

SERVICE MANUAL

VOX AC4TVH

TABLE OF CONTENTS

ASSEMBLY SKETCH : 2-3

SCHEMATIC DIAGRAM: 4

PARTS LIST: 5

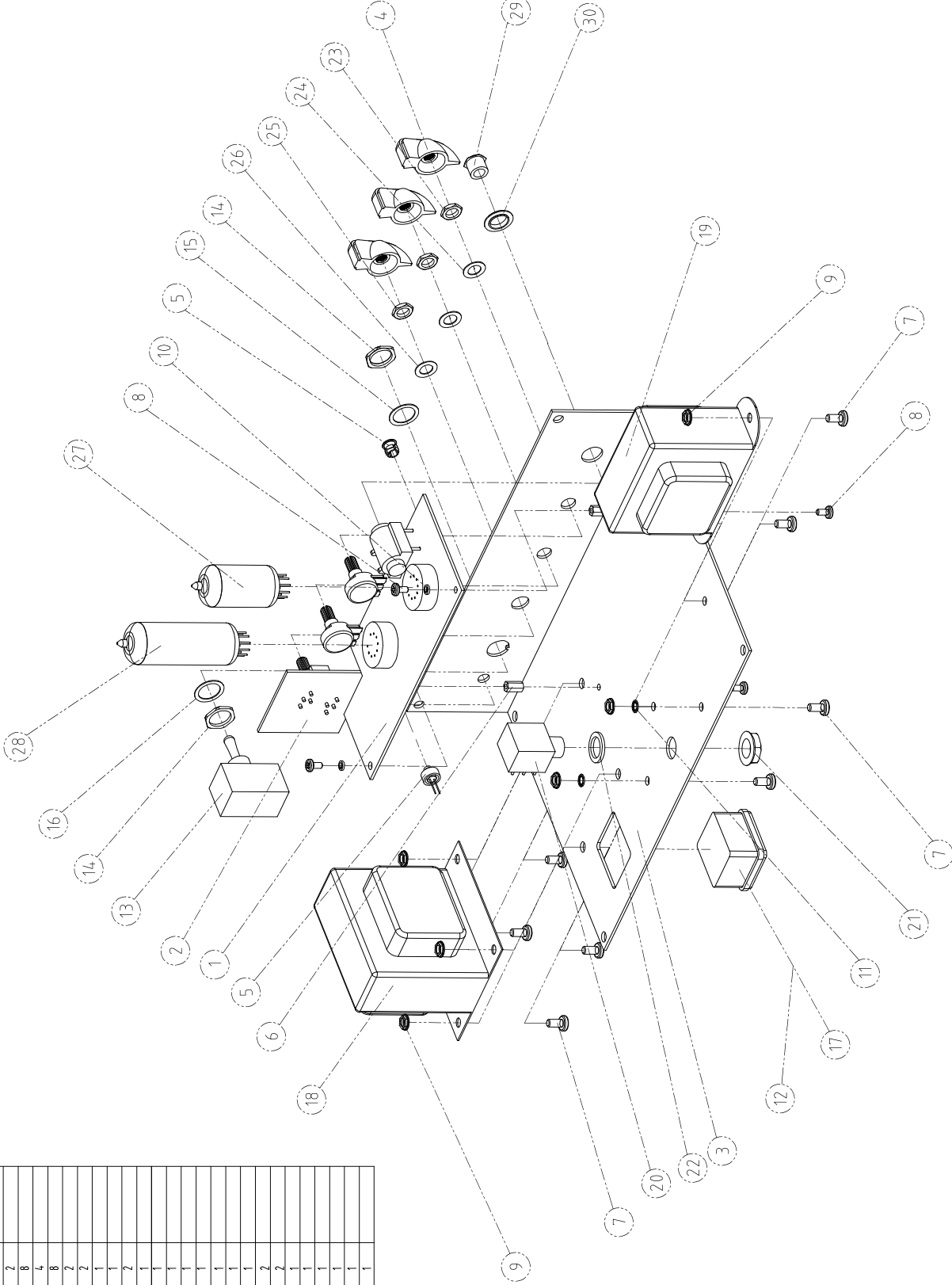


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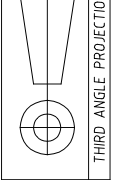
Ver.1.0

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NO	DESCRIPTION	SPECIFICATION	Q.TY
1	MAIN PCB ASSY	AC4TV10	1
2	ROTARY VOLUME PCB ASSY	AC4TV10	1
3	MAIN CHASSIS	ECI 16T BLACK SPRAY	1
4	KNOB	ABS (CHICKEN HEAD)	3
5	LED BUSHING	Ø5	1
6	PCB SUPPORT	METAL, M3X9mm	2
7	SCREW	MBS 4X10 BK	8
8	SCREW	MBS 3X6 BK	4
9	FRANGE NUT	M4 NI	8
10	SPRING WASHER	Ø3 NI	2
11	INTERNAL TOOTH WASHER	Ø4 NI	2
12	FUSE		1
13	POWER SWITCH	RT3-5A2-01-HPR	1
14	POWER SWITCH NUT	M2 NI	2
15	POWER SWITCH WASHER	M2 NI	1
16	POWER SWITCH WASHER	SPRING, M2 NI	1
17	INLET	SC-8F-21	1
18	POWER TRANS		1
19	OUTPUT TRANS	066-AC4 OPT	1
20	MONO JACK	EPJ-BNB-P12.5	1
21	JACK NUT	ABS BK	1
22	JACK WASHER	FIVER WASHER, RED	1
23	VOLUME NUT	M7 NI	2
24	VOLUME WASHER	M7 NI	2
25	ROTARY SWITCH NUT	M9 NI	1
26	ROTARY SWITCH WASHER	M9 NI	1
27	VACUUM TUBE	12AX7EH	1
28	VACUUM TUBE	EL84	1
29	JACK NUT	CR(BP J)	1
30	JACK WASHER	ABS BK(BP J)	1

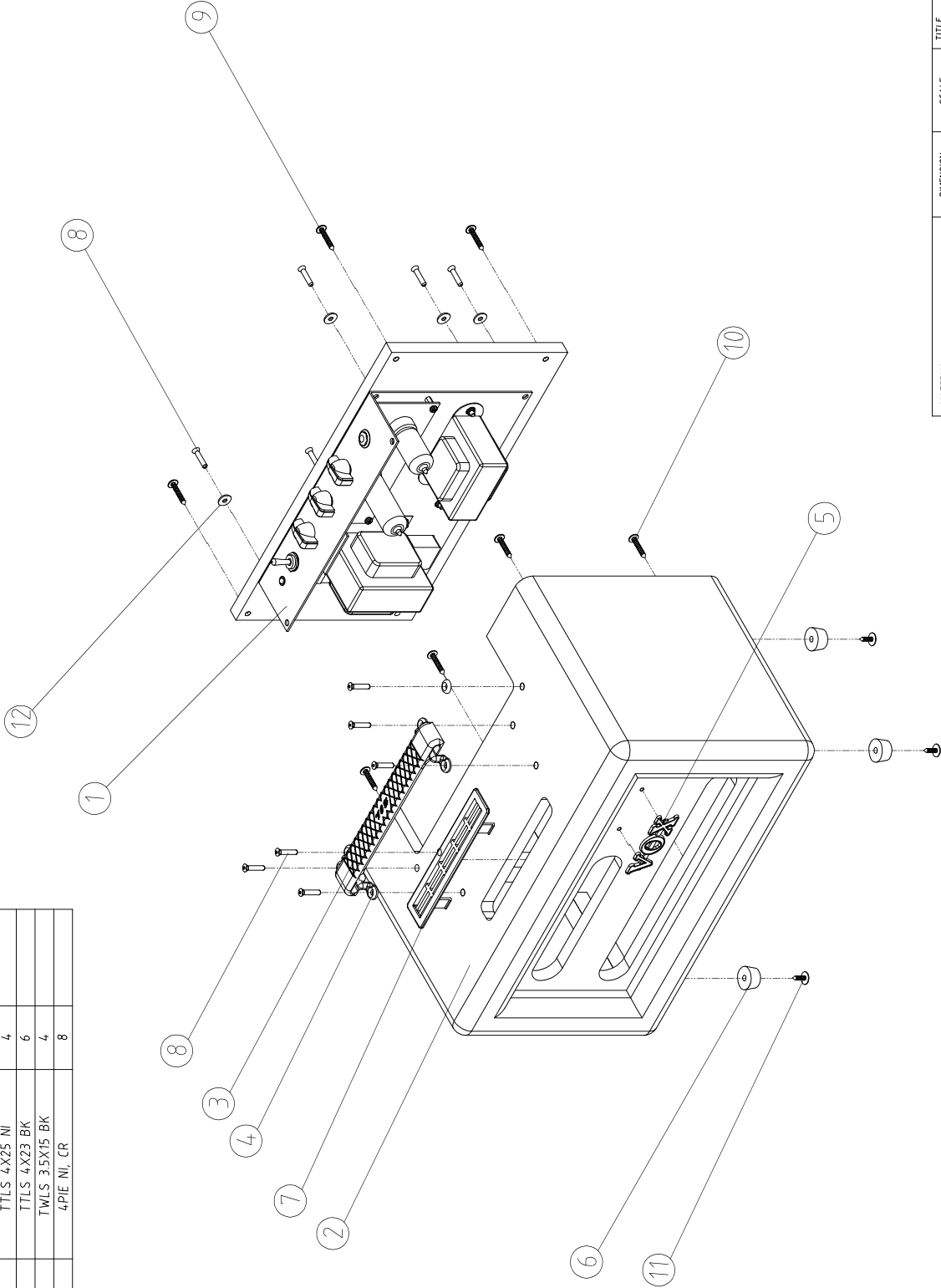


MATERIAL	DIMENSION	SCALE	TITLE	SHEET	
THICKNESS	mm	N/S	CHASSIS ASSY	10F	
FINISH	MODEL	AC4TV10	DWG NO.	VEL	
TOLERANCE UNLESS NOTE	DRAWN	DATE	ASSY0241-01	A	
	DIMENSIONAL	S.T. DH			2008.09.03
	HOLE CENTERS	±			
	DIAMETERS	±			
	ANGULAR	±			
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THIRD ANGLE PROJECTION

NO	DESCRIPTION	SPECIFICATION	Q'TY	TORQUE SPEC
1	CHASSIS ASSY	AC4TV10	1	
2	CABINET ASSY	AC4TV HEAD	1	
3	HANDLE	PVC (BLACK)	1	
4	HANDLE EDGE	ZN DIECASTING Cr	2	
5	BRAND MARK	VOX(SMALL) GOLD	1	
6	RUBBER FOOT	SBR SMALL	4	
7	VENT GRILL	VOX VENT SMALL CREAM	1	
8	SCREW	MOS 4X20 NI	12	
9	SCREW	TTLS 4X25 NI	4	
10	SCREW	TTLS 4X23 BK	6	
11	SCREW	TWLS 3.5X15 BK	4	
12	CAP WASHER	4PIE NI, CR	8	



MATERIAL		DIMENSION mm	SCALE N/S	TITLE		SHEET
THICKNESS				SET ASS'Y		10F
FINISH		MODEL	AC4TV HEAD		DWG NO.	VER
TOLERANCE UNLESS NOTE		DRAWN	DATE		ASSY0255-02	A
		S.L. OH	2008.12.11			
		CHECKED	DATE			
		APPROVED	DATE			
DIAMETERS						
ANGULAR						



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REV NO.		REV DATE	DESCRIPTIONS OF REVISION	



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ISS		DATE	CHANGE	SIGNED	VOX R&D UK 64 ALSTON DRIVE • BRADWELL ABBEY. MILTON KEYNES • MK13 9HB • ENGLAND • +44 (0) 1908 313511					MODEL ISSUE DRAWN CHECKED APPROVED		AC4-TV ISS2b DC 13/03/09	TITLE AC4-TV SCHEMATICS		DWG No AC4-TV SCHEMATICS_KM ISS2b.DGM	
A		B		C		D	E	F	G		H					

VOX AC4TVH Parts List

⚠ = SAFETY CRITICAL COMPONENT.

Component must be replaced only by the component specified in this list.

Part Number	Category	Part Name	Location	Reference	Q'TY
530000001447	DIODE	D 1N4007, T	PCB	Q1, Q2, Q3	3
530000000208	LED RED	LED RED 3M/M DLL-B5131Q	PCB		1
530000001458	VOLUME	VR 16020-15SP- 5A 500K	PCB	VR1, VR2	2
530000000137	FERRITE BEAD	BEAD CORE SAT2550L	PCB	FB1	1
530000001450 ⚠	FUSE	FUSE T6.3AL 250V	PCB	FS1	1
530000001448 ⚠	FUSE	FUSE T125MAL 250V	PCB	FS2	1
530000000175	FUSE HOLDER	FUSE CLIP 0751-0110	PCB	FS1,FS2	4
530000001101	TUBE SOCKET	GZC9-A	PCB	V1, V2	2
530000001452	MONO JACK	PHONEJACK BPJ-BNB-P12.5	PCB	JS1	1
530000001477	TUBE	TUBE 12AX7WA	PCB	V2	1
530000001478	TUBE	TUBE EL84	PCB	V1	1
530000001473	ROTARY SWITCH	SR2512F-0203-15K0A-C9-S-180	PCB	SW8	1
530000001508	PCB ASSY	PCB ASSY AC4TV	CHASSIS		(1)
530000001568 ⚠		MAIN CHASSIS AC4TVH 100V	CHASSIS		(1)
530000001569 ⚠		MAIN CHASSIS AC4TVH 120V	CHASSIS		(1)
530000001570 ⚠		MAIN CHASSIS AC4TVH 230V	CHASSIS		(1)
530000001571 ⚠		MAIN CHASSIS AC4TVH 240V	CHASSIS		(1)
530000001126		VOLUME KNOB CHIKEN HEAD CREAM	CHASSIS		3
530000000206		LED BUSHING	CHASSIS		1
530000001507		PCB SUPPORT M3*9MM	CHASSIS		2
530000000806 ⚠	FUSE	FUSE T1A L 250V	CHASSIS	100V, 120V	(1)
530000000167 ⚠	FUSE	FUSE T500MA L 250V	CHASSIS	230V, 240V	(1)
530000001528 ⚠		POW SW R13-5A2-01-HPR	CHASSIS		1
530000000199 ⚠		INLET/FUSE HOLDER SC-8F-21	CHASSIS		1
530000001459 ⚠	POWER TRANS	POWERTRANS 076-AC4J(100V)	CHASSIS		(1)
530000001460 ⚠	POWER TRANS	POWERTRANS 076-AC4U(120V)	CHASSIS		(1)
530000001461 ⚠	POWER TRANS	POWERTRANS 076-AC4E(230V)	CHASSIS		(1)
530000001462 ⚠	POWER TRANS	POWERTRANS 076-AC4EF(240V)	CHASSIS		(1)
530000001467 ⚠	OUTPUT TRANS	OUTPUT TRANS 066-AC4 OPT	CHASSIS		1
530000001451	PHONE JACK	PHONEJACK BPJ-BNB-S	CHASSIS	JS2	1
530000001117		TUBE RETAINER	CHASSIS		1
530000001482		TUBE RETAINER (EL84)	CHASSIS		1
530000000745		RING CORE	CHASSIS		1
530000001572		INPUT JACK SHIELD	CHASSIS		1
530000001573		CHASSIS ASSY AC4TVH 100V			(1)
530000001574		CHASSIS ASSY AC4TVH 120V			(1)
530000001575		CHASSIS ASSY AC4TVH 230V			(1)
530000001576		CHASSIS ASSY AC4TVH 240V			(1)
530000001577 ⚠		CABINET ASSY AC4TV HEAD			1
530000001500 ⚠		HANDLE ASS'Y CREAM			1
530000000139		BRAND MARK VOX (SMALL) SILVER			1
530000001583		RUBBER FOOT D22X19L WHITE			4
530000001499		VENT GRILL AC4TV/AC4TV8			1
530000001503		AL FOIL 190X150X0.05T			1
500600006508 ⚠	AC CORD	100V = LY100JPVCTFLY35LY37		JP	(1)
530000000123 ⚠	AC CORD	AC CORD 120V = KKP30-16A		US,CN,EX	(1)
530000000124 ⚠	AC CORD	AC CORD 230V = KKP4819R-16A		GE	(1)
530000000125 ⚠	AC CORD	AC CORD 230V = KKP650-16A		UK	(1)
530000000126 ⚠	AC CORD	AC CORD 240V = KKP650-16A		AU	(1)
500540028903 ⚠		ADAPTER PLUG YL-212		JP	(1)