











For safety critical components please contact Labgruppen for the right manufacturer							
Item number	Safety Critical	Item name	Replaces	Designator	Service level		
					1	2	3
Power Amp-supply		See Restriction nr3 on how to find our item names					
SP10A10D-06Ac		SMPS 1kW Forward+Amplifier Module 1 kW class D rev.06 ver.Ac					x
FQP8N80C		Transistor Mosfet N-Channel 8A 800V TO-220		Q102			x
IRFB5615		Transistor Mosfet N-Channel 35A 150V TO-220		Q205, Q211, Q214, Q217			x
PCSPCO10A12VB		Relay Pcb Single Pole Change Over 10a 12v type B		RE101			x
V150LA20BP		Varistor V150LA20BP		VDR100, VDR101			x
4700u80V35x30		Capacitor Electrolytic 4700u 80V 35x30mm		C103, C113			x
T3A15H250-5x20		Fuse Slow Blow 3.15AH 250v 5x20mm		F100			x
CLGWB		Clip Gull Wing type B		CL1			x
CLTO220x2GW		Clip TO220x2 Gull Wing		CL2, CL3, CL4			x
ISAO28X17		Insulator Aluminium Oxide 28x17mm		IN10, IN11, IN12			x
47N2001206X7R10%		CAPACITOR 47N 200V SURFACE MOUNTED 1206 X7R 10%		C203, C207			x
100N1001206X7R10%		CAPACITOR 100N 100V SURFACE MOUNTED 1206 X7R 10%		C200, C232, C233, C262			x
IRF7416		TRANSISTOR MOSFET 30V IRF7416 SO-8		Q110			x
IRF7807		TRANSISTOR MOSFET N- CHANNEL 6.6A 30V SO-8		Q109, Q111			x

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TSCTO220B		Thermo-Silicone Cap TO-220 type B		IN9			x
NTC100KPEFILM		Resistor Ntc 100k Pe Film		NTC1, NTC201			x
NTC10R		Resistor Inrush Current Limiter 10R 3.7A 20%		NTC100			x
GBU604		Diode Bridge Rectifier GBU604 6A 400V		D101			x
FEP16GT		Diode Power Rectifier FEP16GT 16A 400V		D126, D130			x
TOP253PN		Ic Switcher Offline TOP253PN 8DIP		IC110			x
F6A3250-R2M		Fuse fast blow 6.3A 250V Radial 8.35x7.7mm 2 Modules		F1, F2			x
IRS20956S		Ic Digital Audio Driver IRS20956S		IC201, IC205			x
ES1D		Diode Ultra-fast ES1D 1A 100V SMA		D114, D116, D118, D120			x
MC33078D		IC Operational Amplifier MC33078D SOIC-8					X
330u200V22x30		Capacitor Electrolytic 330u 200V 10mm 22x30		C109, C118			x

Power Amp							
A11D-04Ac		Amplifier Module 1.1kW class D rev.04 vers.Ac					x
IRFB5615		Transistor Mosfet N-Channel 35A 150V TO-220		Q205, Q211, Q214, Q217			x
CLTO220x2GW		Clip TO220x2 Gull Wing		CL1, CL2			x
47N2001206X7R10%		CAPACITOR 47N 200V SURFACE MOUNTED 1206 X7R 10%		C203, C207			x
100N1001206X7R10%		CAPACITOR 100N 100V SURFACE MOUNTED 1206 X7R 10%		C200, C232, C233, C262			x
NTC100KPEFILM		Resistor Ntc 100k Pe Film		NTC201			x

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F6A3250-R2M		Fuse fast blow 6.3A 250V Radial 8.35x7.7mm 2 Modules		F1, F2			x
IRS20956S		Ic Digital Audio Driver IRS20956S		IC201, IC205			x
ISAO28X17		Insulator Aluminium Oxide 28x17mm		IN6, IN7			x

INPUT and OUTPUT							
AICO2C-05Cb		AICO 2channel type C rev.05 ver.CB					x
VR10KLIN21H		Potentiometer 10k Lin 21step Horizontal		VR1, VR101			x
SLSV1-1PC901M		Switch Slide singel vertical SPDT on- on PCB 90dg 1M		S1, S101, S102, S2			x
TBPI3P90M2M		Terminal Block Plug In 3pole 90dg Male 2module		P102, P2			x
TBPI2P90F3M		Terminal Block Plug In 2pole 90dg Female 3 Modules		P104, P4			x
TBPI4P90M2M		Terminal Block Plug In 4pole 90dg Male 2module		P404			x
IECC14-PA-PC		IEC Inlet Type C14. Panel Mount PCB		P409			x
PBSPDTV9-2		Push button Single Pole Double Throw Vertical PCB mount		SW403			x
PB3FTL6RAS		Switch Push button Pcb 3FTL6RAS		SW403			x

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Part list


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Cables						
CAC2x31M260		Cable Assembly Contact 2x3pole 1M L260mm				x
CAC2x41M140		Cable Assembly Contact 2x4pole 1M L140mm				x
CAC2x71M145		Cable Assembly Contact 2x7pole 1M L145mm				x
Chassis						
EFPH-E2-2		Exterior Front Panel type H for E2:2				x
CH1UC		Chassi 1 Unit type C				x
INAICO4		Insulation Aico4				x
INAICO2C		Insulation Aico2C				x
TCE-PVC		Top Cover for E-series PVC coated				x
SRPE2-2B		Sticker Rear Panel E2-2 Type B			x	
DCS1UB-PBLK		Dustfilter Clip Steel Unit type B Painted Black				x
Miscellaneous						
F40x28-12		Fan 40x40x28mm 12vdc				x
KNBD12H3POS		Knob D12 H3 Black Push-on Slot			x	
UI7LA02b-F01		User Interface 7led type A rev.02b Final assembly type 01				X
KNBD13H7		Knob D13 H7 Black				x
FS30x12x2.7		Foam Sticker 30x12x2.7mm				x
K-IES2CH		Kit Installation E-series 2ch			x	
PPEFP1UA		Packing PE Foam Profile 1 Unit type A		X		

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PEPPC1UB		Packing EPP Corner 1 Unit type B			X		
B535x376x115LAB3		Box 535x376x115mm type 0427 Cardboard White Lab.gruppen 3			x		
QSG-ESB		Quick Start Guide for E series type B			X		
MLUS30A3x12AWG2 m		Mains Lead Usa 30a Plug Type Nema L5-30p 3xawg12 2m Black				X	
PLGD2X1P		Plastic Light Guide D2mm 1 pole					x
PLG2X8X1P		Plastic Light Guide 2x8mm 1 pole					x

List of all safety critical components						
SP10A10D						
0R202W1%2512		RESISTOR CHIP 0.20R 2W 1% SURFACE MOUNTED 2512		R134		x
15UHFQP-26/20		INDUCTOR 15UH FQP-26/20 CORE		L200, L203		x
1K5.25W1%1206		RESISTOR 1K5 .25W 1% SURFACE MOUNTED 1206		R196, R197, R198, R199, R257, R260		x
2N2Y10		CAPACITOR 2N2 Y2 METALLIZED PAPER 10MM		C100		x
470K.25W1%1206		RESISTOR 470K .25W 1% SURFACE MOUNTED 1206		R103, R108, R113		x
4N7Y10		CAPACITOR 4N7 Y2 METALLIZED PAPER 10MM		C114, C115		x
4R7.125W1%0805		RESISTOR 4R7 .125W 1% SURFACE MOUNTED 0805		R100		x
F6A3250-R2M		FUSE FAST BLOW 6.3A 250V RADIAL 8.35X7.7MM 2 MODULES		F1, F2		x
FBLPPC5X209M		FUSEBLOCK LOW PROFILE PCB 5X20MM FUSE 9M		FH102		x
INSP10A10D		INSULATION FOR SP10A10D		IN1		x
ISAO28X17		INSULATOR ALUMINIUM OXIDE 28X17MM		IN10, IN11, IN12		x
ISSR28X35		INSULATOR SILICON RUBBER 28X35MM		IN8		x
MH2X41ML		MOUNTING HEADER 2X4POLE 1MODULE LOCKING		CON3		x
MH2X71ML		MOUNTING HEADER 2X7POLE 1MODULE LOCKING		CON2		x
NTC100KPEFILM		RESISTOR NTC 100K PE FILM		NTC1, NTC201		x

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NTC10R		RESISTOR INRUSH CURRENT LIMITER 10R 3.7A 20%	NTC100			x
PCSPCO10A12VB		RELAY PCB SINGLE POLE CHANGE OVER 10A 12V TYPE B	RE101			x
PH6PL3.96_AMP		PIN HEADER PCB 6POLE LOCKING 3.96MM AMP 640445-6	CON1			x
SFH615A-2X006		IC OPTOCOUPLER SFH615A-2X006 DIP-4	PE101, PE102, PE103			x
SP10A10D-06		PCB SMPS 1KW FORWARD+AMPLIFIER MODULE 1 KW CLASS D REV.06	PCB			x
SPBA70.27A		STICKER PBA70.27A UL RECOGNIZED FOR SP10A10D-XXAX	ACC4			x
T13WFEF20		TRANSFORMER 13W FLYBACK EF20 CORE	T101			x
T200WFEER35L		TRANSFORMER FORWARD 200W FEER-35L CORE	U5			x
T3A15H250-5X20		FUSE SLOW BLOW 3.15AH 250V 5X20MM	F100			x
TMPOPC4.8X.5		TERMINAL MALE PUSH ON PCB 4.8MM X 0.5MM	CON4, CON5			x
TSCTO220B		THERMO-SILOCONE CAP TO-220 TYPE B	IN9			x
U22X15		CAPACITOR 220N X2 METALLIZED PROPYLENE 15MM	C107, C108			x
V150LA20BP		VARISTOR V150LA20BP	VDR100, VDR101			x
















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Part list

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A11D						
15UHFQP-26/20		INDUCTOR 15UH FQP-26/20 CORE		L200, L203		x
A11D-04		PCB AMPLIFIER MODULE 1.1 KW CLASS D REV.04		PCB		x
F6A3250-R2M		FUSE FAST BLOW 6.3A 250V RADIAL 8.35X7.7MM 2 MODULES		F1, F2		x
INA11D		INSULATION FOR A11D		IN1		x
ISAO28X17		INSULATOR ALUMINIUM OXIDE 28X17MM		IN6, IN7		x
MH2X41ML		MOUNTING HEADER 2X4POLE 1MODULE LOCKING		CON3		x
NTC100KPEFILM		RESISTOR NTC 100K PE FILM		NTC201		x
PH6PL3.96_AMP		PIN HEADER PCB 6POLE LOCKING 3.96MM AMP 640445-6		CON2		x

AICO2C						
1N250VY2Y5P10		CAPACITOR CERAMIC 1N Y2 Y5P 10MM		C427, C428		x
47NX15		CAPACITOR 47N X2 METALLIZED PAPER 10MM		C426		x
AICO2C-05		PCB ANALOGUE INPUT CONTROL 2CH TYPE C REV 05		PCB		x
CAC2X41M140		CABLE ASSEMBLY CONTACT 2X4POLE 1M L140MM		P1, P101		x
CAC2X71M145		CABLE ASSEMBLY CONTACT 2X7POLE 1M L145MM		P401		x
CACTFPO2PX205		CABLE ASSEMBLY CRIMP TERMINAL FEMALE PUSH ON, 2POLE L205MM		CAB3		x

CACTFPOBLOR360		CABLE ASSEMBLY CTFPO, TWISTED BLACK/ORANGE L360MM		CAB2			x
CACTFPOBLWH320		CABLE ASSEMBLY CTFPO, TWISTED BLACK/WHITE L320MM		CAB1			x
CPC1035N		RELAY SOLID STATE SPNO CPC1035 SURFACEMOUNTED		U406			x
IECC14-PA-PC		IEC INLET C14 . PANEL MOUNT PCB		P409			x
LGRND3LYH		DIODE LED GREEN D3MM LYING WITH HOLDER		D103, D3			x
PBSPDTV9-2		PUSH BUTTON SINGLE POLE DOUBLE THROW VERTICAL PCB MOUNT		SW403			x
TBPI2P90F3M		TERMINAL BLOCK PLUG IN 2POLE 90DG FEMALE 3 MODULES		P104, P4			x
TBPI3P90M2M		TERMINAL BLOCK PLUG IN 3POLE 90DG MALE 2MODULE		P102, P2			x
TBPI4P90M2M		TERMINAL BLOCK PLUG IN 4POLE 90DG MALE 2MODULE		P404			x
Miscellaneous							
MLUS5-15-C13		Mains Lead Grounded Us Plug Nema 5-15 + Connector C13					x
TCE-PVC		Top Cover for E-series PVC coated					x
INAICO2C		Insulation Aico2C					x
CASO6P3.96L55		Cable Assembly Socket 6pole 3.96mm L55mm					x
INAICO4		Insulation Aico4					x
CH1UC		Chassi 1 Unit type C					x

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Part list

MLCNCH1-10P-C13		Mains Lead China Plug Type CH1-10P + Connector C13					x
SPCCC		Sticker Power Type CCC				x	
SAAT		Sticker Altitude And Tropics				x	
SRPE2-2CCC		Sticker Rear Panel E2-2 Type CCC				x	