### **SPECIFICATIONS**

Keyboard: C to C Manual Bass: C1 to B1 Extended Bass: C2 to B2

Voice Stops (violet tabs):

Bass 16'
Bass Clarinet 16'
Flute 8'
Oboe 8'
Trumpet 8'
Strings 8'
Flute 4'
Piccolo 4'

Mixture Stops (violet tabs):

Mixture (mixed frequencies of 5-1/3' and 2-2/3')

Mixture: Brilliant

Vibrato Stops (blue tabs):

Vibrato On/Off Slow / Fast Light / Heavy

Percussion Stops (orange tabs):

Manual Bass On/Off Treble On/Off Long / Short Mixture On/Off Mixture Soft / Sharp Sustain Stops (yellow tabs) Fast 5 Only:

Celest 8'
Clavicord 8'
Kinura 8'

Manual Bass Selector (dark-grey tab):

Bass / Treble

Pedal and Manual Bass Sound (black tab):

Soft / Sharp

Rotating General Volume Control

Swell Pedal Volume Control Mains Switch and Pilot Light Mains Voltage: 117 Volt AC

Dimensions: 37" x 17" x 36"

Weight: 62 lbs.

Metal cabinet covered with washable vinyl—plastic edges—chromed folding legs—retractable carrying handle—removable music rack—socket for headphone—socket for the connection of an optional 13-note pedalboard—carrying bag supplied with the instrument.

#### ADJUSTMENTS FAST 4 & 5

#### VR1 VIBRATO SPEED

Vibrato speed may be adjusted using a small regular screwdriver. Proper speed is between 6-7 Hertz with the Vibrato speed tabswitch set in the Fast position.

#### VR2 VOLTAGE

This adjustment is carefully set at the factory! Readjustment should not be necessary unless Power Supply components are replaced. To adjust, connect a D.C. voltmeter to supply voltage "A", then set the adjustment so that the meter reads +12 volts. Improper voltage adjustment will result in unstable tone generator operation. Always check the "A" supply voltage before servicing tone generators.

#### VR3 STABILITY

The stability adjustment is carefully set at the factory! Readjustment should not be necessary unless Power Supply components are replaced. This adjustment has a wide range of normal operation. Only extreme settings on this adjustment will result in unstable Power Supply operation.

#### VR5-VR9, VR12 & VR13 FILTERS

These adjustments are carefully set at the factory! Readjustment should not be necessary unless Filter components are replaced. To adjust a filter: First, connect an A.C. voltmeter across the speakers in the amplifier to which the organ is connected. Then, with a clip lead, ground the transistor collector lead of the filter requiring adjustment. While the filter is grounded—and using one flute tabswitch at a time -locate a group of dead keys on the keyboard and hold down one key at or near the center of this group. Next, while holding the note, remove the clip lead from the filter transistor. Now with the note playing, adjust the A.C. meter range so that the meter needle reads near center scale. (Use any meter range and organ volume combination that is convenient.) With the note still playing, set the filter adjustment to a point that gives the maximum increase in A.C. voltage.

#### VR10, VR11 PERCUSSION LENGTH & ATTACK

These two adjustments affect each other. Adjustment of either one changes the other. Proper adjustment is achieved when the percussion functions with the least key pop and with a distinct difference in percussion length between short and long percussion tabswitch settings. Extreme adjustment of either length or attack will result in **no percussion**. Always try adjusting percussion before servicing the percussion circuits.

#### L1 TUNING

The 12 Tone Generator Master Oscillator circuits determine the pitch of the entire organ. Adjusting any one of the Master Oscillator tuning adjustments will tune all the notes of that tone generator. Tuning any group of 12 notes automatically tunes the entire organ.

Tuning may be accomplished by using a small nonconductive screwdriver and one of the following methods:

- Set of 12 Tuning Forks: Zero beat the note of the organ to be tuned to the sound of the corresponding tuning fork. This is a highly accurate method for tuning.
- 2. Strobo Conn or Strobo Tuner: This is done by visual observation of a strob pattern. Simply follow directions supplied with the Strobotuner. This is a highly accurate tuning method.
- 3. Another instrument: Zero beat the note of the organ to be tuned to the sound of a corresponding note on an "in tune" instrument (piano, organ, accordion, etc.) Accuracy is dependent upon the tuning of the other instruments. This method is especially desirable when the other instrument is to be played with the organ.
- 4. One Tuning Fork: One tuning fork is used to set the "temperment" (one note). The other 11 notes are set by ear using the number of beats between "4ths" and "5ths". This requires a trained ear. Accuracy is dependent upon the tuner.

# TRANSISTOR VOLTAGES

Q No.	Circuit	Collector	Emitter	Base
Q1	Master Oscillator	+2.2	+12	+12
$\widetilde{Q}_2$	1st Divider	+5.5	+1	+1.2
Q3	1st Divider	+5.5	+1	+1.2
Q4	2nd Divider	+5.5	+1	+1.2
Q <sub>5</sub>	2nd Divider	+5.5	+1	+1.2
Q6	3rd Divider	+5.5	+1	+1.2
Q7	3rd Divider	+5.5	+1	+1.2
Q8	4th Divider	+5.5	+1	+1.2
Q9	4th Divider	+5.5	+1	+1.2
Q10	5th Divider	+5.5	+1	+1.2
Q11	5th Divider	+5.5	+1	+1.2
Q12	Vibrato Oscillator	+5.2*	+2.6	+2.8
Q13	Emitter Follower	+12	+4.5*	+1.8*
Q14	Voltage Sensor	<del>1</del> 2	+5.6	+5
Q15	Voltage Regulator	$\phi$	12	12
Q16	Voltage Regulator	φ	—12	12
Q17	16' Solo Divider	+10/+5.5	+1	+1.8/+1.3
Q18	16' Solo Divider	+1.2/+5.5	+1	+.9/+1.3
Q19	Pedal Solo Divider	+1/+5.5	+1	+1.8/+1.3
Q20	Pedal Solo Divider	+10/+5.5	+1	+.9/+1.3
Q21	Bass Preamp	+5.5	+.8	<u>+1</u>
Q22	3320 Cycles Flute Filter	+5.5	+.8	+1
Q23	1660 Cycles Flute Filter	+5.5	+.8	+1
Q24	830 Cycles Flute Filter	+5.5	+.8	+1
Q25	415 Cycles Flute Filter	+5.5	+.8	+1
Q26	207 Cycles Flute Filter	+5.5	+.8	+1
Q27	String Preamp	+3.6	+1.1	+1.2
Q27	String Preamp	+5.8	+.6	+1
Q28	Trumpet Filter	+6	+.6	+1
Q29	Oboe Filter	+5.8	+.6	+1
Q30	Treble Preamp	+5.6	+.6	+1
Q31	Percussion Pulse Detector	+.8	+.5	+1.2
Q32	1 Shot Multivibrator	+.1	φ	+.3
Q33	1 Shot Multivibrator	+11.2	φ	+.1
Q34	Percussion Driver	φ	+9.5	+10
Q35	Percussion Keyer	+11.5	+11.5	φ
Q36	Percussion Preamp	+6	+.7	+1.2
Q37	Output Preamp	+9	+3	+3.3
Q38	Celest Filter #1	+5.8	+.6	+1
Q39	Celest Filter #2	+5.8	+.6	+1
Q40	Sustain Voice Preamp #1	+5.8	+.6	+1
Q41	Sustain Preamp #2	+6	+.6	+1
Q42	16' Solo Preamp	+12/+5.5	φ	$\phi / + .6$
Q42 Q43	Muter Preamp #1	+5.6	+.6	+1
Q43 Q44	Muter Preamp #2	+9	+6.2	+5.6
Q45	Muter Driver	+6.5	φ	φ
Q46	Muter	φ	φ	+.5

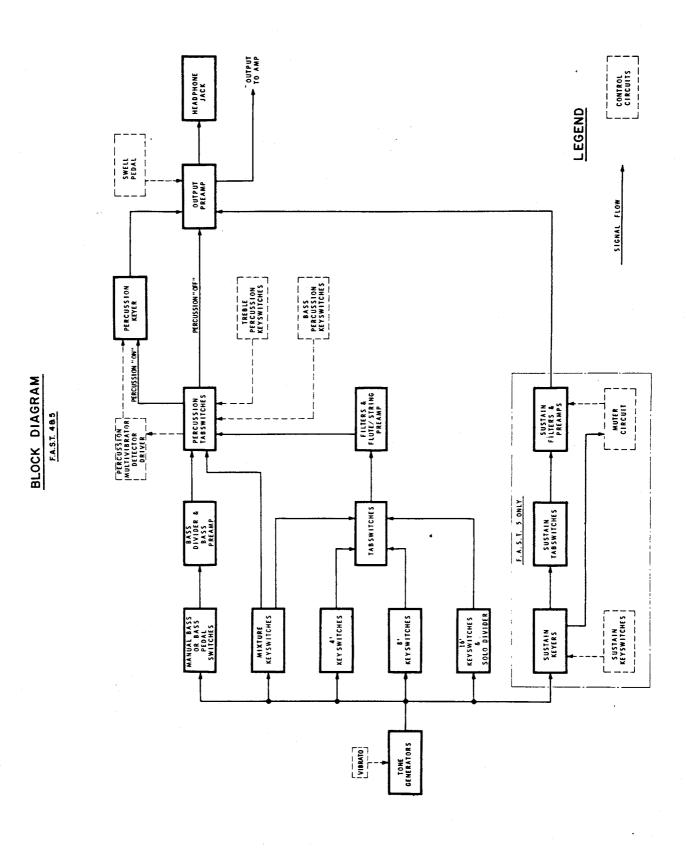
\*Pulse Voltage

### **IMPORTANT**

The above voltage readings were measured to ground with a Simpson Model 260 V.O.M. Voltage readings shown are intended only as a guide in troubleshooting. Voltages will vary from organ to organ due to normal manufacturing tolerances.

### **CAUTION**

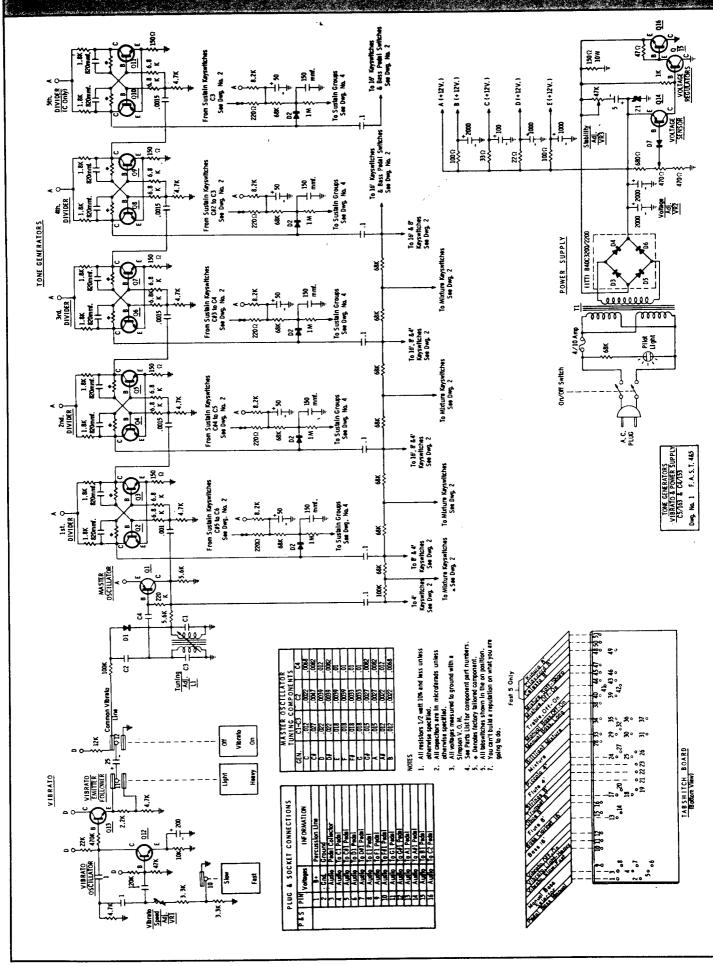
Exercise extreme care when making voltage measurements. Accidental shorting of transistor leads may damage the transistor.

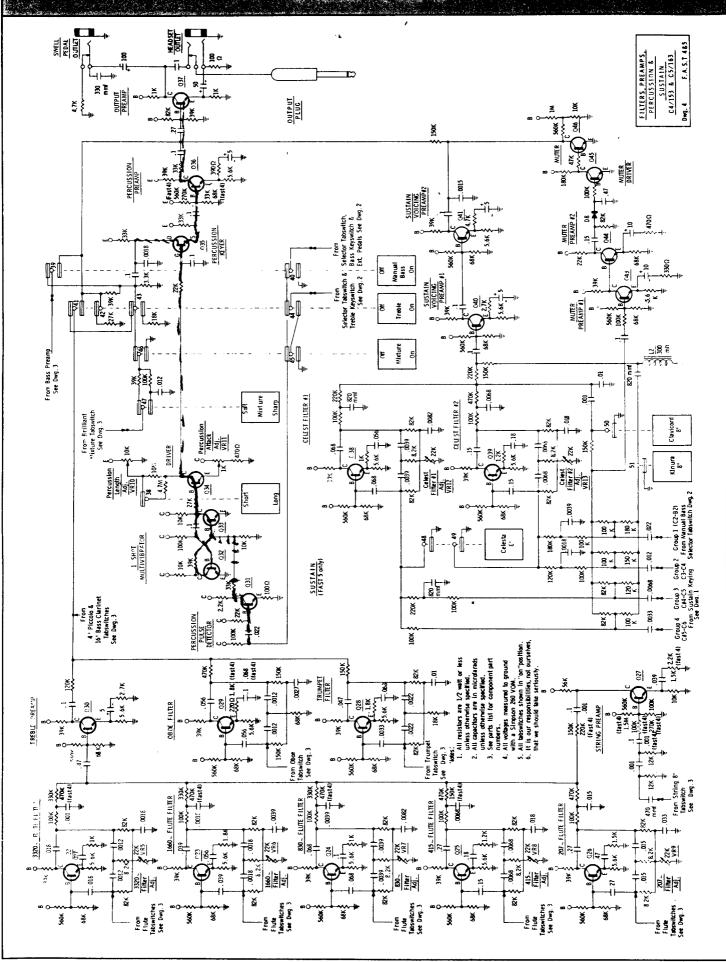


D

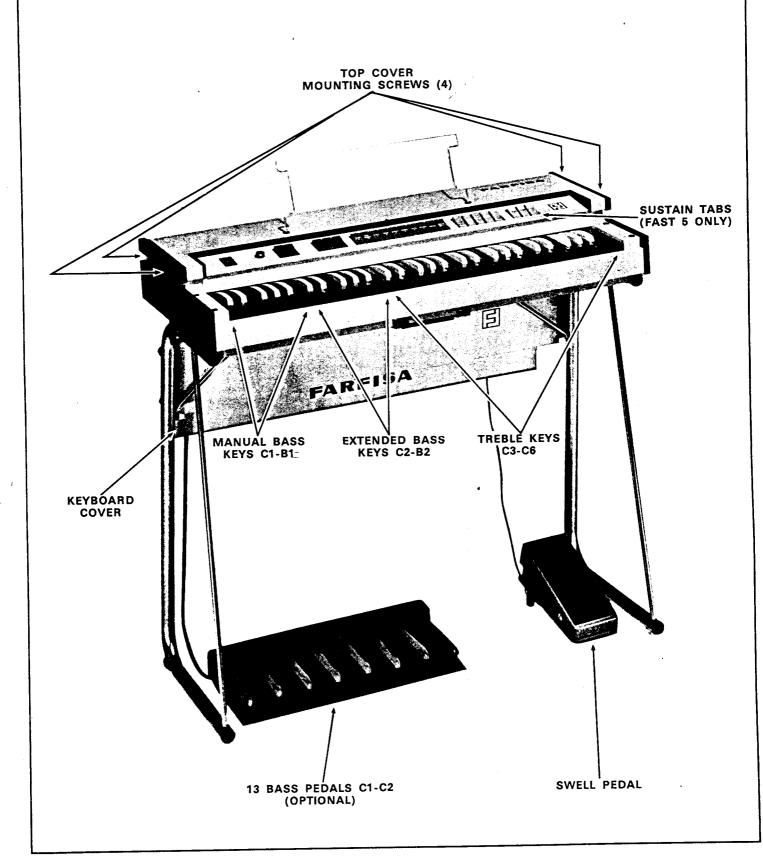
D

).





# FRONT VIEW FAST 4 & 5



	사이지 그는 이 하는 이 이 사이지를 가득했습니다. 그 그 그 그 그 그 그 이야기가 있는 그는 그 사람들이 사용하는 것이다.		
ART	DESCRIPTION	SCHEMATIC REFERENCE	PART NUMBER
ELEST FI	LTER BOARD (FAST 5 ONLY)		
			000 040040
Assembly Potentiometer Transistor	Celest Filter Board (PA-105)	VR12, 13 Q38, 39	996-013043 925-011329 991-013044
CONSOLE	ASSEMBLY		
Cord	A.C. Power		989-011268
Lora Handle	Cabinet (Fast 4)		930-013024-
Handle	Cabinet (Fast 5)		930-013024-
ack	Headphone	• • • • • • • • • • • • • • • • • • • •	906-013038
ack	Swell Pedal		906-013039 915-011324
Knob	Bass Volume (Gray/Silver Cap)		939-013040
Light	Pilot		906-013041
Socket	Bass Pedals		960-013042
Switch	Off/On Power		
Assembly Potentiometer Transistor	Flute Filter Board (PA-97)	VR7-9 Q24-26	996-013046 925-011329 991-013044
	Flute Filter Board (PA-97)	VR7-9	925-011329
Potentiometer Transistor	22K Flute Filter Adj	VR7-9	925-011329
Potentiometer Transistor KEYSWITC	22K Flute Filter Adj Filter (BC 114)	VR7-9	925-011329
Potentiometer Transistor KEYSWITC Actuator	22K Flute Filter Adj  Filter (BC 114)  CH ASSEMBLY  Keyswitch (White Plastic)	VR7-9	925-011329 991-013044 964-013049
Potentiometer Transistor KEYSWITC Actuator Key	22K Flute Filter Adj  Filter (BC 114)  CH ASSEMBLY  Keyswitch (White Plastic)  C Natural Black (Bass)	VR7-9	925-011329 991-013044 964-013049 964-013038 964-013038
Potentiometer Transistor KEYSWITC Actuator Key Key	22K Flute Filter Adj  Filter (BC 114)  CH ASSEMBLY  Keyswitch (White Plastic)  C Natural Black (Bass)  D Natural Black (Bass)	VR7-9	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038
Potentiometer Transistor KEYSWITC Actuator Key Key Key	22K Flute Filter Adj  Filter (BC 114)  CH ASSEMBLY  Keyswitch (White Plastic)  C Natural Black (Bass)  D Natural Black (Bass)  E Natural Black (Bass)	VR7-9	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038
Potentiometer Transistor  KEYSWITC  Actuator  Key  Key  Key  Key  Key  Key	22K Flute Filter Adj  Filter (BC 114)  CH ASSEMBLY  Keyswitch (White Plastic)  C Natural Black (Bass)  D Natural Black (Bass)  E Natural Black (Bass)  F Natural Black (Bass)  G Natural Black (Bass)  G Natural Black (Bass)	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038
Potentiometer Transistor  KEYSWITC  Actuator  Key  Key  Key  Key  Key  Key  Key	22K Flute Filter Adj  Filter (BC 114)  CH ASSEMBLY  Keyswitch (White Plastic)  C Natural Black (Bass)  D Natural Black (Bass)  E Natural Black (Bass)  F Natural Black (Bass)  G Natural Black (Bass)  A Natural Black (Bass)  A Natural Black (Bass)	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013038
Potentiometer Transistor  KEYSWITC  Actuator  Key  Key  Key  Key	22K Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013038
Potentiometer Transistor  KEYSWITC  Actuator Key	22K Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013038 964-013038 964-013038 964-013038 964-013038 964-013038
Potentiometer Transistor  KEYSWITC  Actuator Key	22K Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027
Potentiometer Transistor  KEYSWITC  Actuator Key	22K Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027
Potentiometer Fransistor  KEYSWITC  Actuator Key	22K Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027 964-013027 964-013027
Potentiometer Transistor  KEYSWITC  Actuator Key	22K Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027 964-013027 964-013027 964-013027 964-013027
Potentiometer Fransistor  KEYSWITC  Actuator  Key  Key  Key  Key  Key  Key  Key  Ke	22K Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027 964-013027 964-013027 964-013027 964-013027 964-013027
Potentiometer Transistor  KEYSWITC  Actuator Key	22K Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027 964-013027 964-013027 964-013027 964-013027 964-013027
Potentiometer Transistor  KEYSWITC  Actuator Key	22K Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027 964-013027 964-013027 964-013027 964-013027 964-013028 964-013028
Potentiometer Transistor  KEYSWITC  Actuator Key	22K Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027 964-013027 964-013027 964-013027 964-013027 964-013028 964-013028
Potentiometer Transistor  KEYSWITC  Actuator Key	EH ASSEMBLY  Keyswitch (White Plastic) C Natural Black (Bass) D Natural Black (Bass) E Natural Black (Bass) F Natural Black (Bass) G Natural Black (Bass) G Natural Black (Bass) A Natural Black (Bass) B Natural Black (Bass) C Natural Black (Bass) C Natural Dark Gray (Bass/Treble) D Natural Dark Gray (Bass/Treble) E Natural Dark Gray (Bass/Treble) F Natural Dark Gray (Bass/Treble) G Natural Dark Gray (Bass/Treble) F Natural Dark Gray (Bass/Treble) G Natural Dark Gray (Bass/Treble) A Natural Dark Gray (Bass/Treble) C Natural Gray (Treble) B Natural Gray (Treble) C Natural Gray (Treble) E Natural Gray (Treble) F Natural Gray (Treble)	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027 964-013027 964-013027 964-013027 964-013028 964-013028 964-013028
Potentiometer Transistor  KEYSWITC  Actuator Key	ZH Flute Filter Adj	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027 964-013027 964-013027 964-013027 964-013028 964-013028 964-013028
Potentiometer Transistor  KEYSWITC  Actuator Key	EH ASSEMBLY  Keyswitch (White Plastic) C Natural Black (Bass) D Natural Black (Bass) E Natural Black (Bass) F Natural Black (Bass) G Natural Black (Bass) G Natural Black (Bass) A Natural Black (Bass) B Natural Black (Bass) C Natural Black (Bass) D Natural Dark Gray (Bass/Treble) D Natural Dark Gray (Bass/Treble) E Natural Dark Gray (Bass/Treble) F Natural Dark Gray (Bass/Treble) G Natural Dark Gray (Bass/Treble) F Natural Dark Gray (Bass/Treble) G Natural Dark Gray (Bass/Treble) C Natural Dark Gray (Bass/Treble) B Natural Dark Gray (Bass/Treble) C Natural Gray (Treble) B Natural Gray (Treble) C Natural Gray (Treble) F Natural Gray (Treble) F Natural Gray (Treble) G Natural Gray (Treble) G Natural Gray (Treble) A Natural Gray (Treble)	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027 964-013027 964-013027 964-013028 964-013028 964-013028 964-013028 964-013028
Potentiometer Transistor  KEYSWITC  Actuator Key	EH ASSEMBLY  Keyswitch (White Plastic) C Natural Black (Bass) D Natural Black (Bass) E Natural Black (Bass) F Natural Black (Bass) G Natural Black (Bass) G Natural Black (Bass) A Natural Black (Bass) B Natural Black (Bass) C Natural Black (Bass) C Natural Dark Gray (Bass/Treble) D Natural Dark Gray (Bass/Treble) E Natural Dark Gray (Bass/Treble) F Natural Dark Gray (Bass/Treble) G Natural Dark Gray (Bass/Treble) F Natural Dark Gray (Bass/Treble) G Natural Dark Gray (Bass/Treble) C Natural Dark Gray (Bass/Treble) B Natural Dark Gray (Bass/Treble) C Natural Gray (Treble) B Natural Gray (Treble) C Natural Gray (Treble) F Natural Gray (Treble) F Natural Gray (Treble) G Natural Gray (Treble) A Natural Gray (Treble) B Natural Gray (Treble) B Natural Gray (Treble)	VR7-9 Q24-26	925-011329 991-013044 964-013049 964-013038 964-013038 964-013038 964-013038 964-013027 964-013027 964-013027 964-013027 964-013027 964-013028 964-013028 964-013028 964-013028 964-013028
Potentiometer Transistor  KEYSWITC  Actuator Key	EH ASSEMBLY  Keyswitch (White Plastic) C Natural Black (Bass) D Natural Black (Bass) E Natural Black (Bass) F Natural Black (Bass) G Natural Black (Bass) G Natural Black (Bass) A Natural Black (Bass) B Natural Black (Bass) C Natural Black (Bass) D Natural Dark Gray (Bass/Treble) D Natural Dark Gray (Bass/Treble) E Natural Dark Gray (Bass/Treble) F Natural Dark Gray (Bass/Treble) G Natural Dark Gray (Bass/Treble) F Natural Dark Gray (Bass/Treble) G Natural Dark Gray (Bass/Treble) C Natural Dark Gray (Bass/Treble) B Natural Dark Gray (Bass/Treble) C Natural Gray (Treble) B Natural Gray (Treble) C Natural Gray (Treble) F Natural Gray (Treble) F Natural Gray (Treble) G Natural Gray (Treble) G Natural Gray (Treble) A Natural Gray (Treble)	VR7-9 Q24-26	925-011329 991-013044

4		Brown Carlotte Brown Brown Brown Brown Brown				
			SCHEMATIC	PART		
	PART	DESCRIPTION	REFERENCE	NUMBER :		
	NAUTE ROAF	RD /FAST 5 ONLY)				
	MUTE BOARD (FAST 5 ONLY)					
	Assembly	Muter Board (PA-113)		996-013052		
	Capacitor	Electrolytic 10 UF 12V		996-011203-29		
	Capacitor	Electrolytic 1000 UF 15V		945-011203-30 945-011203-31		
	Capacitor	Electrolytic 2000 UF 20V		919-013053		
	Diode	Keying (X981)	Q43-46	991-011219		
	Transistor	Preamps, #1, #2, Driver & Muter (BC 113)				
	OROF & TR	UMPET FILTER BOARD				
	Assembly	Oboe & Trumpet Filter Board (PA-99)		996-013048		
	Capacitor	Electrolytic 1 UF 250V		945-011203-28		
	Capacitor	Electrolytic 50 UF 12V		945-011203-8		
	Capacitor	Electrolytic 100 UF 12V		945-011203-10		
	Transistor	Filter & Output (BC 114)	Q28, 29, 37	991-013044		
	250110010	N BOARD				
	PERCUSSIO	N BUANU				
	Assembly	Percussion Board (PA-100)		996-013054		
	Capacitor	Electrolytic 5 UF 12V		945-011203-27		
	Capacitor	Electrolytic 100 UF 15V		945-011203-33		
	Capacitor	Electrolytic 1000 UF 25V		945-011203-18		
	Potentiometer	10K Percussion Length Adj	VR10	925-011231		
	Potentiometer	1K Percussion Attack Adj	VR11	925-011232		
	Transistor	Multi & Pulse Detector (1W9787)	Q31-33	991-011318		
	Transistor	Driver (1W9810/1)	Q34	991-011319		
	Transistor	Keyer (PAC 26)	Q35	991-013055		
	Transistor	Percussion Preamp (BC 114)	Q36	991-013044		
	POWER SU	PPLY				
	Assembly	Rectifier Board (PA-102)		996-013056		
	Assembly	Regulator Board (PA-103)		996-013057		
	Capacitor	Electrolytic 5 UF 35V	••••••	945-011203-34 945-011203-35		
	Capacitor	Electrolytic 2000 UF 15V	• • • • • • • • • • • • • • • • • • •	945-011203-35		
	Capacitor	Electrolytic 2000 UF 45V	D7	919-011215		
	Diode	Keying	Z1	919-013058		
	Diode	Rectifier (Semikron B40 C2200/3500)	D3-6	919-013061		
	Diode Fuse	4/10 Amp		939-013065		
	ruse Holder	Fuse		906-006303		
	Potentiometer	470 Ohm Voltage Adj	VR2	925-013059		
	Potentiometer	47K Stability Adj	VR3	925-013060		
	Resistor	150 Ohm 10W (Neoohm 737)		924-013062		
	Transistor	Voltage Sensor (1W9640)	Q14	991-011225		
	Transistor	Voltage Regulator (BC 113)	Q15	991-011219		
	Transistor	Voltage Regulator (RCA 2N5036)	Q16	991-013063		
	Transformer	Power (T-1045)	T1	954-013064		
	PREAMP &	FILTER BOARD				
	•			006 04 00 45		
	Assembly	Preamp & Filter Board (PA-98)		996-013047		
	Capacitor	Electrolytic 5 UF 12V	VDE 6	945-011203-27 925-011329		
	Potentiometer	22K Flute Filter AdjFilter (BC 114)	VR5, 6	991-013044		
	Transistor	rmer (BU 114)	Qua, 20, 21, 00			

		SCHEMATIC	PART
PART	DESCRIPTION	REFERENCE	NUMBER
Potentiometer	Vibrato Speed Adj (22K)Vib. Osc., 16' & Pedal Solo Divider	VR1	925-011329
Transistor	(1W9787)	Q12, 17-20	🖟 991-011318 🐰
Transistor	Vibrato Emitter Follower (BC 113)	Q13	
Transistor Transistor	Bass Preamp (BC 114)	Q21	
Transistor	Driver (1W9787) Fast 5 Only	Q42	991-011318
VOLTAGE	FILTER BOARD (FAST 4 ONLY)		일 - 꽃은 일본 :
Assembly	D. C. Voltage Filter Board (PA-101)		996-013045
Capacitor	Electrolytic 1000 UF 25V		945-011203-18
Capacitor	Electrolytic 2000 UF 15V		945-011203-26
Capacitor			
	(보통) - 보통 하는 사람이 되는 사람들은 <u>하는 사람들은 기술</u>		

### **PROFESSIONAL**

### AMPLIFIER & PERCUSSION BOARD

A 1-1	Amplifier & Percussion Board (PA-110)		996-013069
Assembly Diode	Keying (1818)	D9, 10	919-013059
Diode Diode	Keying (1728)	D12, 13	919-013060
Diode	Keying (9803)	D7, 8, 11	919-013082
Capacitor	Electrolytic 10 UF 12V		945-011203-29
	Electrolytic 25 UF 12V		945-011203-39
Capacitor Capacitor	Electrolytic 25 UF 25V		945-011203-25
Capacitor	Electrolytic 50 UF 25V		945-011203-9
Capacitor	Electrolytic 100 UF 12V		945-011203-10
Capacitor	Electrolytic 500 UF 6V		945-011203-40
Capacitor	Electrolytic 1000 UF 12V		945-011203-21
Capacitor	Electrolytic 2000 UF 15V		945-011203-26
Potentiomete		VR14	925-013083
Potentiomete		VR15	925-011232
Potentiomete	-1 - 1 1 4 11	VR16	925-013059
Transistor	16' Solo Divider (1W1632)	Q14, 15	991-013056
Transistor	Percussion Multi, Preamp & Driver (1W9787)	Q31, 32, 36, 44	991-011318
Transistor	Percussion Driver & Output (1W9810)	Q33, 45	991-011319
Transistor	Percussion Modulator & Squelch Keyer (E103)	Q34, 41	991-013055
Transistor	Percussion Preamp & Output (BC114)	Q35, 46	991-013044
Transistor	Amplifier Input Preamp (BC109B)	Q42	991-013057
Transistor	Squelch Gate (1W9640)	Q43	991-013058
1101313101	Equation Gate (1110020) 1111111111111111111111111111111	•	

## **CONSOLE ASSEMBLY**

	•		
Cord	Output (with plug)		989-013092
Cord	A. C. Power		989-011268
	Organ Top		930-013089
Cover	Organ Top		939-013065
Fuse	4/10 Amp (Slo-Blo)		930-013024-4
Handle	Cabinet		906-006303
Holder	Fuse		• • • • • • • • •
Jack	Headphone		906-013038
Tack	Swell Pedal		906-013039
Light	Pilot		939-013062
Potentiometer	Level Adjustment	VR17	925-013063
	Off/On Power		960-013064
Switch	Off/On Power		