



Parts Catalogue

**for Atronic e-motion™ gaming machines
using Hi(!)bility™ technology platform**



Rev. 2.3

May 2005

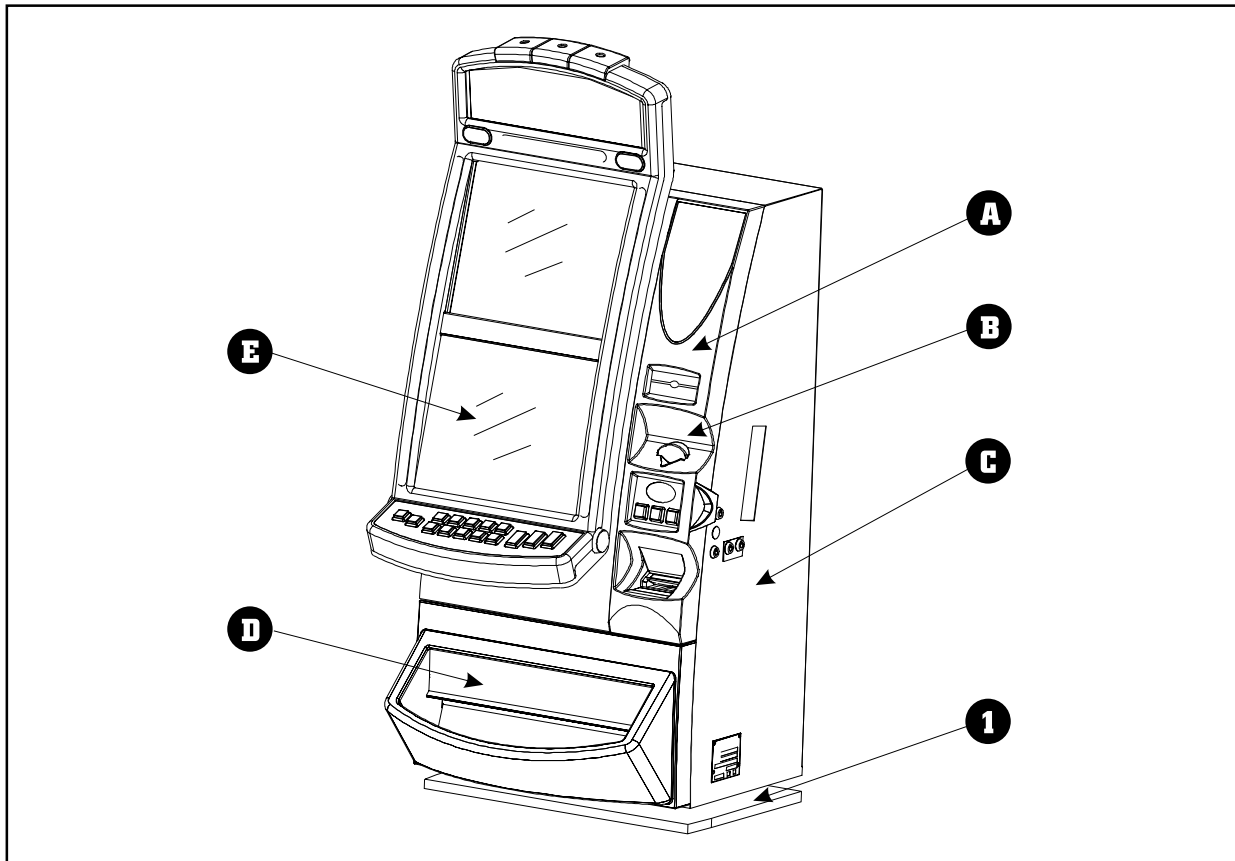
e-motion™ / Hi()bility™
Parts Catalogue

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Pos. SAP-No. Nomenclature

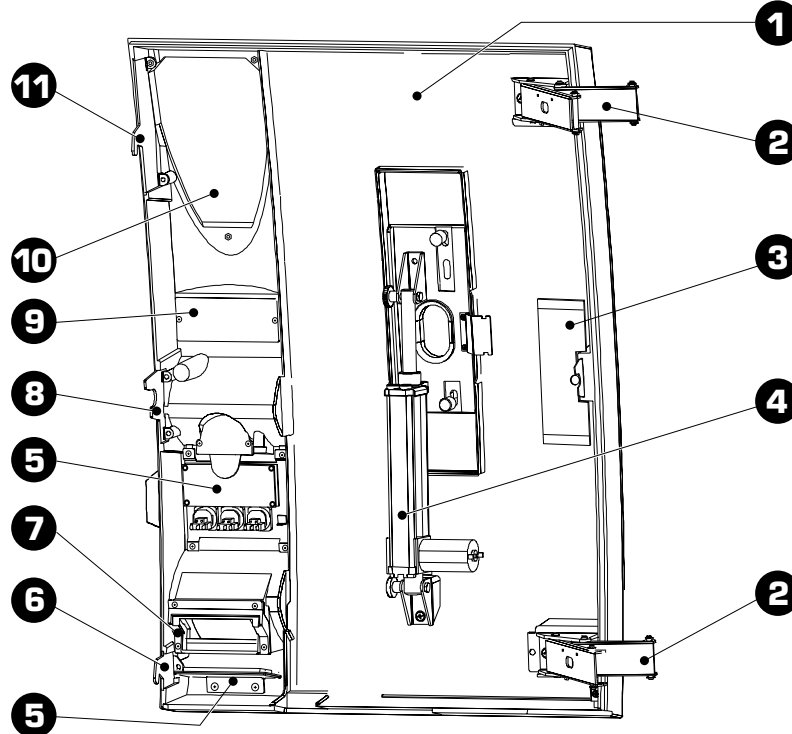
1 65027632 Baseboard - EMC #03

A **Maindoor** See drawing "A" on page 4 for details
B **Coin Entry** See drawing "B" on page 5 for details
C **Cabinet** See drawing "C" on page 6 for details
D **Hopper Drawer** See drawing "D" on page 7-8 for details
E **Playfield** See drawing "E" on page 9-10 for details

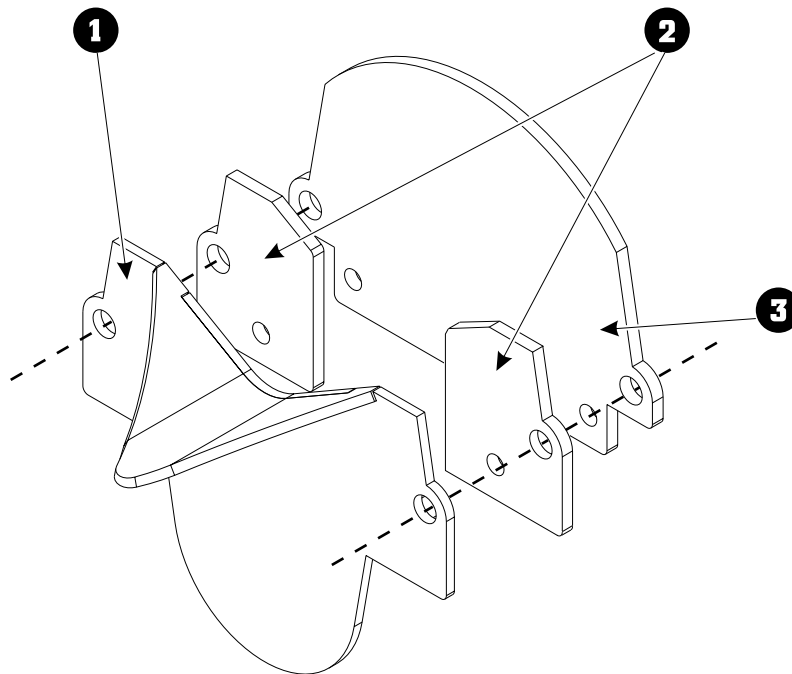
Logic Box See page 11
Coin Sorting See page 12
Wiring diagramm See page 13
Cable See page 14-15
Boards See page 15
Torque Screws See page 16

(rear view)

A



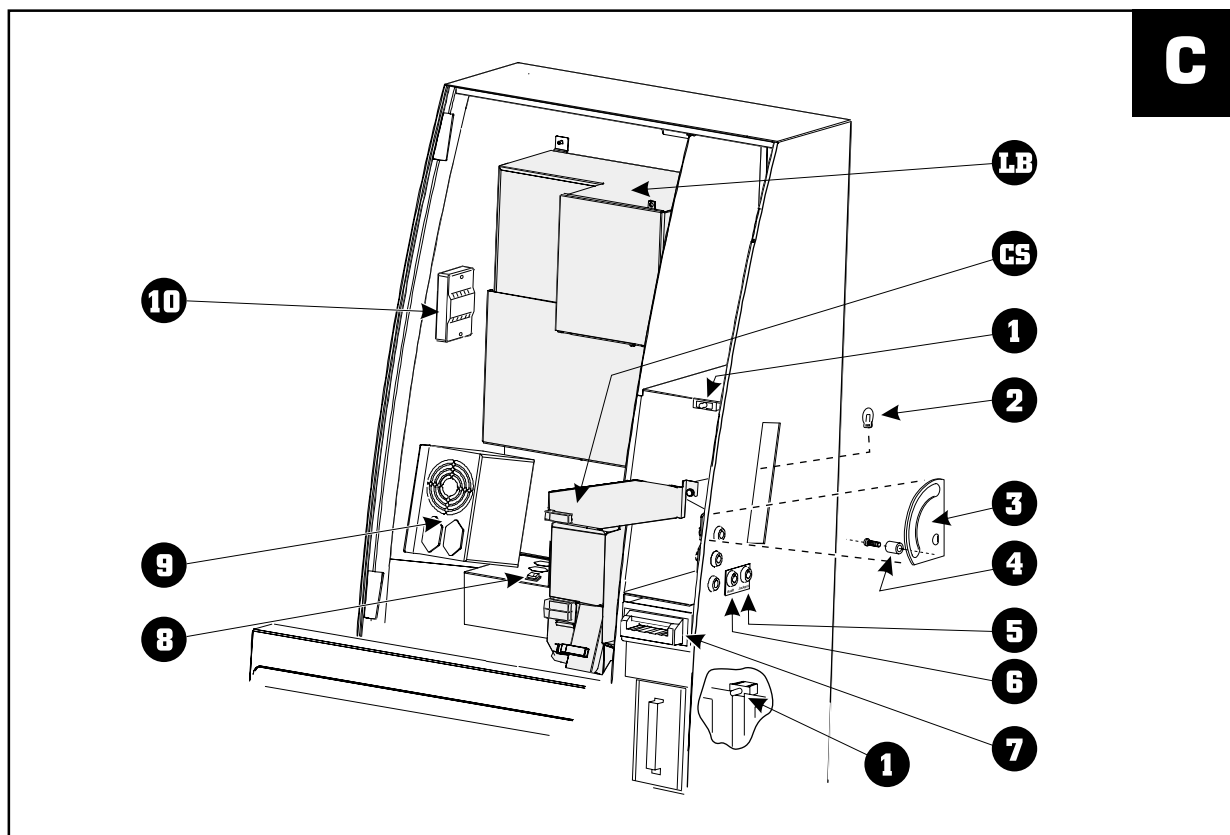
Pos.	SAP-No.	Nomenclature	Comment
1	65036555	ASP MD Maindoor BV04 #05	Black Metallic
2	65040123	BG Hinge - EMC #00	Hinge for replacment (new type)
3	65033055	Center Square 1 welded - EMC #00	
4	65022290	Cable Hopperboard / Doormotor - EMC #01	Doormotor with cable
5	65035751	ASP MD Backlight_112x48mm_wt_12V #00	Illuminator with cable
6	65023183	Striking plate down - EMC	
7	65030420	Adaptor JCM Maindoor EMC #02	Frame for JCM bill validator
no pic.	65036558	ASP MD BV-Cover welded 4V04 #01	Blanking plate, Black Metallic, for use without bill validator
8	65023185	Center Square - EMC	
9	65036560	ASP MD Cover Maindoor TP 4V04 #02	Blanking plate, Black Metallic
10	65036562	ASP AS Cover Maindoor 4V04 #02	Blanking plate, Black Metallic
		System specific covers available	
11	65023184	Striking plate up - EMC	



Pos.	SAP-No.	Nomenclature	Comment
1	65023232	ASP MD Coin Entry Front 4G03 #02	chrome finish
2	650.....	Coin Geometry - XX.X / X.X - EMC #01	Part-number depends on coin size*, 2 pieces each machine
	65023324	ASP MD Coin Geometry Coinless 4G01 #01	for coinless operation, chrome, 1 piece each machine
3	65025231	ASP MD Coin Entry Backplate 4G03 #03	chrome finish

Please contact Atronic Technical Service, if you intend to do a coin conversion.
Atronic offers complete conversion kits according to customer specification.

*Specification of Coin Geometry has to be 0.5 - 1 mm wider and 0.2 - 0.75 mm thicker than the coin.



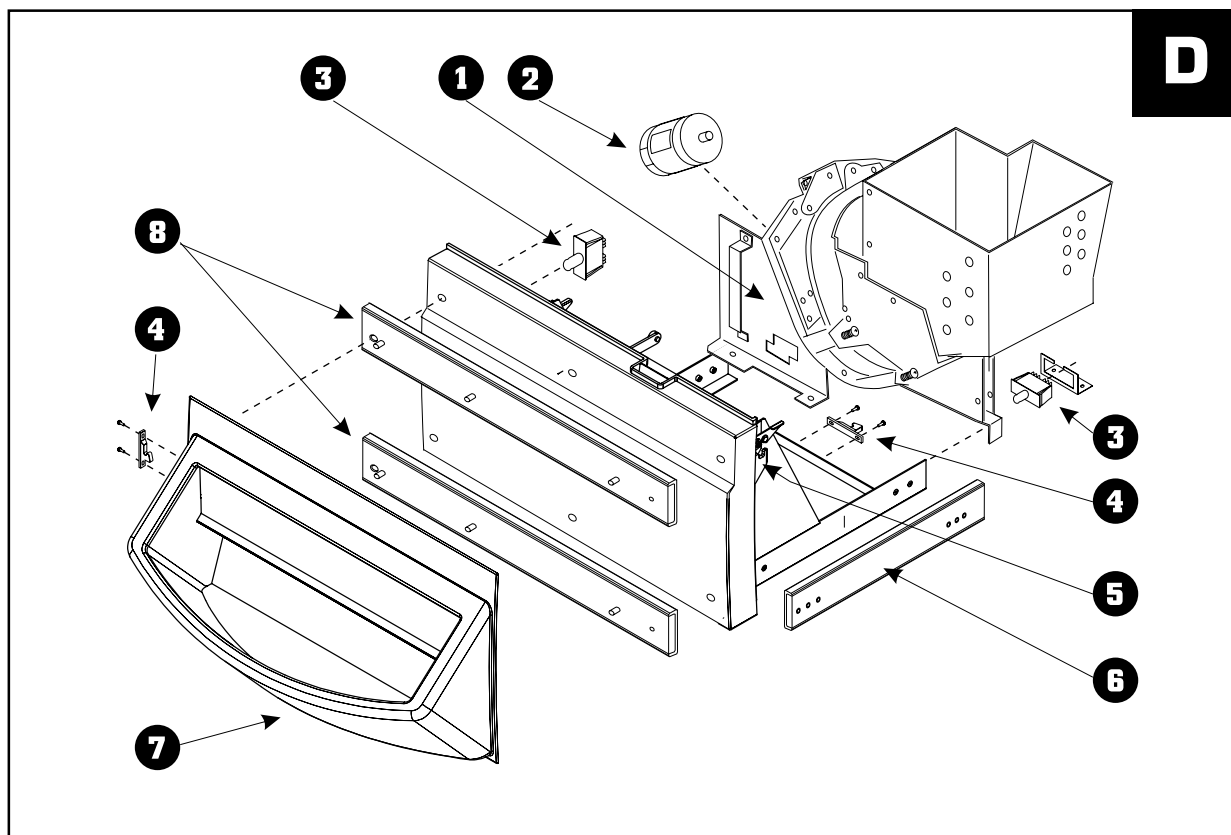
SAP-No.	Nomenclature	Comment
1	65012427 Button Push Honeywell 2DM409 double pole	
2	65003778 Lamp 14V, 2.6W	
3	65027476 CAM Maindoor and Acc. Door - EMC #02	
4	65027475 ASP HO Bush for Lock angle 6RAW 02	
5	65018816 Switch Lock S2D321 QA / R2002	Jackpot Key
6	65018815 Switch Lock S2D321 QA / R2001	Audit Key
7	65022423 KIT_Validator JCM WBA-25-SS2 EURO AST/EMC	EURO Kit
	Please ask Atronic Technical Service for other currencies	
8	65029832 SP SO ARCOL SWIT Rocker Switch	Main Switch
9	65024128 Power Supply VT350W-24V-ATX act. PFC #00	
10	65032559 Controller MicroTouch EX II 1010SC	

LB

Logicbox, see drawing "LB" on page 11 for details

CS

Coin Sorting, see drawing "CS" on page 12 for details

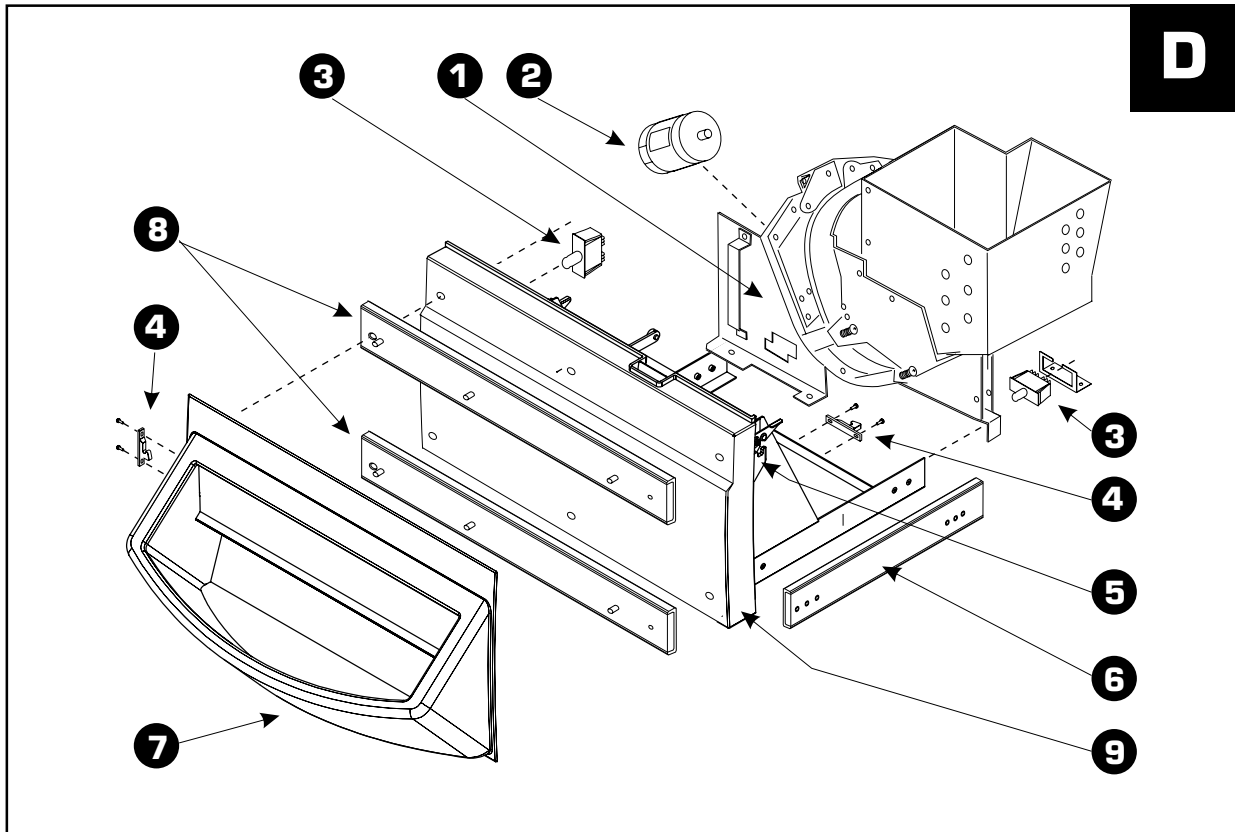


Pos.	SAP-No.	Nomenclature
1	65031022	HOPPER-SUZO-AMP 18.0-18.9 mm 24V EMC#02
	65031023	HOPPER-SUZO-AMP 19.0-20.0 mm 24V EMC#02
	65031024	HOPPER-SUZO-AMP 20.1-22.0 mm 24V EMC#02
	65031025	HOPPER-SUZO-AMP 22.1-24.8 mm 24V EMC#02
	65031026	HOPPER-SUZO-AMP 24.9-25.8 mm 24V EMC#02
	65031027	HOPPER-SUZO-AMP 25.9-27.8 mm 24V EMC#02
	65031028	HOPPER-SUZO-AMP 27.9-32.0 mm 24V EMC#02
	65031029	HOPPER-SUZO-AMP 31.1-31.9 mm 24V EMC#02
	65031030	HOPPER-SUZO-AMP 32.0-33.0 mm 24V EMC#02
	65031031	HOPPER-SUZO-AMP 33.1-35.0 mm 24V EMC#02
	65031032	HOPPER-SUZO-AMP 35.1-36.9 mm 24V EMC#02
	65031033	HOPPER-SUZO-AMP 37.0-38.0 mm 24V EMC#02

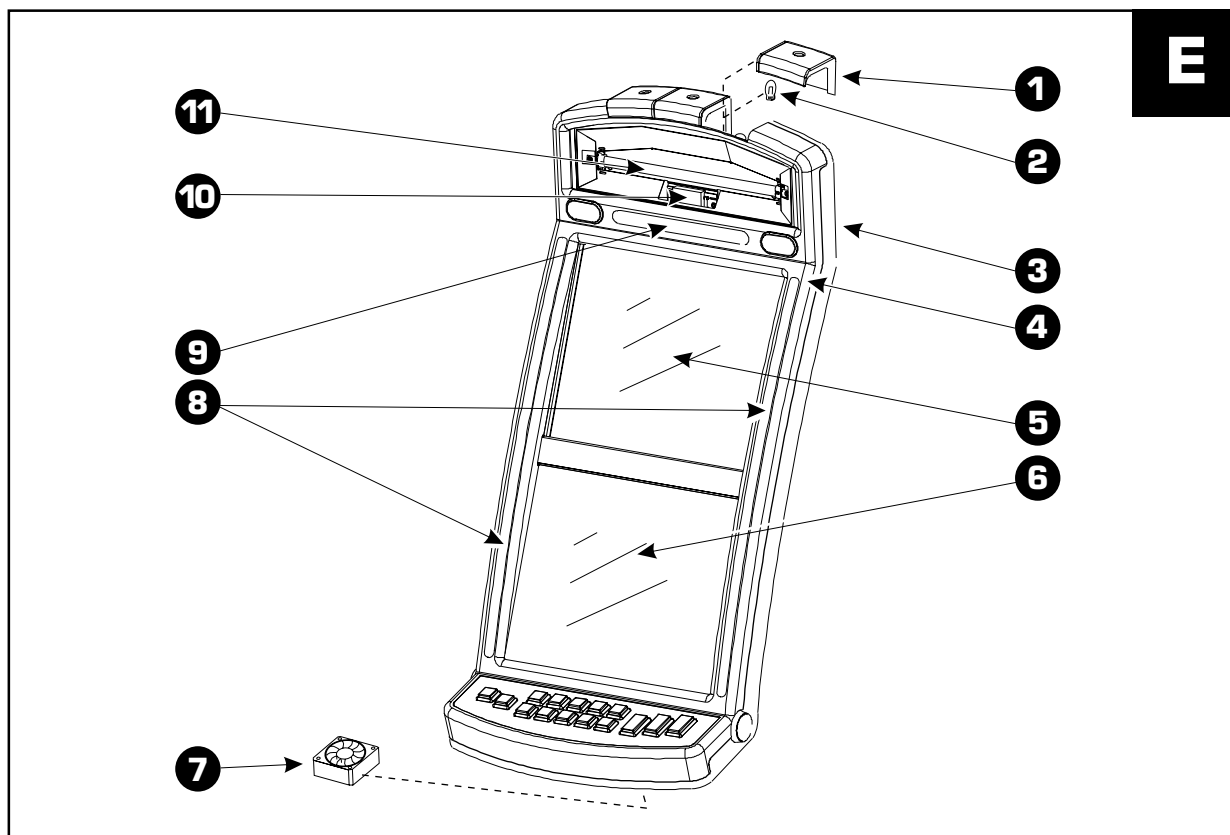
65017292	Hopper Asahi DH750#E35 (24.3x1.7 mm)
65019309	Hopper Asahi DH750#E35 (26.0x1.6 mm)
65018272	Hopper Asahi DH750#E35 (24.3x2.4 mm)
65019310	Hopper Asahi DH750#E35 (23.5x1.8 mm)
65019311	Hopper Asahi DH750#E35 (21.4x1.8 mm)
65019322	Hopper Asahi DH750#E35 (21.3x2.0 mm)
65023774	Hopper Asahi DH750#E35 (25.0x1.5 mm)
65024129	Hopper Asahi DH750#E35 (23.5x2.4 mm)
65024130	Hopper Asahi DH750#E35 (21.3x2.2 mm)

Please contact Atronic Technical Service if you have any questions finding a convenient Hopper or if you intend to do a coin conversion.

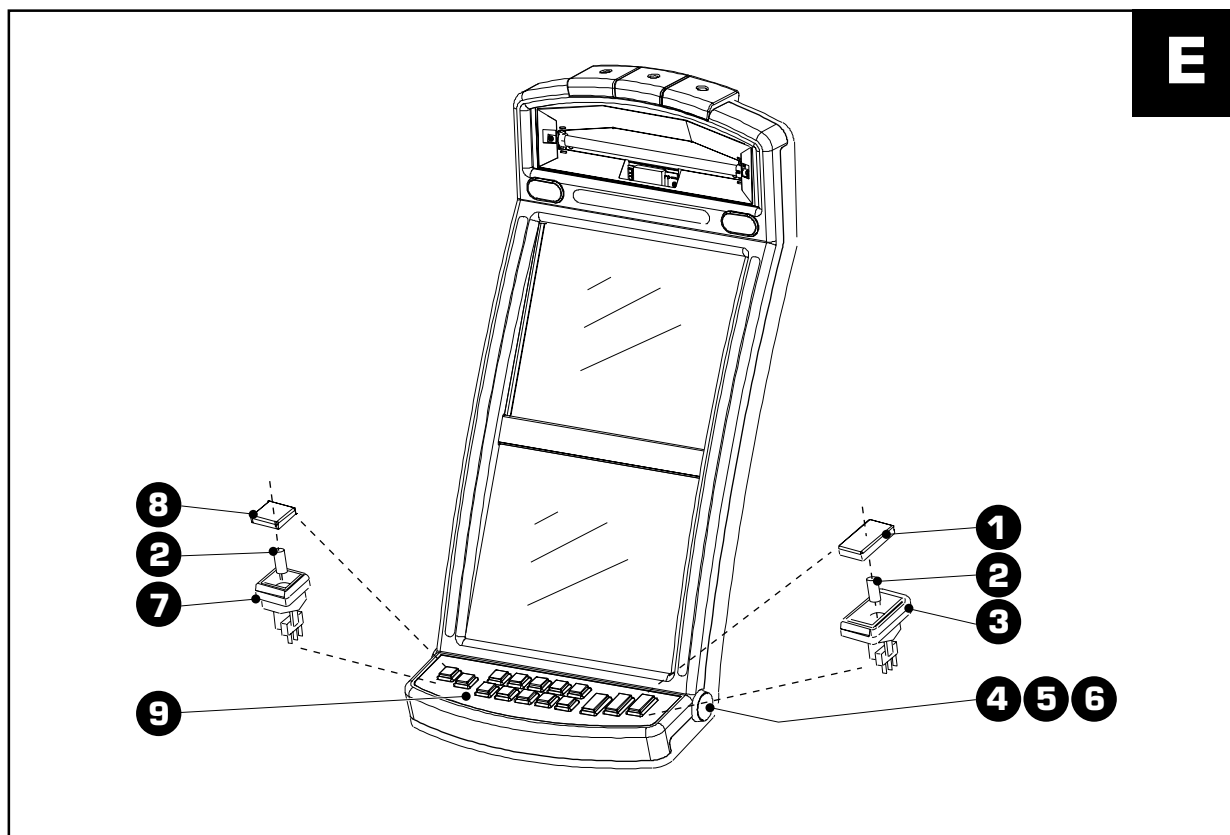
List continues on next page



Pos.	SAP-No.	Nomenclature	Comment
1		Hopper (see previous page)	
2	65003952	Hopper-Motor -SUZO 24Volt (14-0654-1350)	
	65008130	Hopper Asahi Motor DC24V, 24 PRIM No4x12	
3	65012427	Button Push Honeywell 2DM409 double pole	
4	65014571	Grabber Door Catch C3-810	includes Catch and Keeper
5	65035073	ASP SF Security angle Coinbowl 1 #01	
6	65037448	Slide Accuride C3301-12-DID #00	
7	65034819	ASP SF Coin Bowl 1 welded 1RAW #04	Coin bowl, metal part
no pic.	65036552	ASP SF Coinbowl 1 BV04 #02	Coin bowl cover, plastic part, black metallic
8	65036568	Slide Accuride CZ 0204-0012 S 00	
9	65036034	ASP SF Shelf welded 4G01 #06	

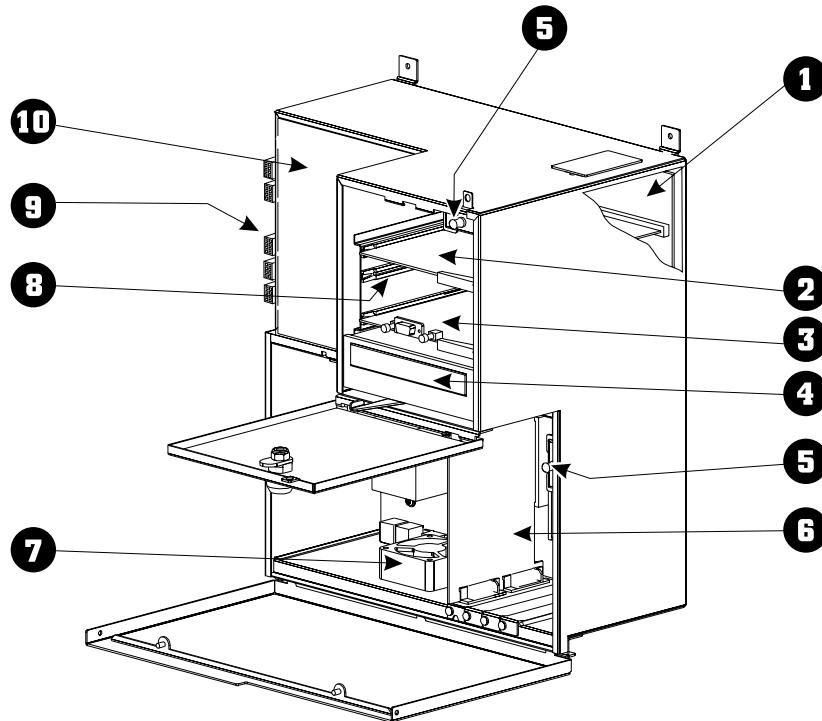


Pos.	SAP-No.	Nomenclature	
1	65022661	Toplight Cover red - EMC #03	65022782 Toplight Cover orange - EMC #03
	65022783	Toplight Cover yellow - EMC #03	65022784 Toplight Cover green - EMC #03
	65022785	Toplight Cover blue - EMC #03	65022786 Toplight Cover white - EMC #03
	65033264	ASP TL Blockoff Plate EMC EV04	Black metallic, non transparent, replaces Toplight Cover, use with topper
2	65003778	Lamp 14V, 2.6V	
3	65035717	ASP MD TFT Frame Rear BV04 #03	Black metallic
4	65035714	ASP MD TFT Frame Front BV04 #03	Black metallic
5	65040184	ASP MD TFT E8 Unit Top without Touch 03	Display assembly with 17" TFT LTM170E8-L01
6	65040185	ASP MD TFT E8 Unit Bottom with Touch 03	Display assembly with 17" TFT LTM170E8-L01
7	65024280	Fan_JS_TUDC12B4S_12V_0.47_60x25 #00	
8	65022847	Framelight Cover left/right - EMC #01	
9	65022846	Framelight Cover top -EMC #01	
10	65028143	Ballast Coil 12V 8W TM80041 #00	
11	65002256	Lamp fluorescent TL8W/33 410 lm	Fluorescent lamp TL8W/33, 300mm, 410 Lumen, color temperature 4100 K (Cool White), 56V



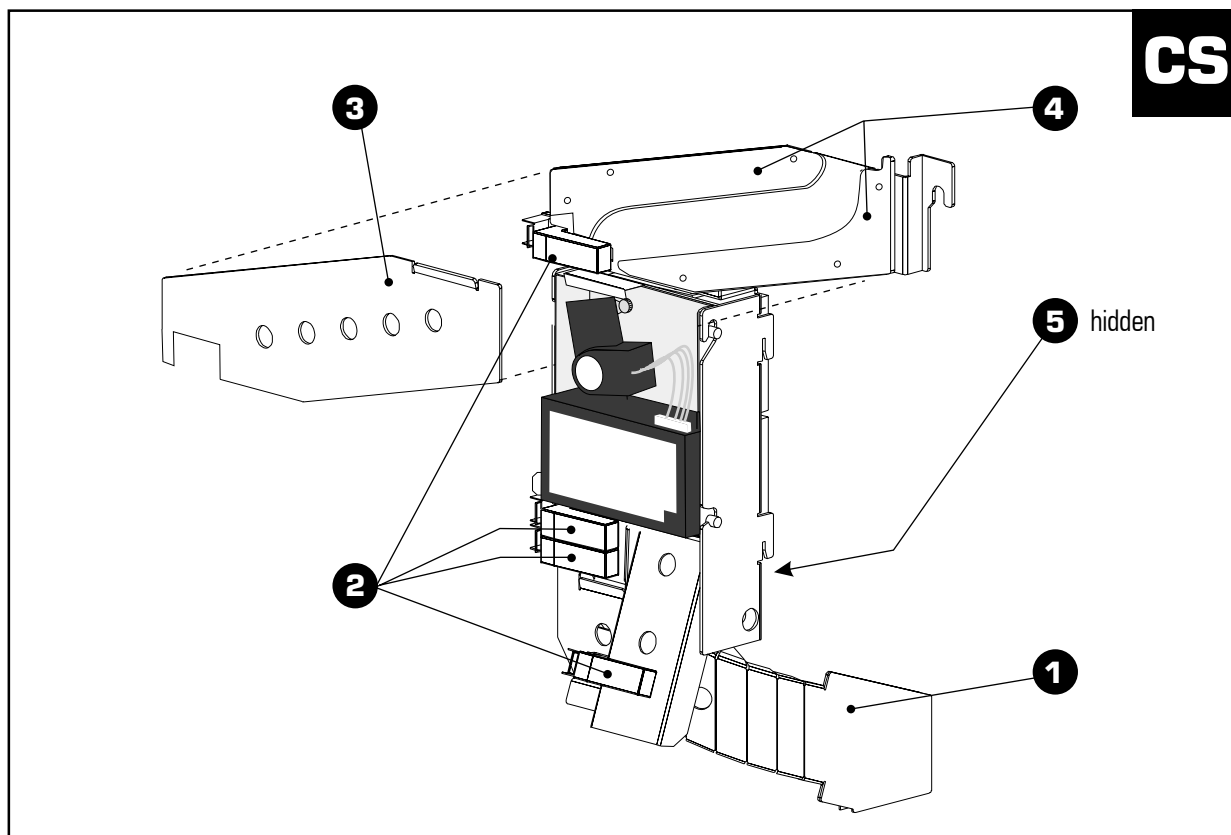
Pos.	SAP-No.	Nomenclature	Comment
1	65013354	Lenscap RCT-SM clear	Rectangular Lenscap, clear
2	65031277	SP BP MECH_LED 12V white Sub. clear lens	Spare LED for panel buttons
3	65029376	Btn RCT-SM woLCwoPlwLED A013117046E0000	Rectangular button with LED, without Lens cap and Plastic Legend
4	65031035	Btn RM woLCwoPlwLED A010626042N0000	Up/down button without Lens cap, with LED
5	65031337	SP BP MECH_LED 12V triple white Standard	Spare LED for up/down buttons
6	65031036	Lens cap RM clear	Lens cap for up/down button
no pic.	65030438	Plastic Legend RM white "UP"	
no pic.	65030437	Plastic Legend RM white "DOWN"	
7	65029377	Btn CP-SM woLCwoPlwLED A013317046E0000	Quadratic button without Lens cap, with LED
8	65012204	Lenscap CP-SM clear	Quadratic Lens cap, clear
	65012203	Lenscap CP-SM red	Quadratic Lens cap, red, for Service Panel
9	65036039	BPG HIRB woLC woPL EMC 2RAW #06	Complete button panel with buttons and LEDs, but without Lenscaps and Plastic Legends

Each button additionally has to be equipped with a Plastic Legend (e.g. *See Pays, Bet 1 credit per line*, etc.)
Appropriate Plastic Legend depends on machine configuration and language. Please ask Atronic Technical Service.



Pos.	SAP-No.	Nomenclature	Comment
1	65024372	Backplane Hi! #03	
2	65023743	Commboard 68k V 2.10	optional
3	65027995	Mainboard Hi! #05	
4	65037802	DVD-Drive BAM 12V 01	
	65029720	DVD-Drive LITE-ON LTD-166 (XJ-HD166S)	
5	65012427	Button Push Honeywell 2DM409 double pole	
6	65027633	Graphicboard VP10_2CH "Atronic" Hi! #01	
	65037814	Graphicboard VP11_2CH "Atronic" Hi! #00	use with B-LEVEL software only
7	65025433	Fan_JS_TUDC12H7S_12V_0.65_60x25 #00	
8	65001050	Guide Rail Logic Box	
9	65023783	Filterboard-Power Hi! #00	
10	65027579	Filterboard-Signal Hi! #02	

See also wiring diagram on page 13.

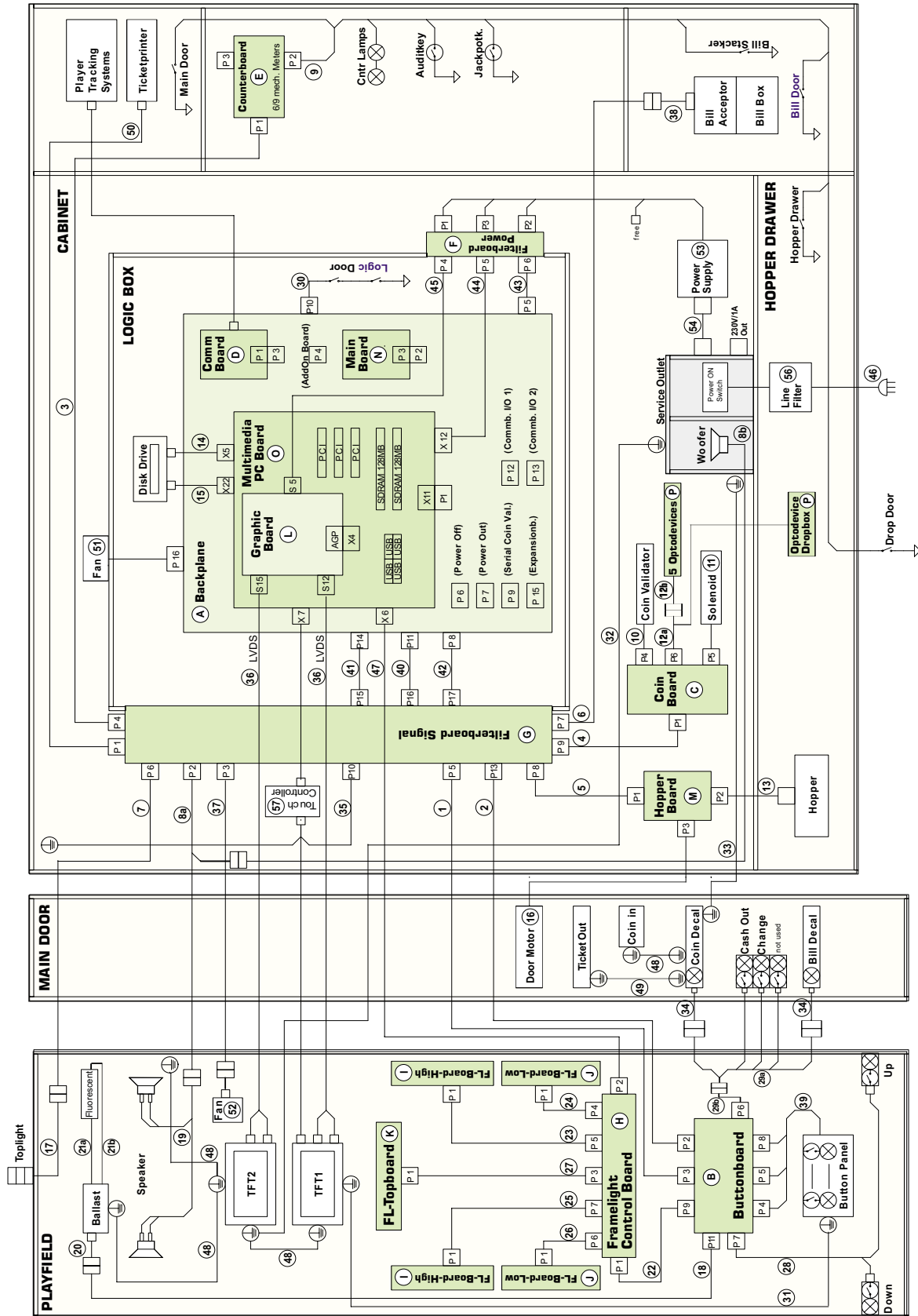


Pos.	SAP-No.	Nomenclature	Comment
1	65039663	BG Coin Sorting Assy - EMC #01	basic coin sorting assembly, without parts 2 - 5,
2	65023318	Optodevice Hi! #02	
3	65036040	ASP CC Cover Coin Sorting 4G01 #02	#02, protection for optodevice integrated
4	65026820	Coin Geometry Coinsorting - 25/2 #00	Specification of coin geometries has to be min. 0.5mm wider than coin dimensions
	65023327	Coin Geometry Coinsorting - 29/2.9 #01	
	65032754	Coin Geometry Coinsorting - 29/4 #00	
	65023328	Coin Geometry Coinsorting - 40/3.6 #01	
	65032993	Coin Geometry Coinsorting - 40/4 #00	
5	65040595	ASP CC Solenoid C-Cage Micro Fit BAM #02	Solenoid with cable and diode

Coin Acceptors (for example only)

65023420	Coin Acceptor MC-16 (66460244)	1 Euro (bimetallic)
65023421	Coin Acceptor MC-16 (66460245)	2 Euro (bimetallic)
65010443	Coin Comparitor CC-16 (66160058)	max. 31.75 x 2.15 mm 3 - 6 g
65017269	Coin Comparitor IC-16 (68160027)	max. 25.0 x 1.8 mm

Part numbers for MC-16, CC-16 and IC-16 given for example only. Please contact Atronic Technical Service when ordering a coin acceptor.
Please specify coin type, dimensions and weight when ordering.



Pos.	SAP-No.	Nomenclature	Comment
1	65015686	CABLE RC FILTERB. SI. / BUTTONB. - EMC #00	
2	65015687	CABLE FILTERB. SI. / BUTTONB. - EMC #00	
3	65015688	CABLE RC FILTERB. SI. / COUNTERB. - EMC #00	
4	65015689	CABLE RC FILTERB. SI. / COINB. - EMC #00	
5	65015690	CABLE RC FILTERB. SI. / HOPPB. - EMC #00	
6	65015691	CABLE FILTERB. SI. / JCM-ACC. - EMC #00	
7	65015692	Cable Harness Filterbd.Si.-Top Light 01	
8	65015693	Cable Harness Filterbd.Si.- Loudsp 01	Assembly of cable 8a + 8b
8a	65034622	Cable Harness Filterbd.Si.- Loudsp_1 00	Filterboard Signal to speaker connectors
8b	65034623	Cable Harness Filterbd.Si.- Loudsp_2 00	Speaker connector to Subwoofer
9	65023397	CABLE COUNTERB. / DOORSW. JCM - EMC #01	
10	65015695	CABLE COINB. / COINV. CC16 - EMC #00	For Coin Comparitor CC16
11	65040595	ASP CC Solenoid C-Cage Micro Fit BAM #02	Solenoid with cable and diode
12	65015697	Cable Ribbon Coinboard - Optodevice 01	Assembly of cable 12a + 12b
12a	65034691	Cable Ribbon Coinbd - Optodev_1 00	Coinboard to connector and Optodevice Dropbox
12b	65034699	Cable Ribbon Coinbd - Optodev_2 00	From connector to Optodevices Coin Unit
13	65015698	CABLE HOPPERB. / HOPPER 1 - EMC #00	
14	65015699	CABLE RC MMEDIA B. / CDROM - EMC #00	
15	65015700	CABLE MMEDIA B. / CDROM - EMC #00	
16	65022290	CABLE HOPPERBOARD / DOORMOTOR - EMC #01	Doormotor with cable
17	65027507	BG Top Light Assy - EMC	Complete toplight assembly with cable
18	65023401	Cable Harness Buttonbd - Lamp Fixture 02	
19	65016701	Cable Harness Loadspeaker 01	
20	65027470	CABLE LAMP FIXTURE - EMC #02	
21	65023305	Cable Flexible Ballast Lamp fixture 02	Assembly of cable 21a + 21b
21a	65034624	Cable Flexible Ballast Lamp fixture_1 00	Ballast coil to lamp fixture left
21b	65034693	Cable Flexible Ballast Lamp fixture_2 00	Ballast coil to lamp fixture right
22	65023306	Cable Harness FL-Contr. - Buttonbd. 02	
23	65017191	CABLE FL-CONTRB. / FL-SIDEB.H RIGHT #00	
24	65017192	CABLE FL-CONTRB. / FL-SIDEB.L RIGHT #00	
25	65017198	CABLE FL-CONTRB. / FL-SIDEB.H LEFT #00	
26	65017199	CABLE FL-CONTRB. / FL-SIDEB.L LEFT #00	
27	65017200	CABLE FL-CONTRB. / FL-TOPB. - EMC #00	
28	65018632	Cable Harness Bottonb - Doormot.Butt. 01	
29	65018787	Cable Harness Buttobd-Decal, Button 01	Assembly of cable 29a + 29b
29a	65035711	Cable Harness Buttobd-Decal, Button_1 00	Connector to Service-Buttons and Decals
29b	65035712	Cable Harness Buttobd-Decal, Button_2 00	Buttonboard to connector
30	65023495	CABLE RACK SWITCH - EMC #01	
31	65018789	CABLE EARTHS BTNP NL - EMC #00	
32	65018790	CABLE EARTHS TFT - EMC #00	
33	65018791	CABLE EARTHS DECAL,BUTTON - EMC #00	
34	65035751	ASP MD Backlight_112x48mm_wt_12V #00	Decal Illumination with cable
35			part of touch controller
36	65034073	Cable LVDS Graphboard Hi to 17TFT 00	use with TFT Panel LTM170E06-L02
	65036036	Cable LVDS Graphboard Hi to 17TFT 01	use with TFT Panel LTM170E06-L04/LTM170E8-01
37	65028034	CABLE FILTERBOARD-SIGNAL/ FAN - EMC #01	
38	65008967	CABLE JCM ACCEPTOR - WBA 13 #00	
39	65018659	CABLE INSERT HiRB Style - EMC #00	
40	65023496	CABLE RC BACKPL. P11 / FILTERB. SI - EMC #00	

Pos.	SAP-No.	Nomenclature	Comment
41	65023572	CABLE RC BACKPL. P14 / FILTERB. SI - EMC #00	
42	65023573	CABLE RC BACKPL. P08 / FILTERB. SI - EMC #00	
43	65023787	CABLE BACKPL. P05 / FILTERB. PO. - EMC #00	
44	65023803	CABLE MMEDIA B. / FILTERB. PO. - EMC #00	
45	65023804	CABLE GRAPHICBOARD / FILTERB. PO. - EMC #00	
46	65015381	CABLE POWER LINE C13W 3.5m 230V (EU) #00	Euro-Type 230V / 50 Hz, earthed
47	65023488	CABLE FL-CONTRB. / MMEDIA B. - EMC #01 #01	
48	65024203	CABLE EARTHS TFT 1 - EMC #00	
49	65029782	Cable Earths TP - EMC #00	optional for ticket printer
50	65035720	Cable Harness Filterboard Signal - Ticket Printer #02	
51	65025433	Fan 12V_0.65_60x24 #00	
52	65024280	Fan 12V_0.47_60x24 #00	
53	65024128	POWER SUPPLY VT350W-24V-ATX act. PFC #00	
54	65015415	CABLE FIBRE OPTIC B.-S. QLD #00 - 230V	Main cable Service Outlet to Power Supply
56	65025196	Line Filter Schurter 5110 250V 50-60Hz 6A	for International and America use
or	65021829	Line Filter Bulgin PS00 250V 50-400Hz 6A	for International and America use
or	65021828	Line Filter Schurter KFS 250V 50-60Hz 6A	for 230V / 50Hz only (AI)
57	65032559	MicroTouch Contoller EX II 1010SC	

Boards

Pos.	SAP-No.	Nomenclature	Comment
A	65024372	Backplane Hi! #03	
B	65035195	PCBA Buttonboard HI STD (#06)	
C	65033426	PCBA Coinboard HI STD #05	
D	65023743	Commboard 68k Rev. 2.10	optional
E	65025290	Counterboard-6C Hi! #03	
F	65023783	Filterboard-Power Hi! #00	
G	65027579	Filterboard-Signal Hi! #02	
H	65025216	FL-Controlboard Hi! #03	
I	65025213	FL-Sideboard-High Hi! #02	
J	65025214	FL-Sideboard-Low Hi! #02	
K	65025215	FL-Topboard Hi! #02	
L	65027633	Graphicboard VP10_2CH "Atronic" Hi! #01	
or	65037814	Graphicboard VP11_2CH "Atronic" Hi! #00	Use with B-LEVEL software only
M	65026931	Hopperboard Hi! #04	
N	65027995	Mainboard Hi! #05	
O	65025265	MMPC-Board C566-256MB Hi! #02	
P	65023318	Optodevice Hi! #02	
	65029832	SP SO ARCOL SWIT_Rocker Switch	Power on switch

Torque screws (Torx)

		D1	L2	Torx Screwdriver
65023091	Screw EJOT DELTA PT 30x10 WN5451	3mm	10mm	T10
65023112	Screw EJOT DELTA PT 40x12 WN5451	4	12	T20
65023643	Screw EJOT DELTA PT 40x16 WN5451	4	16	T20
65029087	Screw EJOT DELTA PT 50x10 WN5451	5	10	T25
65023113	Screw EJOT DELTA PT 50x16 WN5451	5	16	T25
65023114	Screw EJOT DELTA PT 60x18 WN5451	6	18	T30

