

Order your Spare Parts here -> <http://www.lichtboxx.com/index.php/cPath/158/language/en>
www.lightspares.com | ©MS Lichttechnik GmbH, Hirschstettner Strasse 19A, 1220-Vienna, Austria

Complete Spare Parts List of Martin MX10 Extreme

02005112 XC161 CMOS 16 bit uP, 40MHz
02005424 PIC16F73-i/SO
02011501 M41T56 timekeeper, SRAM, SMD
02012542 XC2S15-5VQ100 FPGA, SMD, VQFP
02034507 16K bit Serial Eeprom SMD, 93LC86 / SN
02050102 74 HCT 14 HEX inverting Schmitt Trig,SMD
02050106 74 HCT 132 Quad Nand Schmitt trig, SMD
02050112 74 HCT 244 Octal Bus buffer,SMD
02050118 74 HCT 574 OCTAL LATCH ,SMD
02050122 74 HCT 595 serial Octal LATCH ,SMD
02050123 74HCT4053D Analog switch
02050301 74 HC 05 HEX inverting open collector,SMD
02050302 74HC03D-TR NAND OC
02100202 LM 358 Dual opamp, SMD
02105225 LD1117, 2.5V, 800mA volt reg, SMD
02105233 LD1117, 3.3V, 800mA volt reg, SMD
02105250 LM317L, 100mA voltage reg.,SMD
02105602 L5970D Tape 1A Step Down SMPS
02105801 Isolated 5V DC-DC converter, 3 kV
02121010 ULN2803A stepmotor driver, standard
02121014 Dual Full Bridge Driver, L6204, DIP
02121300 ULN2003, Darlington array, SMD
02121600 ADM 705 AR supervisory circuit, SMD
02121805 75C176 BiCMOS RS485 Transceiver SMD
02123001 Hall Sensor
02123201 TSL235 Light to frequency converter
02200002 6N137 Opto photo IC
02200500 TLP131, opto photo transistor, SMD
02204001 IR Photomodule 38 kHz,3V, side view
02300401 BC 847B , SMD
02301201 BC 857B , SMD (BC557)
02320400 FDV303N, n-mosfet, 0, 68A, 25V
02321206 IRLML5103 P-CH MOSFET 0.6A, -30V, Rdson=0.6 Ohm. SOT-23
04020328 2.2 nF 250V Y2 film capacitor
04020344 220nF, X2, 250V film capacitor
04030078 35uF, 250V, 500mm wire
04040236 100uF, 25V, electrolytic, radial
04040252 2200uF, 25V, electrolytic, radial
04040340 220uF, 35V, electrolytic, radial
04040553 2200uF, 50V, electrolytic, radial, h=25mm

04050040 10uF, 1210 ceramic, SMD
04050140 2.2nF, 50V, ceramic, SMD
04050148 10nF, 50V, ceramic, SMD
04050160 100nF, 50V, ceramic, SMD
04050168 470nF, 50V, ceramic, SMD
04050217 27pF, 63V, ceramic, SMD
04050232 470pF, 50V, ceramic, SMD
04051114 22PF 0603 NPO 50V 5% CER
04051115 18PF, 0603, NPO, 50V, 5% CER
04051122 220pF 0603 X7R 50V 5% CER
04051132 470nF, 50V, ceramic, SMD 0603
04051136 1nF, 50V, ceramic, SMD 0603
04051151 22NF 0603 X7R 25V 5% CER
04051155 47NF 0603 X7R 16V 10% CER
04051160 100nF, 16V, ceramic, SMD 0603
04080100 10uF, 16V, electrolytic, SMD
04080512 1uF, 50V, electrolytic, SMD
04080513 2.2uF, 50V, electrolytic, SMD
04170000 0 OHM RESISTOR, SMD
04170256 47 Ohm, resistor, SMD
04170308 120 Ohm resistor, SMD
04170332 220 Ohm resistor, SMD
04170372 560 Ohm resistor, SMD, 1206
04170472 5K6 OHM RESISTOR, SMD
04170700 1M0 OHM RESISTOR, SMD
04171116 1.5 OHM RESISTOR, SMD 0.25W
04171132 2.2 OHM RESISTOR, SMD 0.25W
04176000 0R OHM, 5% 0.06W, SMD 0603
04176100 10R Ohm resistor, 1% 0.1W, SMD
04176200 100R, 1% 0.06W, SMD 0603
04176340 560R OHM, resistor, 1% 1/10W, SMD 0603
04176356 390R OHM, 5% 0.06W, SMD 0603
04176372 560R OHM RESISTOR, 1% 1/10W, SMD 063
04176380 680 OHM RESISTOR, 1% 1/10W, SMD 0603
04176400 1K Ohm resistor, 1% 0.1W, SMD 0603
04176424 1K8 Ohm, 1% 0.1W, SMD 0603
04176432 2K2 Ohm resistor, 1% 0.1W, SMD 0603
04176448 3K3 OHM, 5% 0.06W, SMD 0603
04176464 4K7 Ohm resistor, 1% 0.1W, SMD 0603
04176472 5K6 OHM RESISTOR, 1% 1/10W, SMD 0603
04176480 6K8 Ohm resistor, 1% 0.1W, SMD 0603
04176488 8K2 OHM RESISTOR, 1% 1/10W, SMD 0603
04176500 10K OHM RESISTOR, 1% 1/10W, SMD 0603
04176532 22K OHM RESISTOR, 1% 1/10W, SMD 0603
04176540 27K Ohm, 1% 0.1W, SMD 0603
04176564 47K OHM RESISTOR, 1% 1/10W, SMD 0603
04176600 100K Ohm resistor, 1% 0.1W, SMD 0603

04176664 470K OHM RESISTOR, 1% 1/10W, SMD 063
04176700 1M Ohm, 1% 0.1W, SMD 0603
04176716 1M5 Ohm resistor, 1% 0.1, SMD 0603
04200201 100 ohm resistor, 1W, SMD
04251003 1K Ohm NTC thermistor 2%
04260320 4K7 Ohm (x4) 5%, 50V res. array
04260324 10K Ohm (x4) 5%, 50V res. array
04301001 BAS32L-115 (1N4148) , SMD
04301010 BAT54S, dual shottky diode
04301013 Diode Schottky 15MQ040N SMA 40V, 2.1A Vf=0.42
04302009 Bridge 6A/600V GBU6J
04307002 6V8, diode transil
04307004 Diode transil, 10V
04307005 Diode Transil 15V / 600W, SMD DO214AA
04307012 Diode Transil 39V / 600W, SMD DO214AA
04310004 LED 3mm Red
04310016 3mm YEL LED DIFF 5-12.5MCD
04311001 LED 3mm Green
04311002 LED 3mm Red
04312012 LED 13.8mm, yellow, 14 segment
04350202 X-tal, 32.768kHz, watch
04350220 X-tal, 20MHz, HC49, SMD
04400204 Inductor 47uH 1.1A SMD (Alternative from SUMIDA)
04400413 Noise sup choke, H 2x0.5mH, 4.5
04401102 Magnet 2x2x2 mm
04520006 Step-up 250VA, 24v/10.5v/11v
04540010 Ballast, 250W, 210/60Hz, 225/60Hz, 225/50Hz
05000001 Relay, 12V, 16A, single, high current
05020009 Fuse, 2 A, slow blow
05020020 Fuse 6.3 AT
05030001 Fuse holder PCB, plastic support
05040012 165` Thermostat Open
05061014 Transistor clips for heatsink
05120015 Socket-IC 20 pin tulip
05120050 Socket-SIL 20 pin
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
05144003 Header 3 pole 2.54mm, PCB, coded
05144004 Header 4 pole, 2.54mm, PCB, coded
05144012 Header 2 pole 5.0mm molex PCB
05144014 Header 4 pole 5.0mm molex PCB
05144018 Header 3p, 2.54mm PCB
05144019 Header 4p, 2.54mm PCB
05144020 Header 6p, 2.54mm PCB
05144060 Header, 40 pole, PCB sil

05144061 Heade, 6 pole PCB sil
05144103 Header 3 pole, angle 2.54mm, PCB
05144112 Header angle 2 pole 5.0mm molex PCB
05144116 Header angle 6 pole 5.0mm molex PCB
05144403 Plug 20 pole PCB dual in line
05144436 Header, 6 pole ang., PCB, schrouded
05144447 Header 10 pole, PCB, DIL, schrout
05149002 Spade plug 6.3mm male , angle PCB
05221205 Socket, halogen lamp, GY9.5, 400mm wire
05247202 AC socket, IEC, chassis mount, w/o fuse holder
05247204 Fuse holder for P/N 05247202
05323514 Plug, MTA female, angle, wire, 4 pole, yellow, 0.12-0.14#
05323522 Plug MTA female angle, wire, 2 pole, natural, 0.20-0.22#
05323523 Plug, female angle, wire, 3 pole, natural, 0.20-0.22#
05323524 Plug, female angle, wire, 4 pole, natural, 0.20-0.22#
05328405 Cable plug, 6.3 mm female, single, faston, insolated
05501201 Tact Switch SMD h = 9.5mm
05503402 Switch 2pol PCB straight,
05503403 Switch 5pol PCB straight,
05701401 Stepmotor (Lo Detent), w/o wire
05701601 Stepmotor, standard small (micro), w/o wire
05701602 Stepmotor, NMB, standard small, wire 1100mm, 22mm shaft
05701604 Stepmotor, standard medium 12V , w/o wire
05701605 Stepmotor, standard medium, 12V, w/o wire
05701606 Stepmotor, standard medium, 9V micro, w/o wire
05701801 TG stepmotor micro
05741202 Fan 12V DC Brushless 3" high speed
05749001 Guard for fan 3"
05801001 Batteri 3V Lithium ,PCB
05830001 Electret condensor Microphone
06020005 Starter 200W serial
08030402 M2.5x6 taptite, Phillips, black
08050401 M3x4 screw, Phillips, ph, black
08050402 M3x5 taptite, Phillips, ph, black
08050700 M3x6 taptite, Torx, ph, black
08050701 M3x8 taptite, Torx, ph, black
08050702 M3x6 screw, Torx, ph, black
08050706 M3x12 screw, Torx 10, ph, black
08050802 M3x6 screw, Torx, cs, black
08050803 M3x8 screw, Torx, cs, black
08050804 M3x8 taptite, Torx, cs, black
08052601 M3 hex nut, black
08052701 M3 hex lock nut
08053804 M3x6 stand off, f/f, brass
08053806 M3x7 stand off, m/f, black
08053807 M3x10 stand off, m/f, black
08053817 M3x14 stand off, f/f

08054301 M3 Washer
08070402 M4x10 screw, Phillips
08070406 M4x12 taptite, Phillips, ph, black
08070407 M4x16 screw, Phillips, ph, black
08070409 M4x20 taptite, Phillips, ph, black
08070701 M4x10 taptite, Torx, ph, black, Paint cut
08071002 M4x10 hex cap screw, black
08071201 M4x6 screw, Allen
08071205 M4x60 screw, Allen, black
08071501 M4x5 set screw
08072307 M4 thumb screw
08072901 M4 hex domed nut, black
08073601 M4 blind rivet nut, cs
08073603 M4 blind rivet nut
08074303 M4 washer, 4.3x9.6x1.25
08111003 M6x16 hex cap screw
08111202 M6x12 screw, Allen, black
08111217 M6x16 screw, Allen, black
08112701 M6 hex lock nut, PA-insert
08113601 M6 blind rivet nut, hex
08113803 M6x55, stand off, m/f
08113804 M6 cover caps f. Allen screw
08114102 M6 cage nut
08114301 M6 washer, black
08131302 M8x35 screw, Allen, cs
08132102 M8x30 woodbolt, elforz HFC9380
08132306 M8, adjustable handle, 79mm
08132701 M8 hex lock nut, PA-insert
08134301 M8 washer, black
08190101 2.9x4.5 self-tap, Phillips
08190104 2.9x9.5 self-tap, Phillips, ph, black
08190105 2.9x16 self-tap, Phillips, ph
08190202 3.5x6.3 self-tap, Phillips, ph, black
08200102 2.9x6.5 Plastite, ph, black
08200106 4x8 eco-syn, ph, black
08200107 5x12 Plastite, ph, black
08200109 2.2x6 eco-syn, cs
08220101 3.2mm x 6 Rivet Black
08220103 3.2mm x 8 Rivet Black
08230102 Locking ring , outside
08230104 Retaining ring, 25mm shaft
08230502 Locking ring for Idle wheel
08240117 Push/pull Latch, male, plastic
08240118 Push/pull Latch, female, plastic
08250101 Locking device, steel wire, D=1.5mm
08250303 Safety hook, 4X40mm, galvanized
11040520 Wire, yellow/green, 1x0.75#, 11cm

11501013 Mains cable I.E.C. 3pin , 3 m
11602002 Wire for stepmotor, 50cm, 4 wire, NMB, high flex
11700004 Wireset 4x0.14# ,2 fem. plugs, black
11700020 Wireset, 4x0.3#, 2 fem. ;12; 45cm
11730005 Wire for fan, 260mm
11740002 Wire, hall sensor, 250mm, 3-3 pol
11750005 Wireset, 10 pole , 15cm, flatcable
11850009 Wireset, high-volt., MX-10
11850010 Wireset, high-volt, mains, MX-10
11860052 Wireset, motors, MX-10
11860053 Wireset, pan/tilt, MX-10
13101002 Cabel clamp, 3mm plade
13101008 Wire retainer, flexible
13104000 Strap, black , high temp, 2.5x98mm
13104003 Strap, black, 3.6x140mm
13104004 Strap, black, 4.8x290mm
13104020 Strap, auto, high-temp., 2.5x103mm
13105000 Cable bearer, selfadhesive, 12.7x12.7mm, h=15.8mm
13105002 Cable bearer, black, 14x10.5x6mm
13200001 9.5x13mm Rubber nipple plate 1.5
13200002 9.5x13mm Rubber nipple plate 3.0
15800000 Sleeve flexible ,hose 5mm, black
15802003 Silicon/glass sleeve, d=7mm, black
15804000 Sleeve tube flexible 10mm, black
16000030 Timing pulley T2.5 , Z =24
16000120 Timing pully, T2.5, Z=24, d=5, drilled
16000160 Timing belt pulley for prism, MAC 500, degreased
16000181 Belt pulley for prism, MAC 500, HT
16040060 Timing belt l=200, w=4mm, T=2.5, green
16100080 Idle wheel for ball bearing, turned
16100100 Pulley \varnothing 50, Effect module M250 degreased
16120070 Belt, VITON, d=75.87mm x 2.62mm
16120080 Belt d=66.34 x 2.62 mm black
16120100 Belt 133.07 x 1.78 mm , black
16170020 Spindel for focus, effect module M250
16170030 Plastic guide for focusmodule, effect module M250
16300090 Adaptor pulley, Effect module M250 degreased
16300131 Adaptor w. 5mm hole, degreased
16300300 Adaptor w. 5mm hole and thread
16320100 Adaptor w. flange, d=6.35
16520010 Damper plastic for \varnothing 6,35
16520070 Damper plastic for \varnothing 5.0 mm shaft
16700020 Sliding bearing, Oil bronze
16720110 Shaft for bearing,MAC600, degreased
16760021 Closed Ball Bearing, 608 ZZ, Uniway LIX 625
16760060 Ball bearing, D=37, d=25, b=7
16760071 Ball bearing 1, D=27, d=20, b=4

16760100 Ball bearing, D=58, d=45, b=7
16900040 Bearing frame for prism, MAC 500, degreased
16920021 Plastic gobo bearing housing
17000270 Plate for colorwheel, Effect module M250 punched
17020021 Plate, rot. gobowheel, MX-10
17040050 Dimmer plate, MAC 250
17060010 Prism flag, Prism module M250 degreased
17200560 Adaptor for focuslens $\varnothing 60$, Effect module M250
17300080 Plastic adaptor for Colorfilter M250, Gray
17320150 Goboguide, rotating MAC250, HT-painted
17700030 Spring washer D= 21,8 d= 14 s= 0,3
17740010 Spring for damper, RS918
17760130 Circular spring, d=18x1.0
17760160 Spring $\varnothing 43 \times 1.4$ Focus, MAC250, bent
17760170 Spring $\varnothing 56 \times 1.4$ Focus, MAC250, bent
17760190 Gobo Spring, 4 bends, MAC250
17760250 Spring for MAC 250-size gobos, 2 bends
17760340 Circular spring, 41/1.7
17780080 Spring for replacable colors, MAC250+
17780260 Adjustment spring, MX-10
17820100 Spacer Plate for Colorwheel, RS 918, degreased
18000190 Mek. stop for 1220 dimmer, burnished
18000310 Mech. stop, d=5x18+WAF6x4+M3x7.5, black
18000320 Mech. stop, d=5x22+WAF7x3+M4x10, female
18020080 Plate for Dimmer stop, Dimmer module M250 painted
18220090 Bridge for Hall PCB, MAC250+
20000260 Bracket, tilt, MX-10
20000270 Bracket, pan, MX-10
20200491 Adjustment plate, MX-10
21020911 Mounting bracket, MX-10
21021020 Lock, mounting bracket, MX-10
23400990 Front ring, plast, MX-10
23401000 Rear plate, plast, MX-10
23401010 Main shell, plast, MX-10
23401020 Pan/tilt house, plast, MX-10
23401030 Mould, pan/tilt house, MX-10
23401040 Mould, base, LH, MX-10
23401050 Mould, base, RH, MX-10
23401061 Arm, alu., MX-10
23801570 Plate for focus, Effect module M250 painted
23801580 Plate for focusstop, Effect module M250 painted
23807330 Plate, gobo/color, MX-10
23807380 Plate, prism module, MX-10
23807390 Plate, dimmer module, MX-10
23807400 Plate, lens module, MX-10
23807410 Plate, pan/tilt, MX-10
23807420 Plate, mechanical stop, MX-10

23807430 Guard, cover, MX-10
23807440 Lens support, MX-10
23807560 Main plate, chimney, MX-10
23807570 Wing plate, chimney, MX-10
23807580 Wing plate, ekstra, chimney, MX-10
23807620 Plate, airshield, MX-10
23807630 Plate, airshield, extra, MX-10
23807650 Rear plate, MX-10
23807660 Light shield slide, MX-10
23807670 Plate, switch PCB, MX-10
23807690 Plate, fan, MX-10
23807700 Plate for air duct, MX-10
23807710 XLR plate, MX-10
23807720 False light plate, MX-10
23807730 PCB mounting plate, MX-10
23807741 Cover plate, PCB, MX-10
23807780 Mounting plate, PCB display, MX-10
23807790 cover plate, PCB display, MX-10
23807800 Light shield, fan, MX-10
23809121 Plate A, heatfilter, MX-10 Extreme
23809130 Lamp condensing unit, MX-10 Extreme
23809140 Reflector plate, MX-10 Extreme
23809150 Lamp shade, MX-10 Extreme
23809160 Module plate, MX-10 Extreme
23809170 Trafo plate, MX-10 Extreme
23809540 Plate B, heatfilter, MX-10 Extreme
23810200 Plate, termoswitch, MX-10 Extreme
32023001 Closed cell expanded rubber 3.5 x 5mm
33001028 Keyboard overlay, MX-10
33001037 Logo label, MX-10 Extreme
33120040 Label, PCB connections, MX-10
33120041 Label, switch print, MX-10
34000086 Cardboard box, 3 color, MX-10
34204015 Polystyren packing, MX-10
34240008 PLAST BAG 600/250x1200x0.05
35000117 User manual, MX-10
37000203 Locktite 406, 20 g
37000401 UV-glue, 150°C, 25 ml
37000801 Silicon glue clear, low temp. (220-250 °C)
37001201 Silicon glue, hightemp. (250°C), red
37021001 Locktite 243 250 ml.
37305002 CERAMO spray, max. 1400°C
41002046 Elliptic reflector, D=65, 6/25
41102015 Heat reflection filter, 34x34mm
41201046 Lens, Meniscus, D=40, coated
41201048 Lens, Biconvex, D=50, coated
41202020 Lens, D=60, achromat, coated

41300010 Prism, Asph/plano, D=47, 3 facets, coated
41400020 Mirror Pro 918 elliptic 190 x 135 x 1.2 mm.
43082006 Paint mix Mag507, MX-10
43082007 Paint mix Blu104, MX-10
43086001 Open gobo, Ø22,5/17 HT-painted
43086023 Eclipse, MX-10, HT-paint
43086024 Sun, MX-10, HT-pain
43086025 Oriental fire, MX-10, HT-pain
43086026 Shark bar, MX-10, HT-paint
43086027 Tail spin, MX-10, HT-paint
43086028 Triangle, MX-10, HT-paint
43086029 Phat fan, MX-10, HT-paint
46404602 Yellow 603, "trap (R28,5;R51,4)x21, 1"
46404603 Blue 104, "trap (R28,5;R51,4)x21,1"
46404604 Pink 312, MAC 250 shape
46404608 Magenta 507, "trap (R28,5;R51,4)x21,1"
46404609 Blue 101, "trap (R28,5;R51,4)x21,1"
46404610 Orange 306M, "trap (R28,5;R51,4)x21,1"
46404631 Blue 108 IAD, "trap (R28,5;R51,4)x21,1"
46404633 Dichr. CTC5500-2900K V2 MAC250 shape
46404634 Purple 502, MAC 250 shape
46404635 Green 206iad, MAC 250 shape
46404637 Red 301iad, MAC 250 shape
46404644 Dark Green, MAC 250 shape
55145080 Lamp socket module, MX-10
55145170 Gobo/color module, MX-10
55145180 Prism module, MX-10
55145190 Dimmer module, MX-10
55145200 Lens module, MX-10
55145220 Tilt module, MX-10
55145230 Pan module, MX-10
55145470 Module holder, MX-10 Extreme
55225054 MAC250, Focus module,
62000081 PCB, mainboard, MX-10, tested
62000082 PCB, display/keyboard, MX-10, test
62003010 PCB hall sensor, MAC250 Pro, mounted
62003017 PCB Hall sensor MAC2000 Performance
62004547 PCB connector, 3x(1x3pol)
62004592 PCB, 3pin XLR, m/f
62004593 PCB connector, 4x4pol, no print
62005006 PCB Voltage/Feq. select, Asmb
62107030 Socket -SIL 3 pin
62203173 Wire, hall sensor, 70mm, 3-3pol
62205210 Wire, stepmotor, 360mm w.pl/flex
62222046 Fan, 12V DC, 3`, igh speed, w. plug, 50mm wire
62223024 35uF, w. plugs , 170mm
62226004 Stepmotor 339017 w. plug, 200mm wire

62323024 Heatfilter module, MX-10 Extreme
62324008 Dimmerplate w.adaptor, Left, MAC 250
62324009 Dimmerplate w.adaptor, Right, MAC 250
62324016 Prism flag
62325021 Plate f. rot. gobowheel, M250
62326044 Colorwheel module, MX-10
62329001 MAC500 Prism lens asmb.
62333029 Mirror module, MX-10
62334034 Arm glued w. wire, MX-10
62400077 Tuberubber, spacer, d=4 D=9 l=14mm
62400107 Prism lens asmb. w.bearing, MAC 250
62400238 Bearing adaptor, prisme, HT-painted
62400260 Gobowheel module, MX-10
62400333 Belt pulley, prism, MAC 500, HT-paint
62400338 Adaptor, open gobo, effect module, MAC 250, HT-paint
62400342 Adaptor, lamp socket, MX-10, HT-paint
62400343 Ajustment socket, MX-10, HT-paint
62400368
62420009 Fingerscrew,assembled QFX
97010100 Lamp MSD 250/2
98120015 Martin labels sheet, Martin labels 7 pcs.
02005112 XC161 CMOS 16 bit uP, 40MHz
02005424 PIC16F73-i/SO
02011501 M41T56 timekeeper, SRAM, SMD
02012542 XC2S15-5VQ100 FPGA, SMD, VQFP
02034507 16K bit Serial Eeprom SMD, 93LC86 / SN
02050102 74 HCT 14 HEX inverting Schmitt Trig,SMD
02050106 74 HCT 132 Quad Nand Schmitt trig, SMD
02050112 74 HCT 244 Octal Bus buffer,SMD
02050118 74 HCT 574 OCTAL LATCH ,SMD
02050122 74 HCT 595 serial Octal LATCH ,SMD
02050123 74HCT4053D Analog switch
02050301 74 HC 05 HEX inverting open collect or,SMD
02050302 74HC03D-TR NAND OC
02100202 LM 358 Dual opamp, SMD
02105225 LD1117, 2.5V, 800mA volt reg, SMD
02105233 LD1117, 3.3V, 800mA volt reg, SMD
02105250 LM317L, 100mA voltage reg.,SMD
02105602 L5970D Tape 1A Step Down SMPS
02105801 Isolated 5V DC-DC converter, 3 kV
02121010 ULN2803A stepmotor driver, standard
02121014 Dual Full Bridge Driver, L6204, DIP
02121300 ULN2003, Darlington array, SMD
02121600 ADM 705 AR supervisory circuit, SMD
02121805 75C176 BiCMOS RS485 Transceiver SMD
02123001 Hall Sensor
02123201 TSL235 Light to frequence converter

02200002 6N137 Opto photo IC
02200500 TLP131, opto photo transistor, SMD
02204001 IR Photomodule 38 KHZ,3V, side view
02300401 BC 847B , SMD
02301201 BC 857B , SMD (BC557)
02320400 FDV303N, n-mosfet, 0, 68A, 25V
02321206 IRLML5103 P-CH MOSFET 0.6A, -30V, Rdson=0.6 Ohm. SOT-23
04020328 2.2 nF 250V Y2 film capacitor
04020344 220nF, X2, 250V film capacitor
04030078 35uF, 250V, 500mm wire
04040236 100uF, 25V, electrolytic, radial
04040252 2200uF, 25V, electrolytic, radial
04040340 220uF, 35V, electrolytic, radial
04040553 2200uF, 50V, electrolytic, radial, h=25mm
04050040 10uF, 1210 ceramic, SMD
04050140 2.2nF, 50V, ceramic, SMD
04050148 10nF, 50V, ceramic, SMD
04050160 100nF, 50V, ceramic, SMD
04050168 470nF, 50V, ceramic, SMD
04050217 27pF, 63V, ceramic, SMD
04050232 470pF, 50V, ceramic, SMD
04051114 22PF 0603 NPO 50V 5% CER
04051115 18PF, 0603, NPO, 50V, 5% CER
04051122 220pF 0603 X7R 50V 5% CER
04051132 470nF, 50V, ceramic, SMD 0603
04051136 1nF, 50V, ceramic, SMD 0603
04051151 22NF 0603 X7R 25V 5% CER
04051155 47NF 0603 X7R 16V 10% CER
04051160 100nF, 16V, ceramic, SMD 0603
04080100 10uF, 16V, electrolytic, SMD
04080512 1uF, 50V, electrolytic, SMD
04080513 2.2uF, 50V, electrolytic, SMD
04170000 0 OHM RESISTOR, SMD
04170256 47 Ohm, resistor, SMD
04170308 120 Ohm resistor, SMD
04170332 220 Ohm resistor, SMD
04170372 560 Ohm resistor, SMD, 1206
04170472 5K6 OHM RESISTOR, SMD
04170700 1M0 OHM RESISTOR, SMD
04171116 1.5 OHM RESISTOR, SMD 0.25W
04171132 2.2 OHM RESISTOR, SMD 0.25W
04176000 0R OHM, 5% 0.06W, SMD 0603
04176100 10R Ohm resitor, 1% 0.1W, SMD
04176200 100R, 1% 0.06W, SMD 0603
04176340 560R OHM, resistor, 1% 1/10W, SMD 0603
04176356 390R OHM, 5% 0.06W, SMD 0603
04176372 560R OHM RESISTOR, 1% 1/10W, SMD 063

04176380 680 OHM RESISTOR, 1% 1/10W, SMD 0603
04176400 1K Ohm resistor, 1% 0.1W, SMD 0603
04176424 1K8 Ohm, 1% 0.1W, SMD 0603
04176432 2K2 Ohm resistor, 1% 0.1W, SMD 0603
04176448 3K3 OHM, 5% 0.06W, SMD 0603
04176464 4K7 Ohm resitor, 1% 0.W, SMD 0603
04176472 5K6 OHM RESISTOR, 1% 1/10W, SMD 0603
04176480 6K8 Ohm resitor, 1% 0.1W, SMD 0603
04176488 8K2 OHM RESISTOR, 1% 1/10W, SMD 0603
04176500 10K OHM RESISTOR, 1% 1/10W, SMD 0603
04176532 22K OHM RESISTOR, 1% 1/10W, SMD 0603
04176540 27K Ohm, 1% 0.1W, SMD 0603
04176564 47K OHM RESISTOR, 1% 1/10W, SMD 0603
04176600 100K Ohm resitor, 1% 0.1W, SMD 0603
04176664 470K OHM RESISTOR, 1% 1/10W, SMD 063
04176700 1M Ohm, 1% 0.1W, SMD 0603
04176716 1M5 Ohm resistor, 1% 0.1, SMD 0603
04200201 100 ohm resistor, 1W, SMD
04251003 1K Ohm NTC thermistor 2%
04260320 4K7 Ohm (x4) 5%, 50V res. array
04260324 10K Ohm (x4) 5%, 50V res. array
04301001 BAS32L-115 (1N4148) , SMD
04301010 BAT54S, dual shottky diode
04301013 Diode Schottky 15MQ040N SMA 40V, 2.1A Vf=0.42
04302009 Bridge 6A/600V GBU6J
04307002 6V8, diode transil
04307004 Diode transil, 10V
04307005 Diode Transil 15V / 600W, SMD DO214AA
04307012 Diode Transil 39V / 600W, SMD DO214AA
04310004 LED 3mm Red
04310016 3mm YEL LED DIFF 5-12.5MCD
04311001 LED 3mm Green
04311002 LED 3mm Red
04312012 LED 13.8mm, yellow, 14 segment
04350202 X-tal, 32.768kHz, watch
04350220 X-tal, 20MHz, HC49, SMD
04400204 Inductor 47uH 1.1A SMD (Alternative from SUMIDA)
04400413 Noise sup choke, H 2x0.5mH, 4.5
04401102 Magnet 2x2x2 mm
04520006 Step-up 250VA, 24v/10.5v/11v
04540010 Ballast, 250W, 210/60Hz, 225/60Hz, 225/50Hz
05000001 Relay, 12V, 16A, single, high current
05020009 Fuse, 2 A, slow blow
05020020 Fuse 6.3 AT
05030001 Fuse holder PCB, plastic support
05040009 140` Thermostat Open
05120015 Socket-IC 20 pin tulip

05120050 Socket-SIL 20 pin
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
05144003 Header 3 pole 2.54mm, PCB, coded
05144004 Header 4 pole, 2.54mm, PCB , coded
05144012 Header 2 pole 5.0mm molex PCB
05144014 Header 4 pole 5.0mm molex PCB
05144018 Header 3p, 2.54mm PCB
05144019 Header 4p, 2.54mm PCB
05144020 Header 6p, 2.54mm PCB
05144060 Header, 40 pole, PCB sil
05144061 Heade, 6 pole PCB sil
05144103 Header 3 pole, angle 2.54mm, PCB
05144112 Header angle 2 pole 5.0mm molex PCB
05144116 Header angle 6 pole 5.0mm molex PCB
05144403 Plug 20 pole PCB dual in line
05144436 Header, 6 pole ang., PCB, schrouded
05144447 Header 10 pole, PCB, DIL, schrout
05149002 Spade plug 6.3mm male , angle PCB
05221205 Socket, halogen lamp, GY9.5, 400mm wire
05247202 AC socket, IEC, chassis mount, w/o fuse holder
05247204 Fuse holder for P/N 05247202
05323514 Plug, MTA female, angle, wire, 4 pole, yellow, 0.12-0.14#
05323522 Plug MTA female angle, wire, 2 pole , natural, 0.20-0.22#
05323523 Plug, female angle, wire, 3 pole, natural, 0.20-0.22#
05323524 Plug, female angle, wire, 4 pole, natural, 0.20-0.22#
05328405 Cable plug, 6.3 mm female, single, faston, insolated
05501201 Tact Switch SMD h = 9.5mm
05503402 Switch 2pol PCB straight,
05503403 Switch 5pol PCB straight,
05701401 Stepmotor (Lo Detent), w/o wire
05701601 Stepmotor, standard small (micro), w/o wire
05701602 Stepmotor, NMB, standard small, wire 1100mm, 22mm shaft
05701604 Stepmotor, standard medium 12V , w/o wire
05701605 Stepmotor, standard medium, 12V, w/o wire
05701606 Stepmotor, standard medium, 9V micro, w/o wire
05701801 TG stepmotor micro
05741202 Fan 12V DC Brushless 3" high speed
05749001 Guard for fan 3"
05801001 Batteri 3V Lithium ,PCB
05830001 Electret condensor Microphone
06020005 Starter 200W serial
08030402 M2.5x6 taptite, Phillips, black
08050401 M3x4 screw, Phillips, ph, black
08050402 M3x5 taptite, Phillips, ph, black

08050700 M3x6 taptite, Torx, ph, black
08050701 M3x8 taptite, Torx, ph, black
08050702 M3x6 screw, Torx, ph, black
08050706 M3x12 screw, Torx 10, ph, black
08050802 M3x6 screw, Torx, cs, black
08050803 M3x8 screw, Torx, cs, black
08050804 M3x8 taptite, Torx, cs, black
08052601 M3 hex nut, black
08052701 M3 hex lock nut
08053804 M3x6 stand off, f/f, brass
08053806 M3x7 stand off, m/f, black
08053807 M3x10 stand off, m/f, black
08053817 M3x14 stand off, f/f
08054301 M3 Washer
08070402 M4x10 screw, Phillips
08070406 M4x12 taptite, Phillips, ph, black
08070407 M4x16 screw, Phillips, ph, black
08070409 M4x20 taptite, Phillips, ph, black
08070701 M4x10 taptite, Torx, ph, black, Paint cut
08071002 M4x10 hex cap screw, black
08071201 M4x6 screw, Allen
08071205 M4x60 screw, Allen, black
08071501 M4x5 set screw
08072307 M4 thumb screw
08072901 M4 hex domed nut, black
08073601 M4 blind rivet nut, cs
08073603 M4 blind rivet nut
08074303 M4 washer, 4.3x9.6x1.25
08111003 M6x16 hex cap screw
08111202 M6x12 screw, Allen, black
08111217 M6x16 screw, Allen, black
08112701 M6 hex lock nut, PA-insert
08113601 M6 blind rivet nut, hex
08113803 M6x55, stand off, m/f
08113804 M6 cover caps f. Allen screw
08114102 M6 cage nut
08114301 M6 washer, black
08131302 M8x35 screw, Allen, cs
08132102 M8x30 woodbolt, elforz HFC9380
08132306 M8, adjustable handle, 79mm
08132701 M8 hex lock nut, PA-insert
08134301 M8 washer, black
08190101 2.9x4.5 self-tap, Phillips
08190104 2.9x9.5 self-tap, Phillips, ph, black
08190105 2.9x16 self-tap, Phillips, ph
08190202 3.5x6.3 self-tap, Phillips, ph, black
08200102 2.9x6.5 Plastite, ph, black

08200106 4x8 eco-syn, ph, black
08200107 5x12 Plastite, ph, black
08200109 2.2x6 eco-syn, cs
08220101 3.2mm x 6 Rivet Black
08220103 3.2mm x 8 Rivet Black
08230102 Locking ring , outside
08230104 Retaining ring, 25mm shaft
08230502 Locking ring for Idle wheel
08240117 Push/pull Latch, male, plastic
08240118 Push/pull Latch, female, plastic
08250101 Locking device, steel wire, D=1.5mm
08250303 Safety hook, 4X40mm, galvanized
11040520 Wire, yellow/green, 1x0.75#, 11cm
11501013 Mains cable I.E.C. 3pin , 3 m
11602002 Wire for stepmotor, 50cm, 4 wire, NMB, high flex
11700004 Wireset 4x0.14# ,2 fem. plugs, black
11700020 Wireset, 4x0.3#, 2 fem. ;12; 45cm
11730005 Wire for fan, 260mm
11740002 Wire, hall sensor, 250mm, 3-3 pol
11750005 Wireset, 10 pole , 15cm, flatcable
11850009 Wireset, high-volt., MX-10
11850010 Wireset, high-volt, mains, MX-10
11860052 Wireset, motors, MX-10
11860053 Wireset, pan/tilt, MX-10
13101002 Cabel clamp, 3mm plade
13101008 Wire retainer, flexible
13104000 Strap, black , high temp, 2.5x98mm
13104003 Strap, black, 3.6x140mm
13104004 Strap, black, 4.8x290mm
13104020 Strap, auto, high-temp., 2.5x103mm
13105000 Cable bearer, selfadhesive, 12.7x12.7mm, h=15.8mm
13105002 Cable bearer, black, 14x10.5x6mm
13200001 9.5x13mm Rubber nipple plate 1.5
13200002 9.5x13mm Rubber nipple plate 3.0
15800000 Sleeve flexible ,hose 5mm, black
15802003 Silicon/glass sleeve, d=7mm, black
15804000 Sleeve tube flexible 10mm, black
16000030 Timing pulley T2.5 , Z =24
16000120 Timing pully, T2.5, Z=24, d=5, drilled
16000160 Timing belt pulley for prism, MAC 500, degreased
16000181 Belt pulley for prism, MAC 500, HT
16040060 Timing belt l=200, w=4mm, T=2.5, green
16100080 Idle wheel for ball bearing, turned
16100100 Pulley ø50, Effect module M250 degreased
16120070 Belt, VITON, d=75.87mm x 2.62mm
16120080 Belt d=66.34 x 2.62 mm black
16120100 Belt 133.07 x 1.78 mm , black

16170020 Spindel for focus, effect module M250
16170030 Plastic guide for focusmodule, effect module M250
16300090 Adaptor pulley, Effect module M250 degreased
16300131 Adaptor w. 5mm hole, degreased
16300300 Adaptor w. 5mm hole and thread
16320100 Adaptor w. flange, d=6.35
16520010 Damper plastic for $\varnothing 6,35$
16520070 Damper plastic for $\varnothing 5.0$ mm shaft
16700020 Sliding bearing, Oil bronze
16720110 Shaft for bearing,MAC600, degreased
16760021 Closed Ball Bearing, 608 ZZ, Uniway LIX 625
16760060 Ball bearing, D=37, d=25, b=7
16760071 Ball bearing 1, D=27, d=20, b=4
16760100 Ball bearing, D=58, d=45, b=7
16900040 Bearing frame for prism, MAC 500, degreased
16920021 Plastic gobo bearing housing
17000270 Plate for colorwheel, Effect module M250 punched
17020021 Plate, rot. gobowheel, MX-10
17040050 Dimmer plate, MAC 250
17060010 Prism flag, Prism module M250 degreased
17200560 Adaptor for focuslens $\varnothing 60$, Effect module M250
17300080 Plastic adaptor for Colorfilter M250, Gray
17320150 Goboguide, rotating MAC250, HT-painted
17700030 Spring washer D= 21,8 d= 14 s= 0,3
17740010 Spring for damper, RS918
17760130 Circular spring, d=18x1.0
17760160 Spring $\varnothing 43 \times 1.4$ Focus, MAC250, bent
17760170 Spring $\varnothing 56 \times 1.4$ Focus, MAC250, bent
17760190 Gobo Spring, 4 bends, MAC250
17760250 Spring for MAC 250-size gobos, 2 bends
17760340 Circular spring, 41/1.7
17780080 Spring for replacable colors, MAC250+
17780260 Adjustment spring, MX-10
17820100 Spacer Plate for Colorwheel, RS 918, degreased
18000190 Mek. stop for 1220 dimmer, burnished
18000310 Mech. stop, d=5x18+WAF6x4+M3x7.5, black
18000320 Mech. stop, d=5x22+WAF7x3+M4x10, female
18020080 Plate for Dimmer stop, Dimmer module M250 painted
18220090 Bridge for Hall PCB, MAC250+
20000260 Bracket, tilt, MX-10
20000270 Bracket, pan, MX-10
20200491 Adjustment plate, MX-10
21020911 Mounting bracket, MX-10
21021020 Lock, mounting bracket, MX-10
23400990 Front ring, plast, MX-10
23401000 Rear plate, plast, MX-10
23401010 Main shell, plast, MX-10

23401020 Pan/tilt house, plast, MX-10
23401030 Mould, pan/tilt house, MX-10
23401040 Mould, base, LH, MX-10
23401050 Mould, base, RH, MX-10
23401061 Arm, alu., MX-10
23801570 Plate for focus, Effect module M250 painted
23801580 Plate for focusstop, Effect module M250 painted
23807330 Plate, gobo/color, MX-10
23807380 Plate, prism module, MX-10
23807390 Plate, dimmer module, MX-10
23807400 Plate, lens module, MX-10
23807410 Plate, pan/tilt, MX-10
23807420 Plate, mechanical stop, MX-10
23807430 Guard, cover, MX-10
23807440 Lens support, MX-10
23807560 Main plate, chimney, MX-10
23807570 Wing plate, chimney, MX-10
23807580 Wing plate, ekstra, chimney, MX-10
23807590 Heat guard, reflector, MX-10
23807600 Plate, reflector module, MX-10
23807610 Plate, thermo switch, MX-10
23807620 Plate, airshield, MX-10
23807630 Plate, airshield, extra, MX-10
23807640 Trafo plate, MX-10
23807650 Rear plate, MX-10
23807660 Light shield slide, MX-10
23807670 Plate, switch PCB, MX-10
23807690 Plate, fan, MX-10
23807700 Plate for air duct, MX-10
23807710 XLR plate, MX-10
23807720 False light plate, MX-10
23807730 PCB mounting plate, MX-10
23807741 Cover plate, PCB, MX-10
23807780 Mounting plate, PCB display, MX-10
23807790 cover plate, PCB display, MX-10
23807800 Light shield, fan, MX-10
23807810 Light shield, switch, MX-10
32023001 Closed cell expanded rubber 3.5 x 5mm
33001027 Logo label, Mx-10
33001028 Keyboard overlay, MX-10
33120040 Label, PCB connections, MX-10
33120041 Label, switch print, MX-10
34000086 Cardboard box, 3 color, MX-10
34204015 Polystyren packing, MX-10
34240008 PLAST BAG 600/250x1200x0.05
35000117 User manual, MX-10
37000203 Locktite 406, 20 g

37000401 UV-glue, 150°C, 25 ml
37000801 Silicon glue clear, low temp. (220-250 °C)
37001201 Silicon glue, hightemp. (250°C), red
37021001 Loctite 243 250 ml.
37305002 CERAMO spray, max. 1400°C
41002045 Ellipsoidal reflector D=66 MAC250/ Synchro Zap
41102015 Heat reflection filter, 34x34mm
41201046 Lens, Meniscus, D=40, coated
41201048 Lens, Biconvex, D=50, coated
41202020 Lens, D=60, achromat, coated
41300010 Prism, Asph/plano, D=47, 3 facets, coated
41400020 Mirror Pro 918 elliptic 190 x 135 x 1.2 mm.
43082006 Paint mix Mag507, MX-10
43082007 Paint mix Blu104, MX-10
43086001 Open gobo, Ø22,5/17 HT-painted
43086023 Eclipse, MX-10, HT-paint
43086024 Sun, MX-10, HT-pain
43086025 Oriental fire, MX-10, HT-pain
43086026 Shark bar, MX-10, HT-paint
43086027 Tail spin, MX-10, HT-paint
43086028 Triangle, MX-10, HT-paint
43086029 Phat fan, MX-10, HT-paint
46404602 Yellow 603, "trap (R28,5;R51,4)x21, 1"
46404603 Blue 104, "trap (R28,5;R51,4)x21,1"
46404604 Pink 312, MAC 250 shape
46404608 Magenta 507, "trap (R28,5;R51,4)x21,1"
46404609 Blue 101, "trap (R28,5;R51,4)x21,1"
46404610 Orange 306M, "trap (R28,5;R51,4)x21,1"
46404631 Blue 108 IAD, "trap (R28,5;R51,4)x21,1"
46404633 Dichr. CTC5500-2900K V2 MAC250 shape
46404634 Purple 502, MAC 250 shape
46404635 Green 206iad, MAC 250 shape
46404637 Red 301iad, MAC 250 shape
46404644 Dark Green, MAC 250 shape
55145080 Lamp socket module, MX-10
55145170 Gobo/color module, MX-10
55145180 Prism module, MX-10
55145190 Dimmer module, MX-10
55145200 Lens module, MX-10
55145220 Tilt module, MX-10
55145230 Pan module, MX-10
55225054 MAC250, Focus module,
62000081 PCB, mainboard, MX-10, tested
62000082 PCB, display/keyboard, MX-10, test
62003010 PCB hall sensor, MAC250 Pro, mounted
62003017 PCB Hall sensor MAC2000 Performance
62004547 PCB connector, 3x(1x3pol)

62004592 PCB, 3pin XLR, m/f
62004593 PCB connector, 4x4pol, no print
62005006 PCB Voltage/Freq. select, Asmb
62107030 Socket -SIL 3 pin
62203173 Wire, hall sensor, 70mm, 3-3pol
62205210 Wire, stepmotor, 360mm w.pl/flex
62222046 Fan, 12V DC, 3`, igh speed, w. plug, 50mm wire
62223024 35uF, w. plugs , 170mm
62226004 Stepmotor 339017 w. plug, 200mm wire
62323021 Heat filter module, MX-10
62324008 Dimmerplate w.adaptor, Left, MAC 250
62324009 Dimmerplate w.adaptor, Right, MAC 250
62324016 Prism flag
62325021 Plate f. rot. gobowheel, M250
62326044 Colorwheel module, MX-10
62329001 MAC500 Prism lens asmb.
62333029 Mirror module, MX-10
62334034 Arm glued w. wire, MX-10
62400077 Tuberubber, spacer, d=4 D=9 l=14mm
62400107 Prism lens asmb. w.bearing, MAC 250
62400238 Bearing adaptor, prisme, HT-painted
62400260 Gobowheel module, MX-10
62400333 Belt pulley, prism, MAC 500, HT-paint
62400338 Adaptor, open gobo, effect module, MAC 250, HT-paint
62400342 Adaptor, lamp socket, MX-10, HT-paint
62400343 Ajustment socket, MX-10, HT-paint
62400368
62420009 Fingerscrew,assembled QFX
98120015 Martin labels sheet, Martin labels 7 pcs.

**Order your Spare Parts here -> <http://www.lichtboxx.com/index.php/cPath/158/language/en>
www.lightspares.com | ©MS Lichttechnik GmbH, Hirschstettner Strasse 19A, 1220-Vienna, Austria**