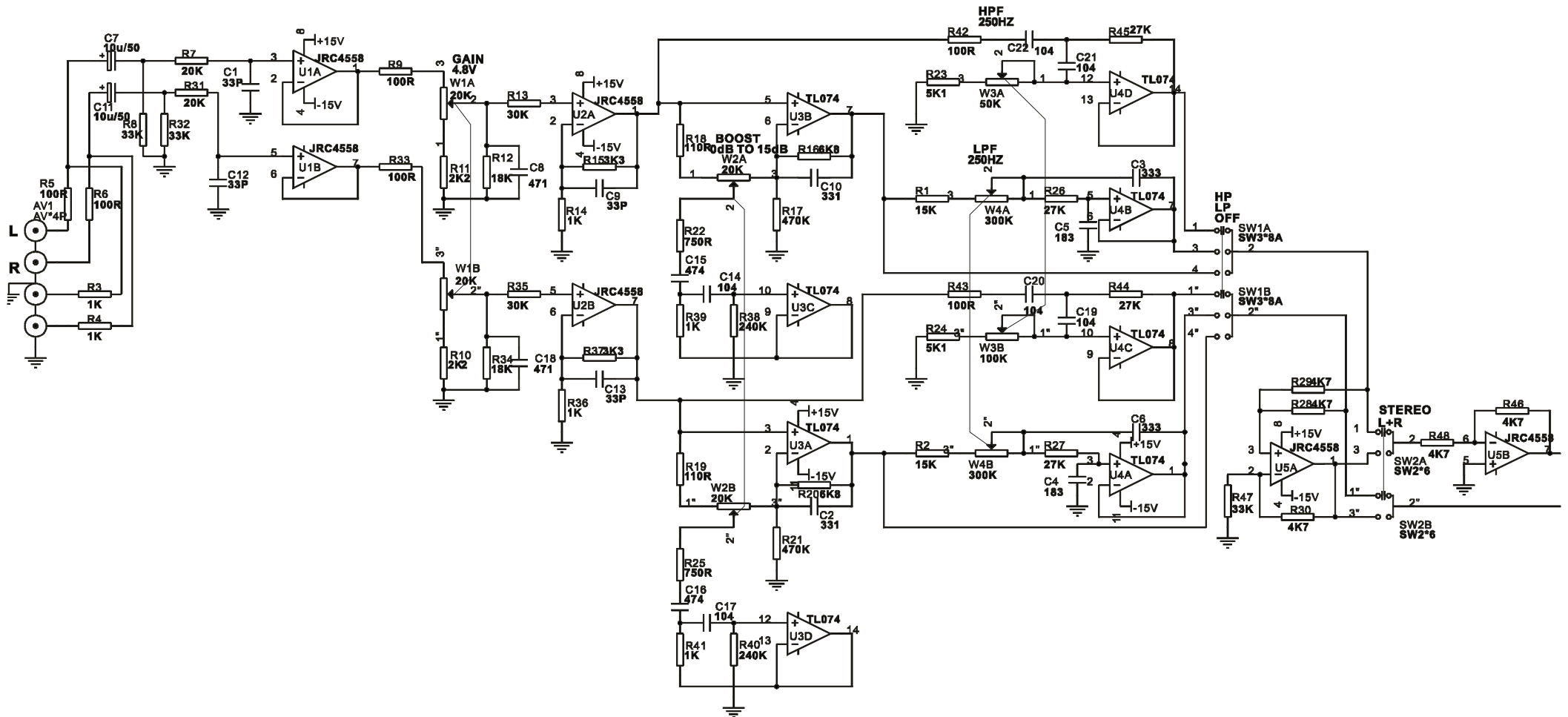




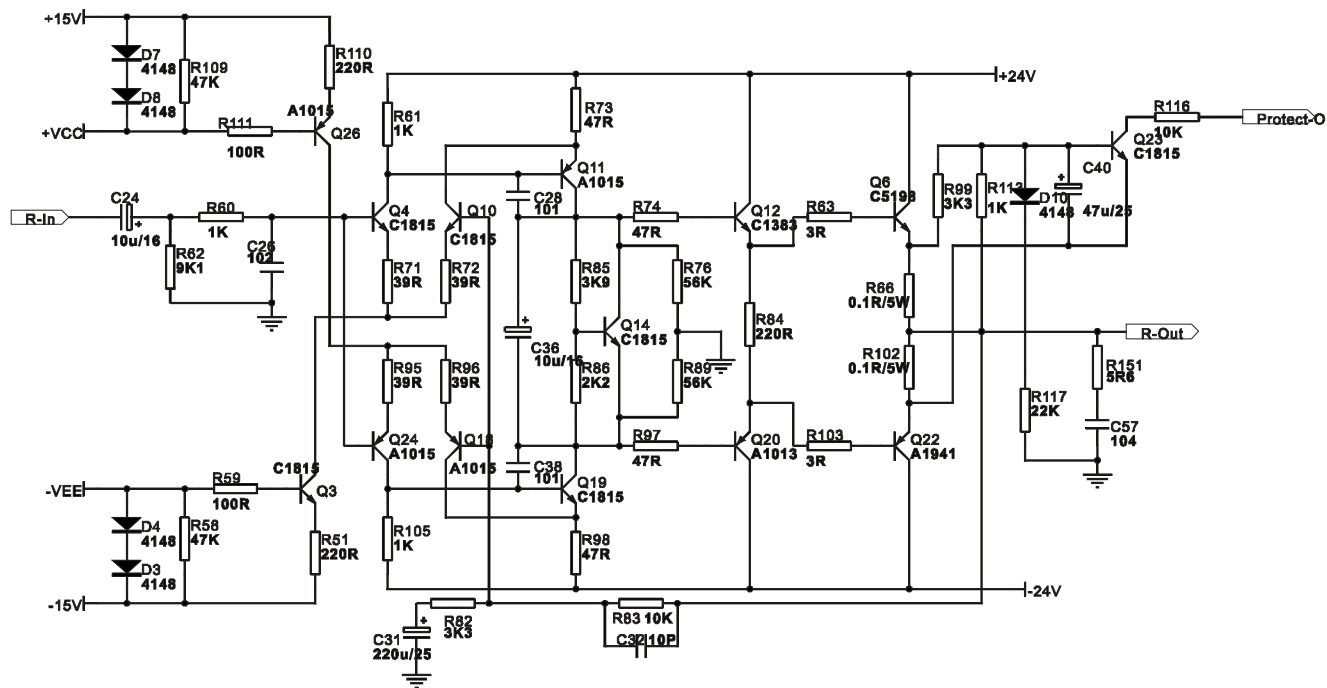
THE ROCK

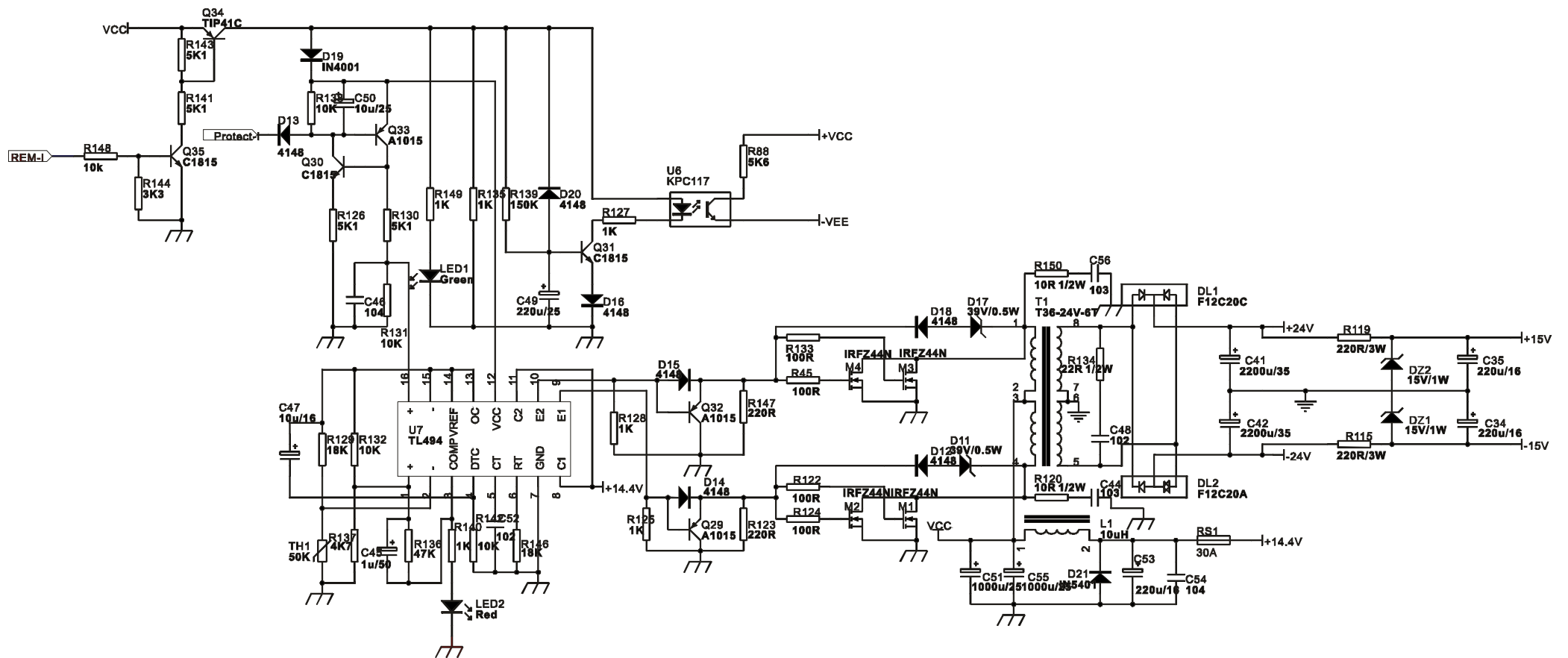
Magnet

THE ROCK 400 2 CH AMP 400 WATTS MAX



The Rock 400 Pre-System Circuit





The Rock 400 Power-System Circuit

Spare part list

Product Name: Car Amplifier

Model No.: THE ROCK 400

Brand Name : Mac Audio

Serial number	Types	Description of components	Comment	Quantity	Unit	Components
001	PCB	PCB		1	PCS	SAGA2004-THE ROCK 400:PCB-A01
002	Safety components	Coils	Φ36	1	PCS	
		OSC Coils	Φ10	1	PCS	
		Fuse	30A	1	PCS	
		Fuse Holder	one way	1	PCS	
003	IC	IC	JRC4558CN	3	PCS	U1, U2, U3
			PC817	1	PCS	U6
			TL074	2	PCS	U4, U5
			TL494	1	PCS	U7
004	Transistor	Triodes	A1013	2	PCS	Q15, Q20
			C2383	2	PCS	Q7, Q12
			A1015	12	PCS	Q8,Q11,Q17,Q18,Q24,Q25,Q26,Q27,Q29,Q32,Q33,Q34
			C1815	15	PCS	Q1~Q4,Q9,Q10,Q13,Q14,Q16,Q19,Q23,Q28,Q30,Q31,Q35
			A1695	2	PCS	Q21, Q22
			C4468	2	PCS	Q5, Q6
		Voltage Stabilizing Diodes	15V/1W	2	PCS	DZ1, DZ2
			39V/0.5W	2	PCS	D11, D17
		Schottky Barrier Rectifier	F12C20A	1	PCS	DL2
			F12C20C	1	PCS	DL1
		Switch Diodes	IN4148	18	PCS	D1~D10,D12~D16,D18,D19,D20
		Rectifier Diodes	IN5401	1	PCS	D21
		MOSFET	IRFZ44N	4	PCS	M1, M2, M3, M4
			Φ3 Red	1	PCS	LED1
			Φ3 Green	1	PCS	LED2
005	Resistors	Trimmers	WH124-2-8.5-axis-C20KΩ	2	PCS	W1,W2
			WH124-2-8.5-axis-C50KΩ	1	PCS	W3
			WH124-2-8.5-axis-C500KΩ	1	PCS	W4

Spare part list

Product Name: Car Amplifier

Model No.: THE ROCK 400

Brand Name : Mac Audio

Serial number	Types	Description of components	Comment	Quantity	Unit	Components
005	Resistors	Thermal Resistors	RTH-50K	1	PCS	
		Resistors	RTX-5W-0.1Ω	4	PCS	R65, R66, R101, R102
			RTX-3W-220Ω	2	PCS	R115, R119
			RTX-1/2W-3Ω	4	PCS	R63, R64, R100, R103
			RTX-1/2W-4.7Ω	2	PCS	R151, R152
			RTX-1/2W-10Ω	2	PCS	R120, R150
			RTX-1/2W-22Ω	1	PCS	R134
			RTX-1/4W-47Ω	4	PCS	R49, R50, R153, R154
			RTX-1/8W-39Ω	8	PCS	R69, R70, R71, R72, R93, R94, R95, R96
			RTX-1/8W-47Ω	8	PCS	R67, R68, R73, R74, R91, R92, R97, R98
			RTX-1/8W-100Ω	14	PCS	R5, R6, R9, R33, R42, R43, R55, R59, R106, R111, R122, R124, R133, R145
			RTX-1/8W-110Ω	2	PCS	R18, R19
			RTX-1/8W-220Ω	8	PCS	R79, R84, R51, R56, R107, R110, R123, R147
			RTX-1/8W-750Ω	2	PCS	R22, R25
			RTX-1/8W-1KΩ	22	PCS	R3, R4, R10, R11, R14, R36, R39, R41, R53, R54, R60, R61, R104, R105, R112, R113, R121, R125, R127, R128, R135, R140,
			RTX-1/8W-1.5KΩ	2	PCS	R81, R82
			RTX-1/8W-2.2KΩ	2	PCS	R77, R86
			RTX-1/8W-3.3KΩ	5	PCS	R15, R37, R90, R99, R144
			RTX-1/8W-3.9KΩ	2	PCS	R78, R85
			RTX-1/8W-4.7KΩ	6	PCS	R28, R29, R30, R46, R48, R137
			RTX-1/8W-5.1KΩ	6	PCS	R23, R24, R126, R130, R141, R143
			RTX-1/8W-5.6KΩ	2	PCS	R88, R149
			RTX-1/8W-6.8KΩ	2	PCS	R16, R20
			RTX-1/8W-9.1KΩ	2	PCS	R52, R62
			RTX-1/8W-10KΩ	9	PCS	R80, R83, R116, R118, R131, R132, R138, R142, R148
			RTX-1/8W-13KΩ	1	PCS	R129
			RTX-1/8W-15KΩ	2	PCS	R1, R2,
			RTX-1/8W-18KΩ	3	PCS	R12, R34, R146
			RTX-1/8W-20KΩ	2	PCS	R7, R31
			RTX-1/8W-22KΩ	2	PCS	R114, R117
			RTX-1/8W-27KΩ	4	PCS	R26, R27, R44, R45
			RTX-1/8W-30KΩ	2	PCS	R13, R35
			RTX-1/8W-33KΩ	3	PCS	R8, R32, R47
			RTX-1/8W-47KΩ	7	PCS	R57, R58, R108, R109, R136, R155, R156
			RTX-1/8W-56KΩ	4	PCS	R75, R76, R87, R89
			RTX-1/8W-150KΩ	1	PCS	R139
			RTX-1/8W-240KΩ	2	PCS	R38, R40
			RTX-1/8W-470KΩ	2	PCS	R17, R21

Spare part list

Product Name: Car Amplifier

Model No.: THE ROCK 400

Brand Name : Mac Audio

Serial number	Types	Description of components	Comment	Quantity	Unit	Components
006	capacitors	Ceramic Capacitors	CCX-63V-10	2	PCS	C29, C32
			CCX-63V-33	4	PCS	C1, C9, C12, C13
			CCX-63V-101	4	PCS	C27, C28, C37, C38,
			CCX-63V-104	1	PCS	C46
			CCX-63V-331	2	PCS	C2, C10
		Color scale capacitors	222	2	PCS	C25, C26
			471	2	PCS	C8, C18
		CBB Capacitors	474	2	PCS	C15, C16
		Polyester Capacitors	CL-100V-102	2	PCS	C52, C48
			CL-100V-103	2	PCS	C44, C56
			CL-100V-104	10	PCS	C14, C17, C43, C54, C57, C58, C19, C20, C21, C22
			CL-100V-183	2	PCS	C4, C5,
			CL-100V-333	2	PCS	C3, C6
		Electrolytic capacitors	CD11-50V-1uF(85□)	1	PCS	C45
			CD11-50V-10uF(85□)	7	PCS	C7, C11□C23, C24, C33, C36, C50
			CD11-16V-47uF(85□)	2	PCS	C39, C40
			CD11-16V-100uF(85□)	1	PCS	C47
			CD11-16V-220uF(85□)	5	PCS	C30, C31, C34, C35, C53
			CD11-16V-330uF(85□)	1	PCS	C49,
			CD11-35V-1000uF(105□)	2	PCS	C51, C55
			CD11-35V-2200uF(105□)	2	PCS	C41, C42
007	Connecting line	J line(Φ0.65mm)	4mm	4	PCS	
			5mm	1	PCS	
			6mm	15	PCS	
			7mm	1	PCS	
			8mm	10	PCS	
			10mm	3	PCS	
			12mm	6	PCS	
			13mm	1	PCS	
			14mm	2	PCS	
			15mm	1	PCS	
			16mm	2	PCS	
			18mm	1	PCS	
			20mm	2	PCS	
		wire		a suit of		

Spare part list

Product Name: Car Amplifier

Model No.: THE ROCK 400

Brand Name : Magnat

Serial number	Types	Description of components	Comment	Quantity	Unit	Components
008	Inserting components	RCA socket	AV4-7	1	PCS	AV1
		Terminals	Three way	1	PCS	JX2
			Four way	1	PCS	JX1
		Direct-Pulling Switch	SK22H09G9	1	PCS	SW2
			SK23D29G9	1	PCS	SW1
009	Hardware	Aluminum Covering Plate	THE ROCK 400	1	PCS	
		Front Panel	THE ROCK 400	1	PCS	
		Rear Panel	THE ROCK 400	1	PCS	
		Bottom Panel	THE ROCK 400	1	PCS	
		Fit Iron Press Plate	25X11X2	3	PCS	
			36X17X2	2	PCS	
		Screw	BT3X4	9	PCS	
			BAT2.5X6	2	PCS	
			BBH3X12	5	PCS	
			BAH3X10	3	PCS	
010	Plastics	Polybag	370X320mm	1	PCS	
			70X50mm	1	PCS	
		Silicon Silk	Middle	4	PCS	
			Small	6	PCS	
		Coils pad	φ36	1	PCS	
		Switch sponge Pad		2	PCS	
011	Package	foam		a pair of		
		Fuse	30A	1	PCS	
		Screw	BA5X10	4	PCS	
		Meson	φ5	4	PCS	
		Flexibility Meson	φ5	4	PCS	
		User's Manual	THE ROCK 400	1	PCS	
		Gift Box	THE ROCK 400	1	PCS	
012	Accessories	brand		1	PCS	
		RCA Jacks Covering		4	PCS	
		Groundwire Solder Plate	Φ3	1	PCS	
		Tube	Φ1	1	PCS	
		Glue		a few		
		Tin				