REV		BY	Date	CHK
A	Released CSR4	JG	3/1/93	
B	EC 963	MH	4/22/93	
C	EC 1019	AA	8/11/93	
D	EC 1092	MH	12/10/93	
E	EC 1493	BZ	9/20/95	
F	EC 1907	SM	5/17/97	

INPUTS

JK1 JK2

R11 10k R12 10k R13 1Meg R45 2.2 Meg R46 2.2 Meg R47 100k R40 220k

C19 .047 C2 .1 C18 .1

12AX7 V1a V1b

R1 500k R44 100k

C37 2.2/ 35V R14 1.5k

DWELL

C1 .0022 R16 100k 1 w

C3 100/ 100V R69 5 W 330

T3 047605 RD GN BK BL

J11 J10 064063 REVERB PAN J3 J4

6V6GTA V3

R70 470 1 w R401 470 1 w C401 4.7u/ 450V

Y

(VOLUME)

R43 100k 1 w C15 .1 R4b 500k

12AX7 V2a

R37 6.8k R41 1.5k C41 22/ 35V

R73 220k R42 470k

JK5 Footswitch Jack

R57 10k SW1 FAT

MIX R2 250k 250pf C16 TONE R3 50k C17 .01

SEND JK3

RETURN JK4

R19 100k 1 w C5 .22 C6 .0068 VOLUME R4a 500k

12AX7 V4a

R18 1Meg C4 22uf 35V R17 22k R20 1.5k R21 470k R15 470k

R22 100k 1 w C7 150pf R24 100k C8 .047 R6 250k C9 .022uf R7 25k MID

12AX7 V4b

R23 1.5k .47uf 100V C10

TREBLE BASS

R68 100k

C11 .01 R29 91k 1 w C13 .047

12AX7 V5b

R25 1Meg R26 39k R27 620 R28 1Meg R31 220k Bias R32 220k

C12 .1 V5a C14 .047

12AX7

R30 100k 1 w

V8 6L6GC R34 1.5k R35 470 1 w CR7

V7 6L6GC R33 1.5k R36 470 1 w CR8

Z

036485 BN GN BK BL RD B+

T2

JK7 Main Speaker out

JK6 Ext Speaker

R58 2.2M

C38 .01 C39 .01 C27 .022uf R48 220k

V6b V6a 12AX7

220 pf C36 .022uf C26

R51 1Meg R52 1Meg R54 270k C23 10/ 100V SPEED R53 270k 5meg R55 2.7k C24 22/ 35V R56 100k C25 22/ 35V

R49 100k 10 Meg R50 5Meg R9 INTENSITY

SW3 Black Earth GND White FUSE F1

TH1

M2

SEE CHART

BIAS ADJUST

PUR BK/RD BRN RED BK/GN RD/YL BK/YL RED GRN WHT WT/BK BLK GRN 047777

C21 100/ 100V CR5 C22 100/ 100V CR6 R10 10k R61 15k

Bias -46 VDC Brown C28 10/ 100V

CR1-4 800V1A

B+ Red 465 VDC C29 220/ 300V CR9 C30 220/ 300V

232 VDC Y Yellow C40 100/ 350V

464 VDC Z Orange L1 036486 C31 47/ 500V R66 1.2k 2w 47/ 500V C33

392 VDC X Blue R67 10k 2w C35 47/ 500V

STANDBY SW2 Green

LA1 R63 100 TO FILAMENTS R62 100

Connection chart for all Mains voltages

Connect		100V	120V	230V	240V
M2	To	WHT 5	BLK 7	WT/BK 6	BLK 7
BK/RD 2	To	BK/YL 4	BK/YL 4	None	None
BK/GN 3	To	BLK 7	BLK 7	BK/YL 4	BK/YL 4

All Voltages measured with respect to ground
Line voltage at 120V, 50/60 Hz, 1 percent line distortion or less
All capacitors in microfarads, 400V minimum unless otherwise noted
All resistors in Ohms, 1/2 watt unless otherwise noted
Bias set to -46VDC
Fuse F1 is T3A250V in 100-120V units, T1.6A250V in 230-240V units
Diodes CR1-CR4 and CR9 are 1N5062, CR7-8 are R3000, Diodes CR5-6 are 1N4003

ENGINEER ZINKY	FENDER MUSICAL INSTRUMENTS CORP AMP CUSTOM SHOP SCOTTSDALE, AZ 85258
DRAWN ZINKY	
DATE 9/20/95	
CHECK	TITLE: Vibro-King
DATE 5-30-97	
APPROVED	PART/DRAWING NUMBER: D 041253 — REV: F
DATE 5-30-97	

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7975 N. Hayden rd C100 Scottsdale, AZ 85258 Thank you, thank you very much.