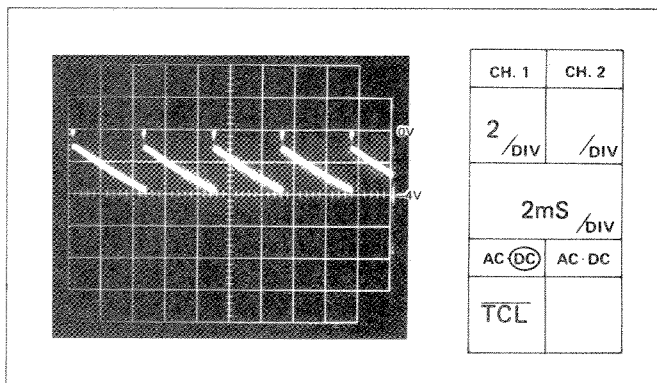
2 Sound Source Clock (ϕOSC)

- **CHECKPOINT** (CPA)
8th Pin of IC5
[16th Pin of IC2 (DOM)]
- **CONDITION**
Power SW. — ON



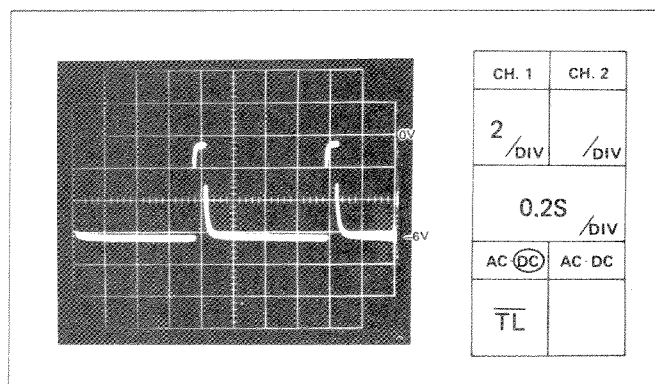
3 Tempo Clock (\overline{TCL})

- **CHECKPOINT** (CPA)
37th Pin of IC1 (KAR)
- **CONDITIONS**
RHYTHM START
Tempo Volume MAX.



4 Tempo Lamp Drive Pulse (\overline{TL})

- **CHECKPOINT** (CPA)
38th Pin of IC1 (KAR)
- **CONDITIONS**
RHYTHM START
Tempo Volume MAX.

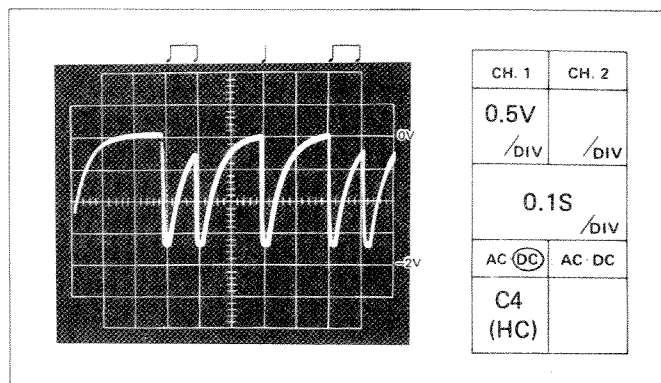


5 Rhythm Envelope (HC)

- **CHECKPOINT** (CPA)
35th Pin of IC1 (KAR)
Envelope of High Conga

- **CONDITIONS**
RHYTHM START (RHUMBA)
Tempo Volume MAX.

* The waveform varies with the rhythm.

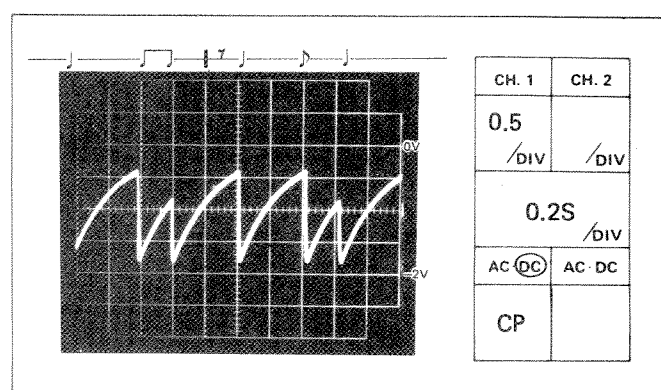


6 Auto Bass Envelope (CP)

- **CHECKPOINT** (CPA)
35th Pin of IC2 (DOM)

- **CONDITIONS**
RHYTHM START (ROCK)
KEY START – ON
&
KEY – ON (C1 ~ F2#)

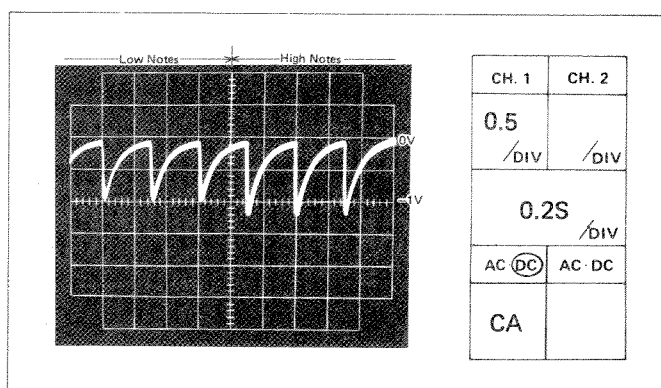
* The waveform varies with the rhythm.



7-a Auto Arpeggio Envelope (CA)

- **CHECKPOINT** (CPA)
34th Pin of IC2 (DOM)

- **CONDITIONS**
KEY START – ON
&
KEY – ON (C1 ~ F2#)

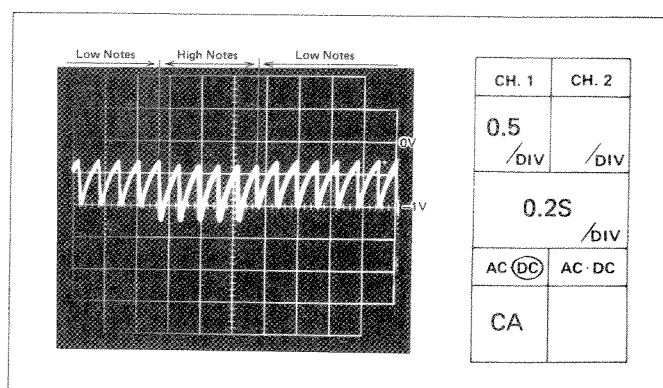


7-b Auto Arpeggio Envelope (CA)

- **CHECKPOINT** (CPA)
34th Pin of IC2 (DOM)

- **CONDITIONS**
KEY START – ON
&
KEY – ON (C1 ~ F2#)

* When Up Tempo compared with 7-a.

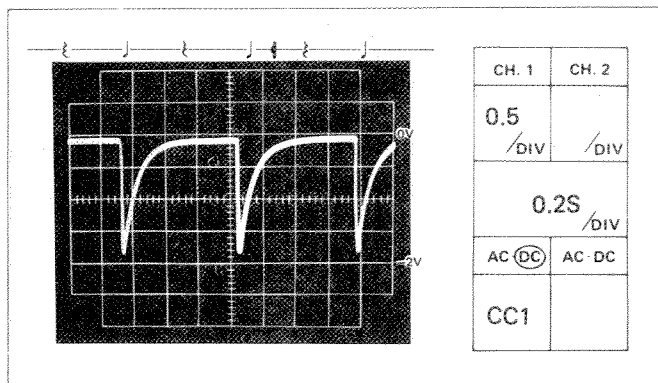


8

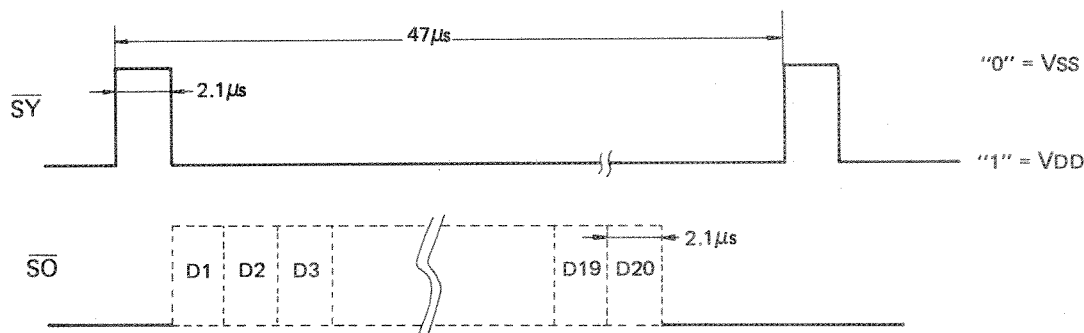
Auto Chord Envelope (CC1~4)

- CHECKPOINT (CPA)
From 30th to 33th Pin of IC2 (DOM)

- CONDITIONS
KEY START – ON
&
KEY – ON (C1 ~ F2#)



Serial Function Data



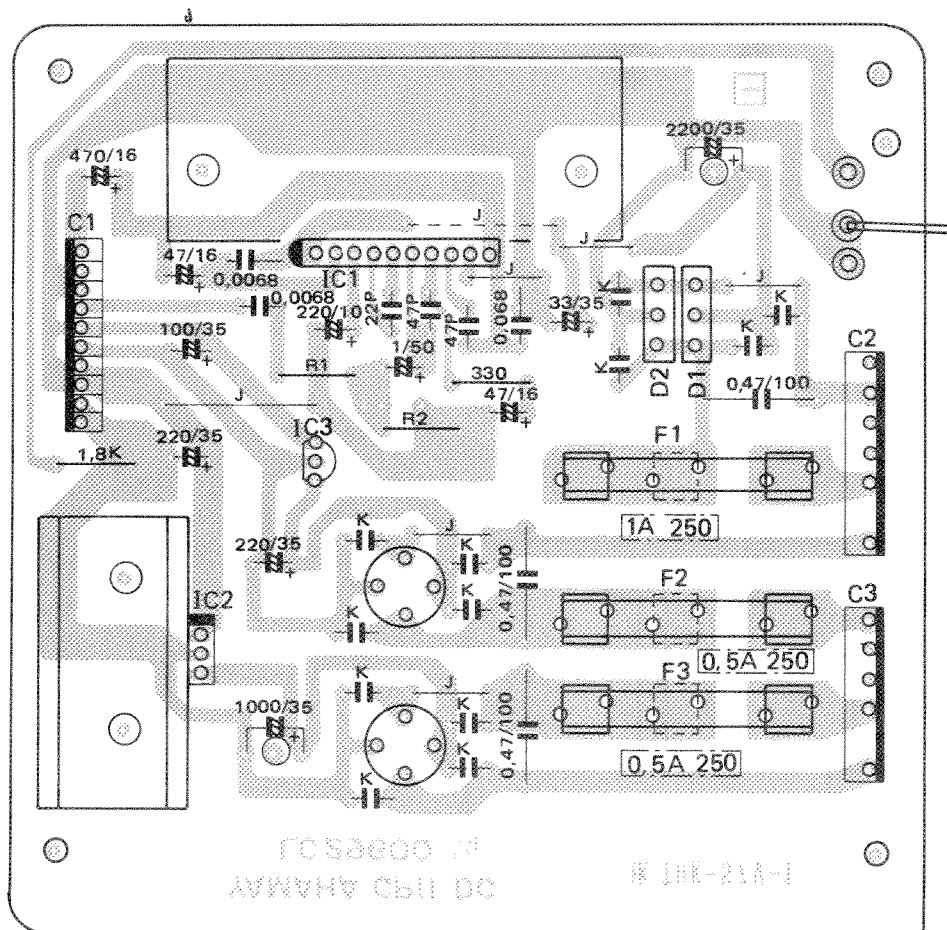
D1, 3, 5, 7, 10, 18 and 19 are fixed at "1".
D4 is fixed at "0".
D9 is "1" if FS is on and "0" if FS is off.

Parallel Data		Serial Data
PSC II (IC 3)	P10	D1 –
	P9	D2 EG MODE
	P8	D3 –
	P7	D4 –
	P6	D5 –
	P5	D6 *SUSTAIN
	P4	D7 –
	P3	D8 KEY START
	P2	D9 FOOT SW
	P1	D10
	P10	D11 RHYTHM START
	P9	D12 KEY START
	P8	D13 RHYTHM SELECT
	P7	D14 MARCH (DISCO)
	P6	D15 WALTZ (ROCK)
	P5	D16 TANGO (SWING)
	P4	D17 RHUMBA (SAMBA)
	P3	D18 –
	P2	D19 –
	P1	D20 TANGO (SWING)

SUSTAIN SW works only when FS is off.

DC & JK CIRCUIT BOARDS

DC



C1

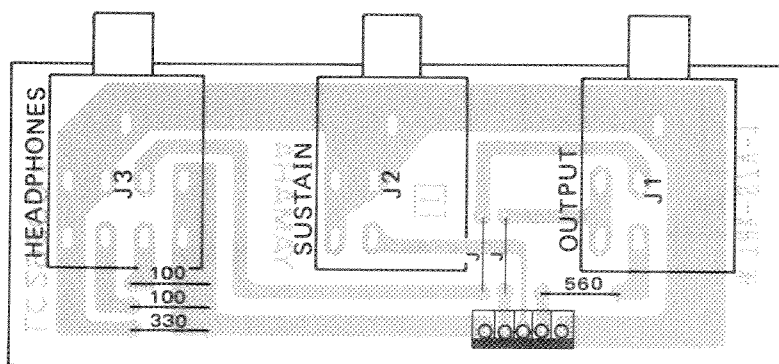
Pin No.	Pin Name	Wire Color	Destination
1	SP1	GY	JK-SP1 (C1-1)
2	GND	BL	SP-SPM
3	GND	BL	JK-GND (C1-5)
4	MI	S OR	CPB-OUT (C2-9)
5	Vss	GR	CPA-Vss (C1-5)
6	VDD	BE	CPA-VDD (C1-4)
7	GND	BL	CPA-GND (C4-1)
8	GND	BL	CPB-GND (C2-2)
9	-15V	YE	CPA- -15V (C4-2)
10	-15V	YE	CPB- -15V (C2-1)

Notes)

1. Circuit Board : LC29600 ①
2. Integrated Circuits
 IC1 : TA7205AP
 IC2 : μ PC14315H
 IC3 : TA78L009P
3. Diodes
 D1 : 1D2C1
 D2 : 1D2Z1
 D3, 4 : 1D4B1
4. Capacitor
 (K) mark : 1000P

KEP-NA10776-1 X1/4 Δ

JK



Note)

1. Circuit Board : LC29600 ①

JK

Pin No.	Pin Name	Wire Color	Destination
1	SP1	GY	DC-SP1 (C1-1)
2	SP2	WH	SP-SPP (C1-1)
3	FSW	OR	CPA-FSW (C1-3)
4	OUT	S OR	CPB-OUT (C2-7)
5	GND	BL	DC-GND (C1-3)

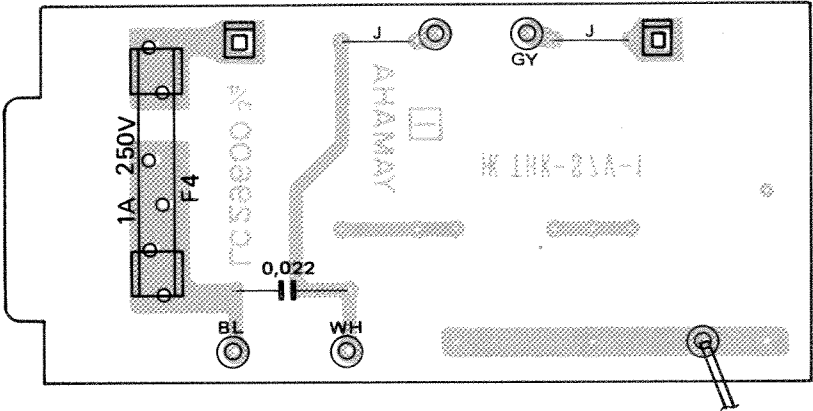
SP

Pin No.	Pin Name	Wire Color	Destination
1	SPP	WH	JK-SP2 (C1-2)
2	SPM	BL	DC-GND (C1-2)

KEP-NA10776-1 X2/4 Δ

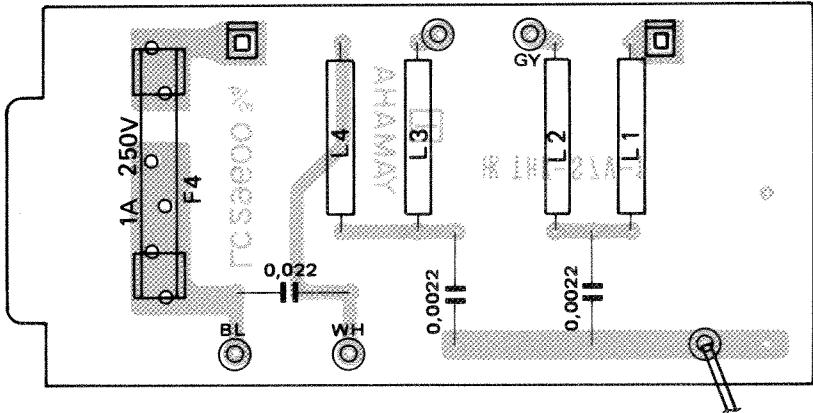
AC CIRCUIT BOARD

AC1 (JAPANESE)

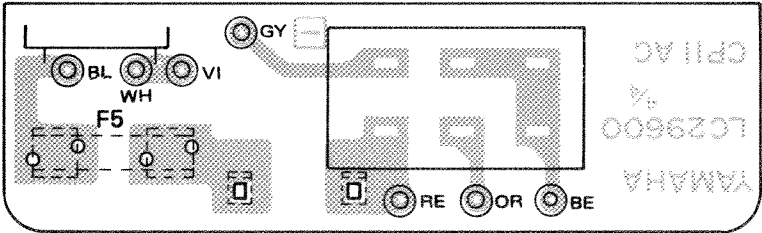


Note)
1. Circuit Board : LC29600 1

KEP-NA10776-1 X 3/4 Δ
AC1 (US)



AC2 (GENERAL)



Note)
1. Circuit Board : LC29600 1

KEP-NA10776-1 X 4/4 Δ

	Part No.	Circuit Board				F1	F2	F3	F4	F5
		DC	JK	AC1	AC2					
Japanese	NA10776	○	○	○		▽ 1A 250V	▽ 0.5A 250V	▽ 0.5A 250V	▽ 1A 250V	
US	NA10777	○	○	○		⓪ 1A 250V	⓪ 0.5A 250V	⓪ 0.5A 250V	⓪ 1A 250V	
Canadian	NA10778	○	○	○		⓪ 1A 250V	⓪ 0.5A 250V	⓪ 0.5A 250V	⓪ 1A 250V	
General	NA10779	○	○		○	Ⓢ T1A 250V	Ⓢ T500mA 250V	Ⓢ T500mA 250V		Ⓢ T315mA 250V

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PARTS LIST

CONTENTS

A. Electronic Components (電気部品)	1
B. Cabinet Assembly (外装集成)	3
C. Keyboard Assembly (鍵盤)	6
D. Foot Switch (フットペダル)	7

A. Electronic Components(電気部品)

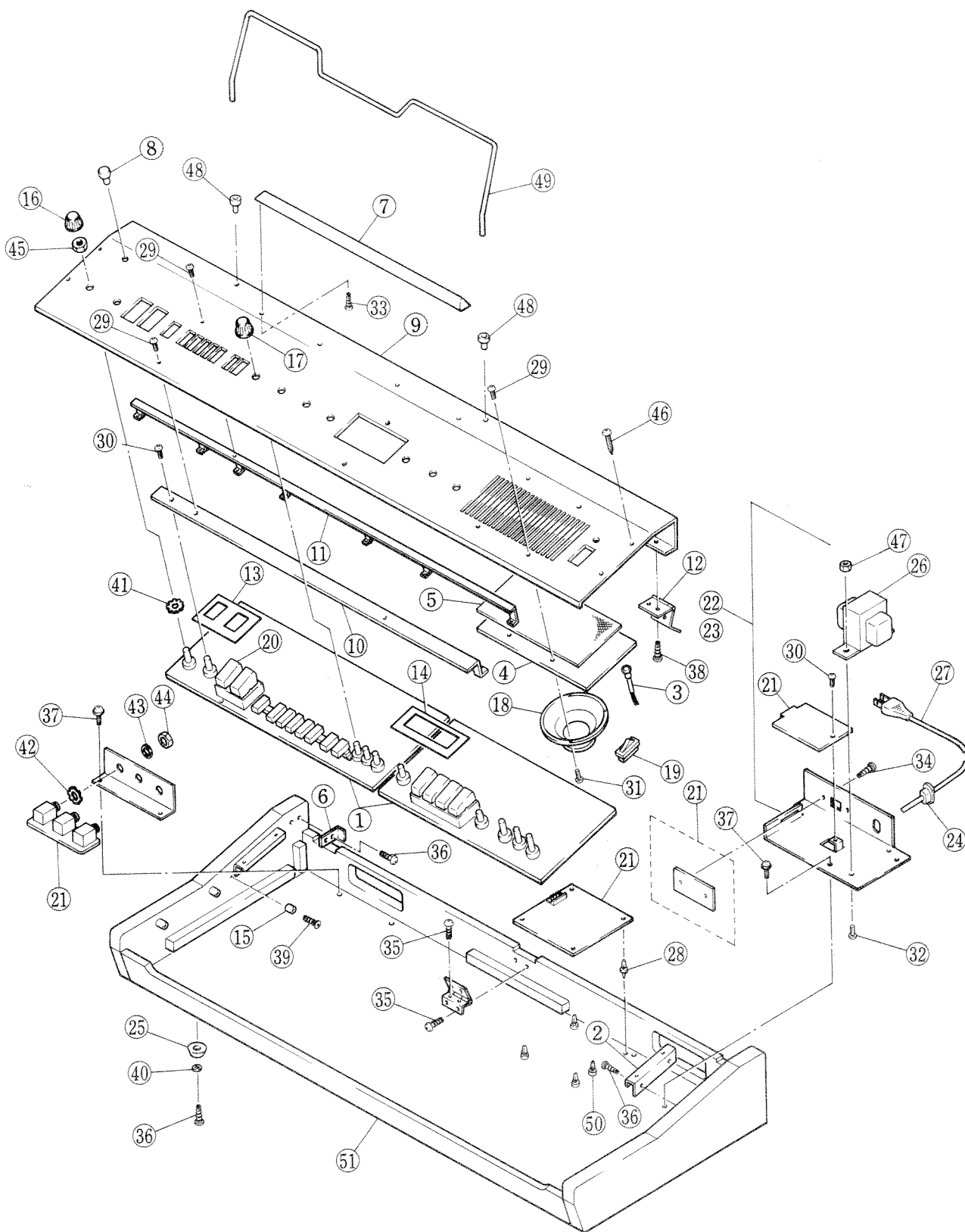
Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets
※	NA:10:77:40	Circuit Board, CPA, CPB	#2945	C P A, C P B シート		
※	NA:10:77:60	— do. —, JK, DC, AC	#2960	J K, D C, A C シート		
※	NA:10:77:70	— do. —, — do. —	— do. —	〃		U
※	NA:10:77:80	— do. —, — do. —	— do. —	〃		C
※	NA:10:77:90	— do. —, — do. —	— do. —	〃		G
	i G 00:13:90	IC	NJM4558DV	I C	Dual OP Amp.	
	i G 02:60:00	— do. —	iG2600	〃		
	i G 02:87:00	— do. —	μPC14315H	〃		
	i G 03:74:70	— do. —	μPD4069C	〃		
	i G 04:07:00	— do. —	TA78L009P	〃		
※	i G 06:28:00	— do. —	TA7205AP	〃		
	i T 10:02:00	— do. —	YM1002	〃		
	i T 10:11:00	— do. —	YM1011	〃		
	i T 11:01:00	— do. —	YM1101	〃		
	i A 10:15:70	Transistor	2SA1015(O, Y)	ト ラ ン ジ ス タ		
	i C 07:52:30	— do. —	2SC752TM(Y)	〃		
	i C 18:15:70	— do. —	2SC1815(O, Y)	〃		
	i F 00:00:40	Diode	IS1555	ダ イ オ ー ド		
	i F 00:02:90	LED		L E D		
	i F 00:11:90	— do. —	TLR-124	〃		
	i H 00:02:80	Diode	ID2C1	ダ イ オ ー ド		
	i H 00:02:90	— do. —	ID2Z1	〃		
	i H 00:04:70	— do. —	ID4B1	〃		
	HS:31:04:40	Variable Resistor	B50KΩ	ボ リ ュ ー ム		
	HS:31:05:50	— do. —	A10KΩ	〃		
	HS:31:05:70	— do. —	B10KΩ	〃		
	HS:31:13:30	— do. —	C100KΩ	〃		
※	HS:31:17:00	— do. —	C500KΩ	〃		
※	UW:55:91:00	Electrolytic Capacitor	1000μF/35V	小 型 ケ ミ コ ン		
※	UW:85:92:20	— do. —	2200μF/35V	〃		
	FZ:00:22:50	Spark Suppressor Cap.	0.022μF	ス バ ー ク キ ラ ー		
	FZ:00:28:50	Ceramic Capacitor	0.0022μF	セ ラ コ ン		
	FC:18:54:70	MM Capacitor	0.47μF/100V	メタライズドマイラコン		
	FD:65:24:70	Polystyrene Capacitor	470P	ス チ コ ン		
	FD:65:28:20	— do. —	820P	〃		
	UK:63:71:00	Bipolar Electrolytic Capacitor	10μF/16V	B P ケ ミ コ ン		
	FL:66:54:70	— do. —	0.47μF/50V	〃		
	FL:66:61:00	— do. —	1μF/50V	〃		
	UL:14:66:80	Low Noise Capacitor	6.8μF/25V	ローノイズケミコン		
	KA:10:10:60	Power Switch		パ ワ ー ス イ ッ チ		
※	KA:10:11:00	Tablet Switch		タ ブ レ ッ ト ス イ ッ チ		

※ New Parts (新規部品) (J: Japanese, U: U.S. American, C: Canadian, NE: European)

Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets
	KA:90:30:60	Push Switch	2Key	ブッシュスイッチ		
	KA:90:30:70	— do. —	6Key	〃		
	KA:40:08:30	Voltage Selector		電 圧 切 替 器		
	KC:00:12:50	Relay	MZ-12	リ レ ー		
	KB:00:03:10	Fuse	0.5A 250V	ヒ ュ ー ズ		
	KB:00:03:30	— do. —	1A 250V	〃		
	KB:00:06:50	— do. —	T315mA 250V	〃		G
	KB:00:07:10	— do. —	T500mA 250V	〃		G
	KB:00:07:30	— do. —	T1A 250V	〃		G
	KB:00:10:60	— do. —	1A 250V	〃		U,C
	KB:00:11:50	— do. —	0.5A 250V	〃		U,C
	GE:30:03:50	Choke Coil		チ ョ ー ク コ イ ル		
	GE:90:01:90	OSC Coil	500μH	発 振 コ イ ル		
	GE:90:05:00	Coil	CK4	コ イ ル		
	QU:00:09:00	Crystal	470KHz	セラミック発振子		
※	GA:04:02:00	Power Transformer		電 源 ト ラ ン ス		
※	GA:04:03:00	— do. —		〃		U,C
※	GA:04:04:10	— do. —		〃		G
	MG:00:06:00	AC Cord		電 源 コ ー ド		
	MG:00:08:60	— do. —		〃		G
	MG:00:02:70	— do. —		〃		C
	MG:00:07:10	— do. —		〃		U
	LB:20:12:30	Phone Jack	Mono	ジ ャ ッ ク		
	LB:30:10:80	— do. —	Stereo	〃		
	LB:50:02:50	Base Pin	5P	2.5ピッチベースピン	Top Entry	
	LB:50:03:70	— do. —	5P	〃	Bottom Entry	
	LB:60:24:70	— do. —	10P	〃	Top Entry	
	LB:60:30:00	— do. —	7P	〃	Bottom Entry	
	LB:60:30:10	— do. —	8P	〃	— do. —	
	LB:60:30:70	— do. —	10P	〃	— do. —	
	LB:60:40:20	Housing		ハ ウ ジ ン グ		
	LB:50:02:40	Connector Housing	5P	2.5ピッチハウジング		
	LB:60:24:40	— do. —	7P	〃		
	LB:60:24:80	— do. —	8P	〃		
	LB:60:24:50	— do. —	10P	〃		
	LB:50:04:70	Wafer Assembly		ウエハーアッセンブリー		
	LB:60:39:70	— do. —		〃		

※ New Parts (新規部品)

B. Cabinet Assembly (外装集成)

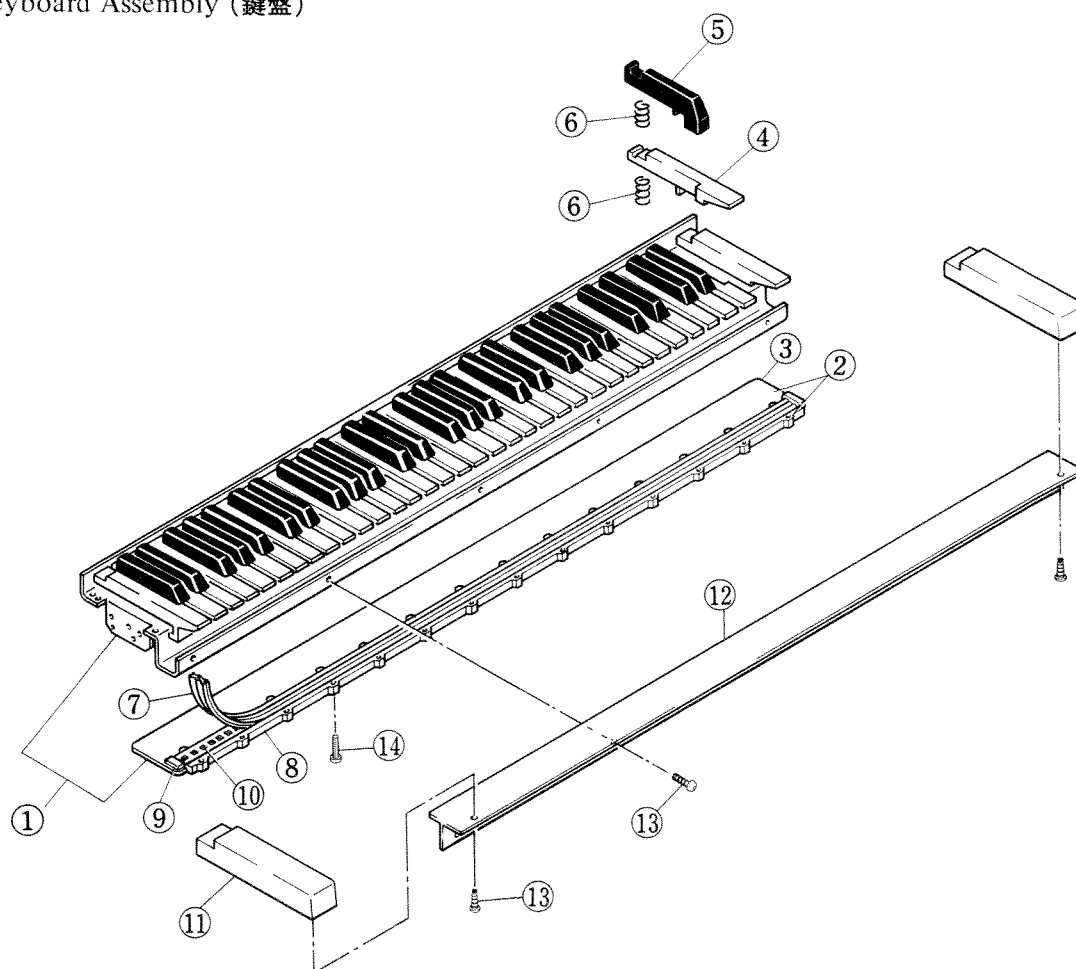


Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets
1	NA:10:77:40	Circuit Board, CPA, CPB	#2945	CPA, CPBシート		
2	NB:10:43:20	Panel Angle Assembly		パネルアングル Ass'y		
※ 3	NB:10:43:70	LED Unit		LEDユニット		
※ 4	AA:05:45:10	Holder For Speaker		スピーカー取付板		
※ 5	CA:01:37:10	Speaker Net		スピーカーネット		
6	AA:05:33:00	Angle bracket		ア ン グ ル		
7	CB:04:24:20	Music Stopper		譜面止めレール		
8	CB:81:40:60	Rubber Cap		ゴムキャップ		
※ 9	AA:05:33:10	Control Panel		コントロールパネル		
※ 10	AA:05:33:20	Circuit Board Angle (A)		シート取付アングルA		
※ 11	AA:05:33:30	— do. — (B)		” B		
12	AA:81:12:40	Hinge		蝶 番		
※ 13	CA:01:32:70	Dust Proof Cover		防塵クロス		
※ 14	CA:01:32:80	— do. —		”		
15	CB:03:30:70	Stopper		回転止め		
16	CB:81:21:30	Knob	Yellow	ツ マ ミ		
17	CB:81:21:40	— do. —	White	”		
※ 18	JA:10:51:00	Speaker		ス ピ ー カ ー		
19	KA:10:10:60	Power Switch		パワースイッチ		
※ 20	NK:90:17:10	Tablet Button	TREMOLO	タブレットボタン		
※	NK:90:17:20	— do. —	SUSTAIN	”		
※	NK:90:17:30	— do. —	PIANO 1	”		
※	NK:90:17:40	— do. —	PIANO 2	”		
※	NK:90:17:50	— do. —	HARPSICHORD 1	”		
※	NK:90:17:60	— do. —	HARPSICHORD 2	”		
※ 21	NA:10:77:60	Circuit Board, JK, DC, AC	#2960	JK, DC, ACシート		
※	NA:10:77:70	— do. — — do. —	— do. —	”		U
※	NA:10:77:80	— do. — — do. —	— do. —	”		C
※	NA:10:77:90	— do. — — do. —	— do. —	”		G
※ 22	NB:10:44:00	Power Supply Unit		電源ユニット		
※	NB:10:44:10	— do. —		”		U
※	NB:10:44:20	— do. —		”		C
※ 23	NB:10:44:30	Power Supply Unit		”		G
24	CB:06:86:30	Bush, AC Cord		コードブッシュ		
	CB:07:27:50	— do. —		”		
	CB:80:68:50	— do. —		”		
25	CB:80:12:70	Leg		ゴ ム 脚		
※ 26	GA:04:02:00	Power Transformer		電源トランス		
※	GA:04:03:00	— do. —		”		U,C
※	GA:04:04:10	— do. —		”		G
27	MG:00:06:00	AC Cord		電源コード		
	MG:00:08:60	— do. —		”		G
	MG:00:02:70	— do. —		”		C
	MG:00:07:10	— do. —		”		U
28	CB:03:97:50	Holder, Circuit Board		シートホルダー		
29	EC:33:00:50	Truss Screw	M3 x 5 BL	トラス小ネジ		
30	ED:33:00:60	Bind Head Screw	M3 x 6 BL	バインド小ネジ		
31	ED:34:00:60	— do. —	M4 x 6 BL	”		
32	ED:34:01:00	— do. —	M4 x 10 BL	”		
33	EI:33:00:60	Bind Head Tapping Screw	3 x 6 BL	バインドタッピングネジ		
34	EI:33:01:00	— do. —	3 x 10 BL	”		
35	EI:33:01:20	— do. —	3 x 12 BL	”		

※ New Parts (新規部品)

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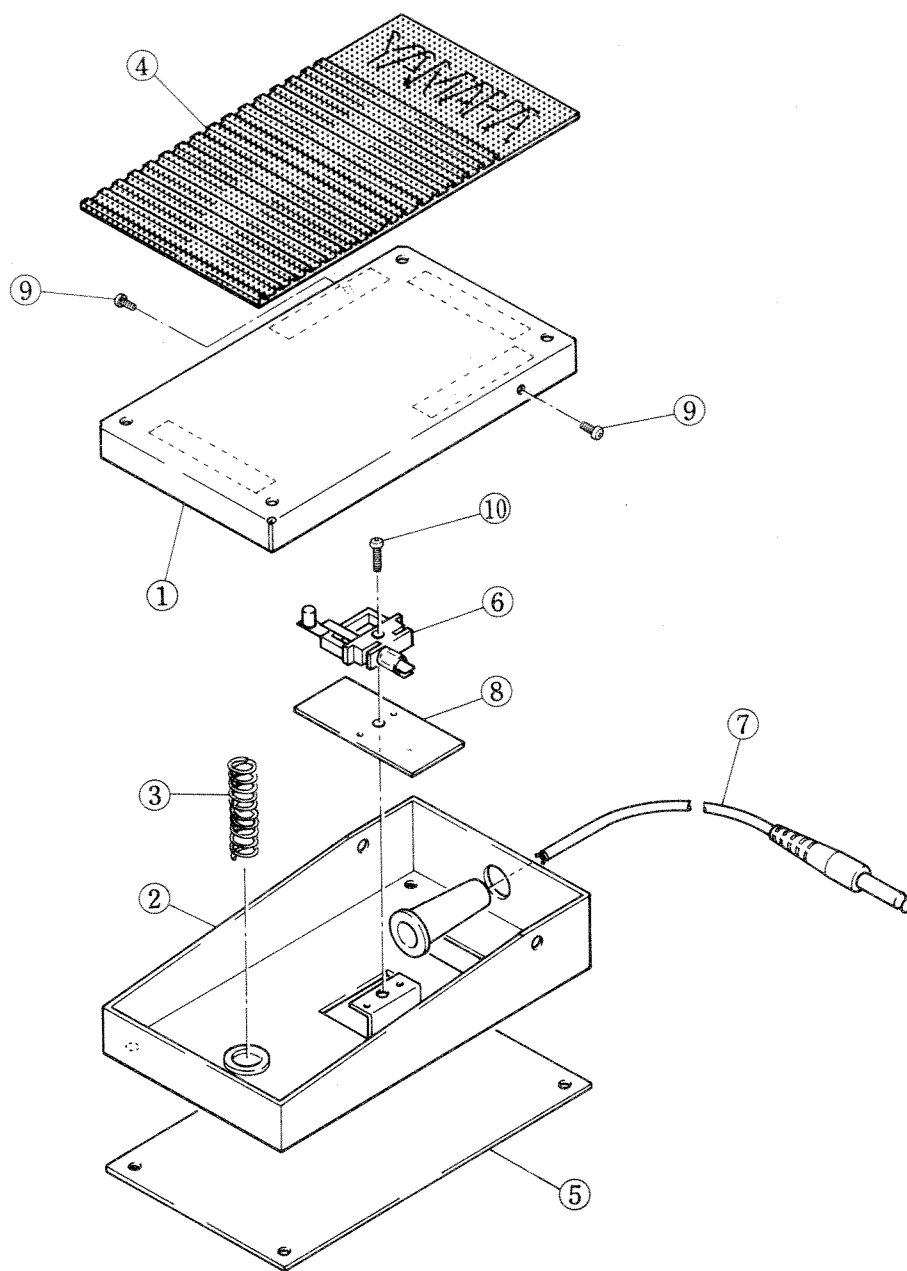
C. Keyboard Assembly (鍵盤)



Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets
1	NB:10:14:50	Keyboard Assembly	鍵 盤 Ass'y	61 key		
2	NB:10:14:60	Switch Unit	スイッチユニット			
3	NA:10:51:10	Circuit Board, MK	M K シ ー ト			
4	CB:03:22:10	White Key	白 鍵			
	CB:03:22:20	— do. —	"			
	CB:03:22:30	— do. —	"			
	CB:03:22:40	— do. —	"			
	CB:03:22:50	— do. —	"			
	CB:03:22:60	— do. —	"			
5	CB:03:22:70	Black Key	黒 鍵			
6	AA:04:37:20	Key Spring	コイルスプリング			
7	CB:03:23:30	Rubber Contact	可 動 導 電 ゴ ム			
8	CB:03:24:00	Holder	基板ホルダー (Q)			
	CB:03:24:10	— do. —	" (K)			
9	CB:03:35:40	End Plate	エンドプレート			
10	CB:03:35:70	Isolation Spacer	絶縁スペーサ (Q)			
	CB:03:35:80	— do. —	" (K)			
11	CB:81:50:10	End Block	拍 子 木			
12	CB:03:37:60	Front Rail	ロ 棒 レ ー ル			
13	E i:34:01:00	Bind Tapping Screw	4 x 10 BL	バインドタッピングネジ		
14	EZ:33:01:40	Bind Screw	M3 x 14 Ye	エバークタイトバインドネジ		

※ New Parts (新規部品)

D. Foot Switch (フットペダル) FC-5



Ref. No.	Part No.	Description	部 品 名	Remarks	Common Model	Markets
1	AA:81:28:80	Upper Case, Foot Switch	ペダル 上 蓋			
2	AA:81:28:90	Bottom Case, Foot Switch	ペダル 底 蓋			
3	AA:81:29:00	Spring	ペダル バネ			
4	CB:81:51:40	Rubber Mat, Upper	上 蓋 マット			
5	CB:81:51:50	Rubber Mat, Bottom	底 蓋 マット			
6	NB:03:71:50	Switch Assembly	スイッチアッセンブリー			
7	Mi:80:11:20	Cord With Phone Plug	プラグ付コード			
8	CA:80:04:50	Washer	ファイバーワッシャー			
9	EK:00:35:20	Pan Head Screw	段付小ネジ	Black		
10	EA:03:01:20	— do. —	ナベ小ネジ	Yellow		

* New Parts (新規部品)