

PMV 70X

Parts-List

Resistors					
Quantity	Position	Value	Type	Package	PCB
1	R39	4R7	0,5W 1% MF	0207	MAIN
3	R16	12R	0,5W 1% MF	0207	MAIN
	R21				AMP
	R22				AMP
1	R38	22R	0,5W 1% MF	0207	MAIN
1	R15	24R	0,5W 1% MF	0207	MAIN
1	R29	27R	0,5W 1% MF	0207	MAIN
1	R14	51R	0,5W 1% MF	0207	MAIN
2	R13	100R	0,5W 1% MF	0207	MAIN
	R41				MAIN
1	R37	120R	0,5W 1% MF	0207	AMP
1	R12	200R	0,5W 1% MF	0207	MAIN
1	R11	430R	0,5W 1% MF	0207	MAIN
1	R42	470R	0,5W 1% MF	0207	MAIN
1	R10	1K	0,5W 1% MF	0207	MAIN
	R43				MAIN
	R44				MAIN
1	R40	1K LOG Potentiometer	Conductive Plastic	BOURNS 51CAN-D20-D10L	AMP
2	R32	1K2	0,5W 1% MF	0207	AMP
	R34				AMP
2	R3	1K8	0,5W 1% MF	0207	MAIN
	R25				MAIN
3	R2	2K7	0,5W 1% MF	0207	MAIN
	R19				AMP
	R24				MAIN
2	R9	3K	0,5W 1% MF	0207	MAIN
	R27				MAIN
3	R8	3K3	0,5W 1% MF	0207	AMP
	R20				AMP
	R36				AMP
1	R18	3K9	0,5W 1% MF	0207	AMP
1	R1	4K3	0,5W 1% MF	0207	MAIN
1	RLED1	5K1	0,5W 1% MF	0207	HiZ-P
1	R26	5K6	0,5W 1% MF	0207	MAIN
2	RP1	6K81	0,5W 1% MF	0207	MAIN
	RP2				MAIN
3	R47	10K	0,5W 1% MF	0207	AMP
	R48				AMP
	RLED2				HiZ-P
1	R17	15K	0,5W 1% MF	0207	MAIN
2	R35	22K	0,5W 1% MF	0207	AMP
	RP3				HiZ-P
5	R7	100K	0,5W 1% MF	0207	AMP
	R23				MAIN
	R28				MAIN
	R30				AMP
	RP4				HiZ-P
2	R5	120K	0,5W 1% MF	0207	AMP
	R6				AMP
1	R31	200K	0,5W 1% MF	0207	AMP
1	R33	220K	0,5W 1% MF	0207	AMP
1	R4	560K	0,5W 1% MF	0207	MAIN

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Capacitors					
Quantity	Position	Value	Type	Spacing	PCB
2	C5	22pF	Ceramic	5mm	AMP
	C15				AMP
2	C17	2n2F	Ceramic	5mm	MAIN
	C20				MAIN
1	C18	3n3F	Ceramic	5mm	AMP
1	C12	6n8F	Ceramic	5mm	AMP
3	CBP1	100nF	WIMA MKS2	5mm	MAIN
	CBP2				MAIN
	CBP3				MAIN
2	C6	560nF	Stacked Poly	7,5mm	MAIN
	C7				MAIN
1	C1	1µF / 35V	Tantal	2,5mm	AMP
4	C2	10µF / 35V	Tantal	2,5mm	AMP
	C4				AMP
	C10				AMP
	C11				AMP
2	C8	10µF / 50V	Electrolytic	Radial, 2,5mm	MAIN
	C16				MAIN
6	C13	22µF / 63V	Electrolytic	Radial, 2,5mm	MAIN
	C19				MAIN
	C21				AMP
	C22				AMP
	C23				AMP
	CP1				HiZ-P
1	C9	100µF / 35V	Electrolytic	Radial, 5mm	MAIN
2	C3	1000µF / 35V	Electrolytic	Radial, 5mm	MAIN
	C14				MAIN

Diodes					
Quantity	Position	Value	Type	Package	PCB
4	D1	1N914		DO35	AMP
	D2				AMP
	D3				AMP
	D4				AMP
3	D5	1N4007		DO41	AMP
	D6				MAIN
	D7				MAIN
3	DP1	1N4148		DO35	HiZ-P
	DR1				MAIN
	DR2				MAIN
1	HiZ LED	Blue		3mm	HiZ-P
1	48V LED	Red		3mm	HiZ-P

Transistors					
Quantity	Position	Value	Type	Package	PCB
1	Q1	2N2905A		TO39	AMP
4	Q2	BC182B		TO92	AMP
	Q3				AMP
	Q7				AMP
	Q9				AMP
3	Q4	BC212B		TO92	AMP
	Q5				AMP
	Q6				AMP
1	Q8	BC337-25		TO92	AMP
1	QP1	BC550		TO92	HiZ-P

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ICs					
Quantity	Position	Value	Type	Package	PCB
1	IC1	Neumann OA12*	DOA		MAIN
<i>optional:</i>		<i>Neumann OA20, APP-MO6*</i>			

Transformers / Inductors					
Quantity	Position	Value	Type	Package	PCB
1	TX1	Haufe RK204*			MAIN
<i>optional:</i>		<i>Neumann 09425 / 90425*</i>			
1	TX2	Haufe RK445*			MAIN
<i>optional:</i>		<i>Neumann 09358 / 90358 / Haufe RK300 / Neumann 09358b*</i>			
1	L2	22µH	Fixed Choke		MAIN

Mechanical Parts / Switches / Misc.					
Quantity	Position	Value	Type	Package	PCB
1	PCB	PMV70X	rev02	GDIY51X REQUIRED	
1	PCB	PMV70X-AMP	rev01		MAIN
1	PCB	HiZ/PHANTOM	rev02		MAIN
1		HiZ Plug-In FET1 PMV70X Full Bundle			MAIN
1		Frontpanel	PMV70X		
1		L-Bracket	OV560		
2		Imbus		2,5mm	
4		Screws		3mm	
4		Spring Washers		3mm	
1	S1	Grayhill Series71	2x12		MAIN
1	S3	Toggle Switch	SPDT	ON-ON	MAIN
2	S2	Toggle Switch	DPDT	ON-OFF-ON	MAIN
	S4				HiZ-P
2	REL1	Relay	TQ2-24V	DPDT (2 Form C)	MAIN
	REL2				MAIN
1	CON1	PC Mount Jack		NRJ6HF	HiZ-P
1	CON1	Nut			
1		2,54mm 36 Position 90° Header			
6		DOA PCB Sockets for HiZ Plug-In			MAIN
2		LED Mounting Clip		3mm	

* not included in any kit