



2507 HOWARD LANE, AUSTIN, TX 78728

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MX-4 Parts List

Item	Description
02005402	AT90S8515 8AC Microprocessor 8MHz PLCC
02050120	74 HCT 4051P 8-1 MUX ,SMD
02100202	LM 358 Dual opamp, SMD
02105205	L7805 5V/1A Voltage Stab , SMD
02121010	ULN2803A stepmotor driver, standard
02121805	75C176 BiCMOS RS485 Transceiver SMD
02300401	BC 847B , SMD
04030079	20uF, 250V, 50-60Hz capacitor w/ 500mm wires
04040252	2200uF, 25V, electrolytic, radial
04050217	27pF, 63V, ceramic, SMD
04051160	100nF, 16V, ceramic, SMD 0603
04082112	1uF, 16V, tantalium, SMD
04082116	2.2uF, 16V, tantalium, SMD
04170332	220 Ohm resistor, SMD
04170448	3K3 Ohm resistor, SMD, 1206
04170464	4K7 OHM RESISTOR, SMD
04170480	6K8 OHM RESISTOR, SMD
04170532	22K OHM RESISTOR, SMD
04170640	270K OHM RESISTOR, SMD
04171132	2.2 OHM RESISTOR, SMD 0.25W
04176464	4K7 Ohm resitor, 1% 0.W, SMD 0603
04176500	10K OHM RESISTOR, 1% 1/10W, SMD 0603
04176532	22K OHM RESISTOR, 1% 1/10W, SMD 0603
04176564	47K OHM RESISTOR, 1% 1/10W, SMD 0603
04176664	470K OHM RESISTOR, 1% 1/10W, SMD 0603
04200201	100 ohm resistor, 1W, SMD
04301001	BAS32L-115 (1N4148) , SMD
04302002	Bridge rectifier 3A/100V, vertical



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04307002	6V8, diode transil
04307004	Diode transil, 10V
04350010	X-tal 8MHz
04350101	Spacer isolation for X-tal
04520004	Step-up 150W; 10,5V/20VA, 24V/48VA
04540002	Ballast, 150W, 230V, 50Hz, 210/230V, 60Hz
05000001	Relay, 12V, 16A, single, high current
05020009	Fuse, 2 A, slow blow
05020013	Fuse 3.15 AT, high I*I*t
05030001	Fuse holder PCB, plastic support
05040003	Thermostat, 100 degrees C, open
05120701	Jumper, 2 pole, 2.54mm spacing
05123001	XLR female 3-pin chassis, PCB, angle, gold
05143001	XLR male 3-pin chassis, PCB, angle, gold
05144002	Header 2 pole 2.54mm PCB
05144006	Header 6 pole, 2.54mm
05144060	Header, 40 pole, PCB sil
05144402	Header, 14 pole, PCB, DIL
05149001	Spade plug 6.3mm male , PCB
05220501	Connector terminals, plastic, 2.5#
05221207	Socket G12
05247202	AC socket, IEC, chassis mount, w/o fuse holder
05247204	Fuse holder for P/N 05247202
05323516	Plug, 6 pole, female, angle, yellow, 0.12-0.14#
05323522	Plug MTA female angle, wire, 2 pole, natural, 0.20-0.22#
05328301	Cable plug, 4.8mm female, single, faston
05328405	Cable plug, 6.3 mm female, single, faston, insulated
05500003	DIP switch Piano type 12 bit DIL
05701621	Stepmotor, NMB, standard, LC, wire
05741202	Fan 12V DC Brushless 3" high speed



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05830001	Electret condensor Microphone
06020002	Starter 150W serial, NI 400 LE
08050402	M3x5 taptite, Phillips, ph, black
08050507	M3x20 screw, Phillips, cs, black
08050708	M3x16 screw, Torx, ph, black
08050802	M3x6 screw, Torx, cs, black
08050803	M3x8 screw, Torx, cs, black
08051001	M3x12 hex cap screw, black
08052601	M3 hex nut, black
08052701	M3 hex lock nut
08053807	M3x10 stand off, m/f, black
08053808	M3x10 stand off, m/f, PA
08053813	M3x15 stand off, m/f
08053814	M3x20 stand off, m/f, black
08054301	M3 Washer
08054401	M3 lock washer, black
08070402	M4x10 screw, Phillips
08070404	M4x12 screw, Phillips, ph, black
08070701	M4x10 taptite, Torx, ph, black, Paint cut
08071203	M4x20 screw, Allen, black
08071501	M4x5 set screw
08073601	M4 blind rivet nut, cs
08073603	M4 blind rivet nut
08074301	M4 Washer, black
08111005	M6x30 hex cap screw, black
08111009	M6x35 hex cap screw, black
08111201	M6x10 screw, Allen, black
08111203	M6x16 screw, Allen, black
08112701	M6 hex lock nut, PA-insert
08113601	M6 blind rivet nut, hex



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08113801	M6x45 stand off, f/f, black
08114301	M6 washer, black
08132100	M8X20 carriage bolt
08132307	M8, adjustable handle, 55mm
08200102	2.9x6.5 Plastite, ph, black
08200105	3.5x8 eco-syn, ph, black
08200107	5x12 Plastite, ph, black
08220101	3.2mm x 6 Rivet Black
08220103	3.2mm x 8 Rivet Black
08220105	3.2mm x 10 Rivet Black
08260106	Stand off, l=5, d=8.2, D=25, plastic, black
11040520	Wire, yellow/green, 1x0.75#, 11cm
11041060	Wire, brown, 1x0.75#, 13cm
11041061	Wire, brown, 1x0.75#, 15cm
11041571	Wire, blue, 1x0.75#, 29cm
11042542	Wire, black, 1x0.75#, 37cm
11042543	Wire, black, 1x0.75#, 51cm
11044019	Wire, orange, 1x0.75#, 39cm
11044502	Wire, white, 1x0.75#, 19cm
11421504	Wire, blue, 1x0.75#UL, 21cm, SIFF
11422002	Wire, red, 1x0.75#, 22cm, SIFF
11501010	Mains cable 3x1,0# Open wire
11501020	Mains cable 3x1,0# IEC-Schuko
11603002	Wire, stepmotor, 1100mm, 6 wire
11604003	Wire, stepmotor, 1000mm, highflex, 6 wire
13104000	Strap, black , high temp, 2.5x98mm
13104004	Strap, black, 4.8x290mm
13104020	Strap, auto, high-temp., 2.5x103mm
13200005	Rubber nipple 6x8mm
15800000	Sleeve flexible ,hose 5mm, black



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15804000	Sleeve tube flexible 10mm, black
16300131	Adaptor w. 5mm hole, degreased
16300140	Adaptor w. 5mm hole, PRO 218, degreased
17040191	Shutter plate for MX-4
17200030	Objective adaptor, plastic
17200040	Objective socket, plastic
17200551	Lens plate, MX-1
17780110	Spring for lampadjustment,MX-4
17820100	Spacer Plate for Colorwheel, RS 918, degreased
18000270	Mek. stop, MX-4
18260240	Condensator pl. for MX-4
19060000	Fitting for arm, MX-1
19440020	Foot for MX-1
20000240	Tilt bracket for MX-1
20000250	Pan bracket for MX-series
20200391	Lamp adjust plate A, MX-4
20200401	Lamp adjust plate B, MX-4
21020690	Mounting bracket, MX-1
23002801	PCB plate for MX-1
23002812	Arm w cable groove, MX-Series, die casted
23002822	Arm for MX-Series, die casted
23002950	Gable for MX-4
23400270	Plastic shell main MX-1
23400280	Cover Pan/tilt, MX-1
23400290	Pan/tilt list, MX-1
23400300	Cabinet list (L), MX-1
23400310	Cabinet list (R), MX-1
23804352	Top plate B for MX-1
23804392	Fan plate for MX-1
23804401	Objective plate for MX-1



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23804413	Effect plate for MX-1
23804420	Pan/tilt plate for MX-1
23804630	Anti reflection plate for CX-2
23804820	Trafo plate, aftertreat, MX-4
23804830	Top plate A aftertreat f. MX-4
23804840	1/4-turner pl,Aftertreat, MX-4
33001011	MX-4 logolabel
33120020	Label, PCB connections, MX-4
33150011	Label, warning, MX series
33160013	Label MX-4 voltage setting, 97x48
34000061	Cardboard box, MX-4
34204003	MX-1 series Polystyren packing
34240019	Plasticbag 1000x600x0,025mm
34241521	Shrinkfoil, 19my, B=750mm
35000086	User manual, MX-4
37000201	Sikaflex 521, clear, 90°C
37000801	Silicon glue clear, low temp. (220-250 øC)
37305002	CERAMO spray, max. 1400°C
41002045	Ellipsodial reflector D=66 MAC250 / Synchro Zap
41200020	Lens, Asph/plano, D=40, coated
41201016	Lens, Pl/Cx, D=50, coated
41400028	Elliptic,125x85x1,2 FS mirror
43950003	DJ gobowheel, D=120, 0.5 alu.
46400101	Dichroic, light blue 101, 14x15
46400102	Dichr. light green 204, 14x15
46400103	Dichr. flame Red 304M, 14x15
46400104	Dichr. Primary Green 206, 14x15
46400105	Dichr. fern Green 205, 14x15
46400106	Dichr. deep Orange 302, 14x15
46400107	Dichr. Yellow 603, 14x15



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46400108	Dichr. primary Red 308, 14x15
46400109	Dichr. Orange 306M, 14x15
46400111	Dichr. Pink 312, 14x15
46400112	Dichr. Mauve 507, 14x15
46400113	Dichr. medium Blue 108, 14x15
46400114	Dichr. Cyan 104, 14x15
46400115	Dichr. Amber 604, 14x15
46400122	Dichr. Blue 111, 14x15
46400401	Dichr. Light Green 204, 8.7x7.1
46400402	Dichr. Flame Red 304, 8.7x7.1
46400404	Dichroic, blue 111, 8.7x7.1
46400406	Magenta 507, dichroic, 8.7x7.1
46400407	Dichr. Cyan 104, 8.7x7.1
46400409	Dichr. Amber 604, 8.7x7.1
46400410	*Dichr. Primary green 206M 8.7x7.1 .1
46400411	Dichroic, yellow 603, 8.7x7.1
55140021	Effects module, MX-4
55140025	PCB module for MX-4
55140026	Lid module for MX-4
55140029	Lamp socket module B, MX-4
62000062	PCB MX-4, Asmb. ,TESTED
62107026	Plug 2 pole w. jumper on 1.
62203195	Wireset Power, MX-4
62203199	Wireset for Pan/Tilt, MX-4
62205134	Wire stepmotor LC ;COLOR; NMB 460mm
62205137	Wire stepmotor LC ;GOBO; NMB 460mm
62222014	Fan 12V DC 3` High speed with plug 150mm wire
62223018	#20uF 250V Capacitor prep w plugs
62326031	Color Wheel, MX-4
62332023	Objective ,Standard angle Pro218



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62333023	Mirror w. bracket, MX-1
62334005	Objective holder, MX-1
62400148	Shutter MX-4, assembled
97010111	Lamp Master Color CDM-SA/T 150W, Discharge,