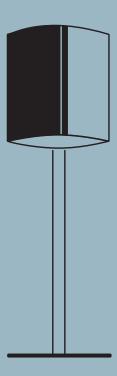
BeoLab 4000 MKII

Type 6642, 6643, 6644, 6645, 6646, 6647, 6648

Service Manual English

German, French, Italian, Spanish, Danish, Dutch and Japanese versions are available in the Retail System



This Service Manual must be returned with the defective parts/back-up suitcase!

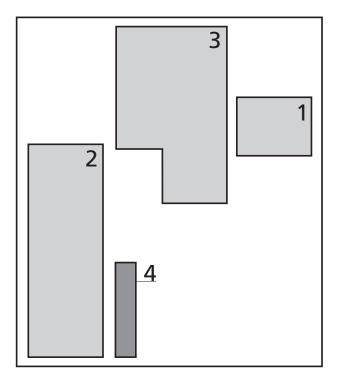


CONTENTS

Survey of modules	
How to service	
Warnings – Insulation test	
Adjustments	
Repaie tips	
Replacement of modules	
Specification guidelines for service use	
Block diagram	
Wiring diagram	
Available parts 8.1	

BANG & OLUFSEN Survey of modules 1.1

Survey of modules



PCB01 Amplifier
PCB02 SMPS
PCB03 Main PCB

PCB04 LED

1.2 How to service BANG & OLUFSEN

How to service

Front line service

BeoLab 4000 MKII is to be serviced in the customer's home when it comes to electrical symptoms or exchange of mechanical parts. In this way you avoid having to make more than one visit and using minimum of time on the case, all for the benefit of the customer.

BeoLab 4000 MKII has been split-up into as few service items as possible. Each service friendly item is packed individually, prepared for worldwide transport, and has a separate seven digit spare part number to be found in the Service Manual or on the Bang & Olufsen Retail System. The exploded view drawing will show the service spare parts.

All necessary electrical modules and the two loudspeaker units can be ordered to prepare front-line service. Cabinet parts must also be brought with you separately, if to be replaced in the customer's home.

To improve the quality and secure a better service please send the defective part for quality analyse purposes to:

Att:

Bang & Olufsen Operation a/s

Att.: JEB 7210-3 Peter Bangsvej 15 DK-7600 Struer

Please remember to fill-in a fault description (part no.: 3542206).

Delivery

There is several type numbers for BeoLab 4000 MKII, however, this is only due to market approvals. All types can be used on all markets with 100 to 240 V (ac) mains voltage. When you order BeoLab 4000 MKII (set of two) two mains cables and two Power Link cables are included.

Installation and setting-up

Only the switch for Left, Right or Line must be set into correct position as described in the User Guide, before Power Link or a Line signal and AC power wires are connected. If Power Link is used, the switch is for Left or Right setting. If a Line signal (0 to 1V) is connected (via phono-male to PL Line-in) part no. see Parts not shown) the switch must be set to Line position. See more details in the User Guide. The LED will indicate on (green) or off (red).

Fault Finding

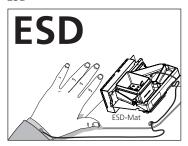
Before troubleshooting is initiated, let the customer demonstrate the fault, if possible. There are four electrical modules in the product. Therefore a faulty module is easy to point out in most cases. The PCB's has been divided into: PCB01, Amplifier - PCB02, SMPS - PCB03, Main PCB and PCB04, LED. No special service programs are available in this product or via the ServiceTool. If there is a fault in the PCB02, SMPS or PCB01, Amplifier the LED is typically off.

Replacement

Each loudspeaker is individually adjusted from production to ensure optimal stereo perspective. When replacing a speaker unit bass/treble level have to be adjusted. On the back of the new unit will be printed a rated value for the sensitivity of the particular unit. The rated value is rated in dB.

Warnings

ESD



When electrical replacement or disassembly is taking place, use an ESD-mat. The internal electronics are very sensitive to static electricity.

Handling

Wear cotton gloves to avoid any fingerprints on the product.

The surfaces on the product are very sensitive, so handling should be done with great care to avoid damage.

Cleaning

Clean the surfaces of the BeoLab 4000 MKII using a soft, lintfree cloth which you have wrung firmly in a solution of lukewarm water containing a few drops of mild household cleaner, for example a dish washing detergent. The cooling fins on the rear may be cleaned using a soft brush or a vacuum cleaner. The front cloth may be cleaned with a vacuum cleaner set to the lowest level.

Note: Never use alcohol or other solvents to clean any part of the BeoLab 4000 MKII!

Insulation test

The product must be insulation tested after having been dismantled. Make the test when the set has been reassembled and is ready to be returned to the customer. Flashover must not occur during the test.

Make the insulation test as follows:

Short-circuit the two pins of the mains plug and connect them to one of the terminals of the insulation tester.

Connect the other terminal to ground on the Power Link socket.

NOTE!

To avoid damaging the product it is essential that both terminals of the insulation tester have good contact.

During the test the current must not exceed 10 mA.

Slowly increase the voltage on the insulation tester until a voltage of 2.5 kV (ac) is obtained. Maintain the voltage level for one second, then slowly decrease the voltage to 0 V (ac).

3.1 Adjustments BANG & OLUFSEN

Adjustments

Adjustments after replacing PCB03, Main PCB

Read out the adjustment position of the old potentiometers, R301 & R312, and set the new potentiometers to the same position.

Adjustments of bass/treble levels

Each loudspeaker is individually adjusted from production to ensure optimal stereo perspective. When replacing a speaker unit or PCB03, Main PCB, bass/treble levels have to be adjusted. On the back of the new speaker unit will be printed a rated value for the sensitivity of the particular unit. The rated value is stated in dB and have to be converted to a mechanical position of the two potentiometers by using table 1 and fig.1.

After replacing a speaker unit

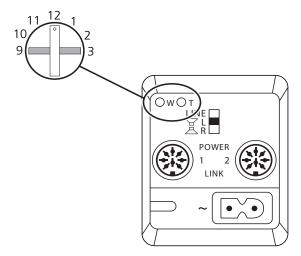
- Adjust treble level by means of (R301) and the bass level by means of (R312).
 These two potentiometer are accessible via the two holes in the socket well, see fig. 1.
- Adjusts according to the drawing and table 1. Only the potentiometer of the replaced unit have to be adjusted.

WARNING: Do under no circumstances adjust the level of a unit that has not been replaced!

Table 1

"Clock position" (The new position of the potentiometer)	Bass deviation ±dB	Treble deviation ±dB
0830	+3.1	+3.9
0900	+2.7	+3.3
1000	+1.8	+2.2
1100	+0.9	+1.1
1200	0.0	0.0
0100	-0.9	-1.1
0200	-1.8	-2.2
0300	-2.7	-3.3
0330	-3.1	-3.9

Fig.1



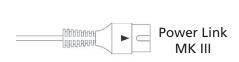
BANG & OLUFSEN Repair tips 4.1

Repair tips

Hum in loudspeaker when no music is played

The Power Link cable must be of type MK III or higher.

The ground connection in Power Link cable lower than MK III may be insufficient for optimum sound performance.





Check loudspeaker units

The loudspeaker units can be checked by an ohm-meter. OK values for tweeter and woofer are approx. 6 Ω .

How to check the Switch Mode Power Supply

- Take off the baffle.
- Connect an audio signal (set the input switch corresponding to the applied signal).
- Connect mains, 100 240V.
- Confirm 12V standby on PCB02, SMPS P2 pin 6, GND pin 3 (if not OK, replace PCB02, SMPS).
- Confirm 12V HT_ON, on PCB02, SMPS P2 pin 8 (if not OK replace PCB03, Main PCB).
- Confirm ±12V on PCB02, SMPS P2 +12V pin 1, 2 and -12V pin 4, 5 (GND pin 3). If not OK replace PCB02, SMPS.

4.2 BANG & OLUFSEN

Replacement of modules

Modules that can be replaced

BeoLab 4000 MKII in service position	5.2
Replace PCB01, Amplifier	5.4
Replace PCB02, SMPS	5.5
Replace PCB03, Main PCB	5.6
Replace PCB04, LED	5.7

Warning – Static electricity



Static electricity may damage the product.

A static-protective field service kit must always be used when the product is disassembled or modules are being handled.

Notice!

All modules must be placed on the ESD-mat or in an ESD-proof bag.

Purpose of replacement of modules

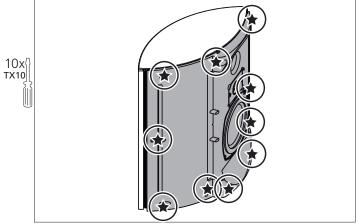
Short instructions for replacement of the available modules, with reference to additional illustrations:

- The correct sequence for replacing modules.
- Text and illustrations.
- Reference to adjustment.

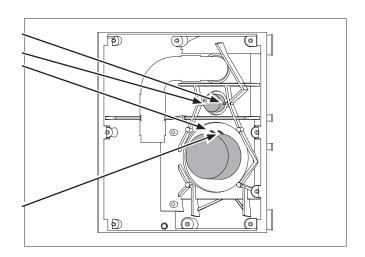
Adjustments

After replacing PCB03, Main or a loudspeaker an adjustment is required, see adjustments.

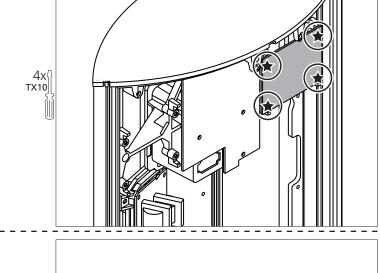
5.2 - Remove cables connected to BeoLab 4000 MKII - Remove front frame - Remove profile 2x TX10 - Remove screws for baffle



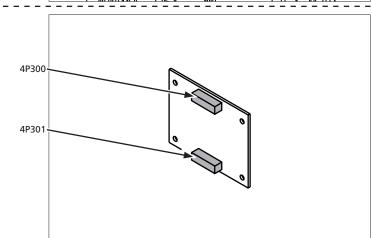
→ - Remove cables for speaker units



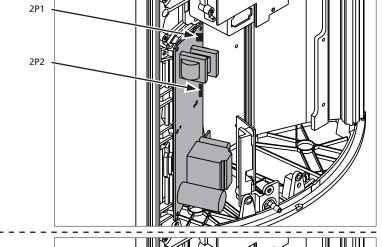
- 5.2 BeoLab 4000 MKII in service position
- Remove screws



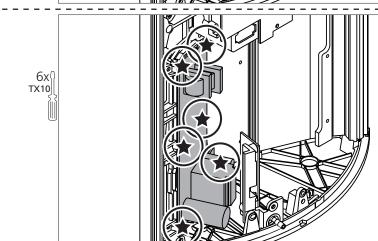
- Remove cables on backside of PCB



- 5.2 BeoLab 4000 MKII in service position
- Remove cables

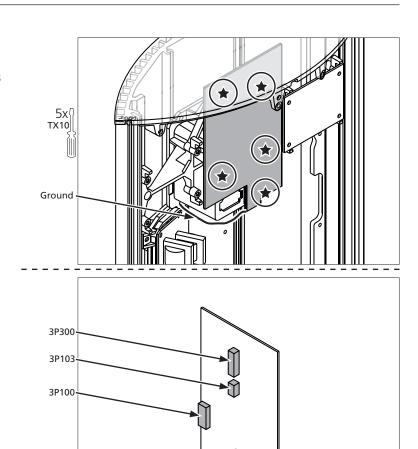


- Remove screws and pull out PCB02, SMPS



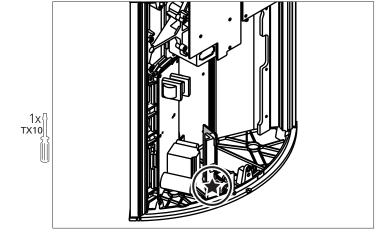
- 5.2 BeoLab 4000 MKII in service position
- Remove screws and pull out PCB03, Main PCB
- Remove ground cable!



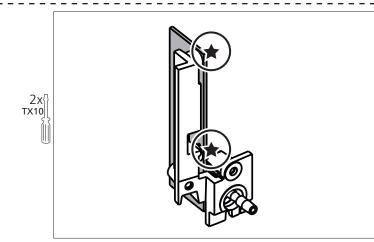


BANG & OLUFSEN Replace PCB04, LED 5.7

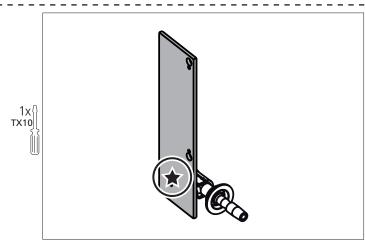
- 5.2 BeoLab 4000 MKII in service position
- Remove screw and pull out LED



- Remove screws and pull PCB04, LED out



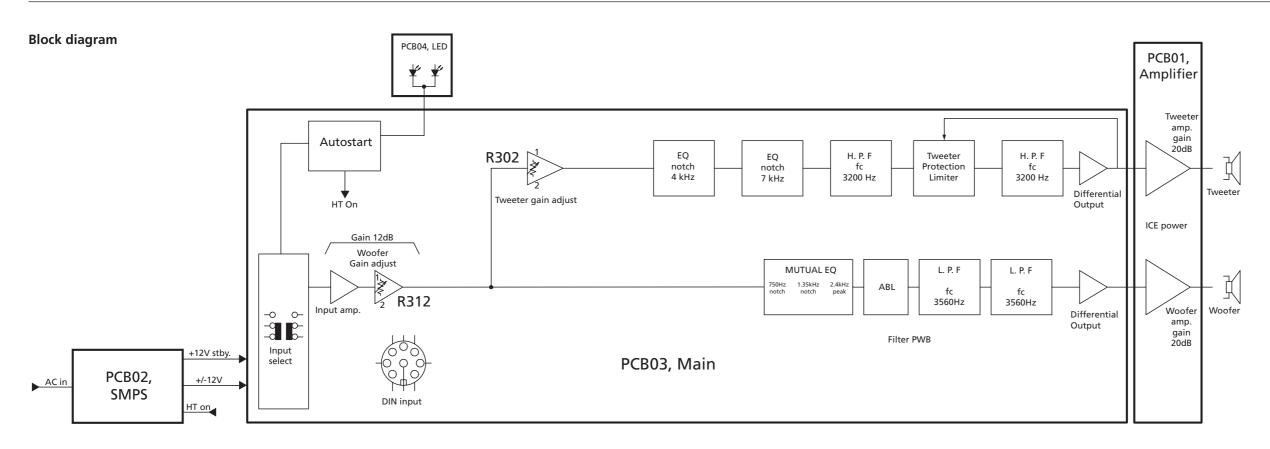
- Remove screw and pull off light guide

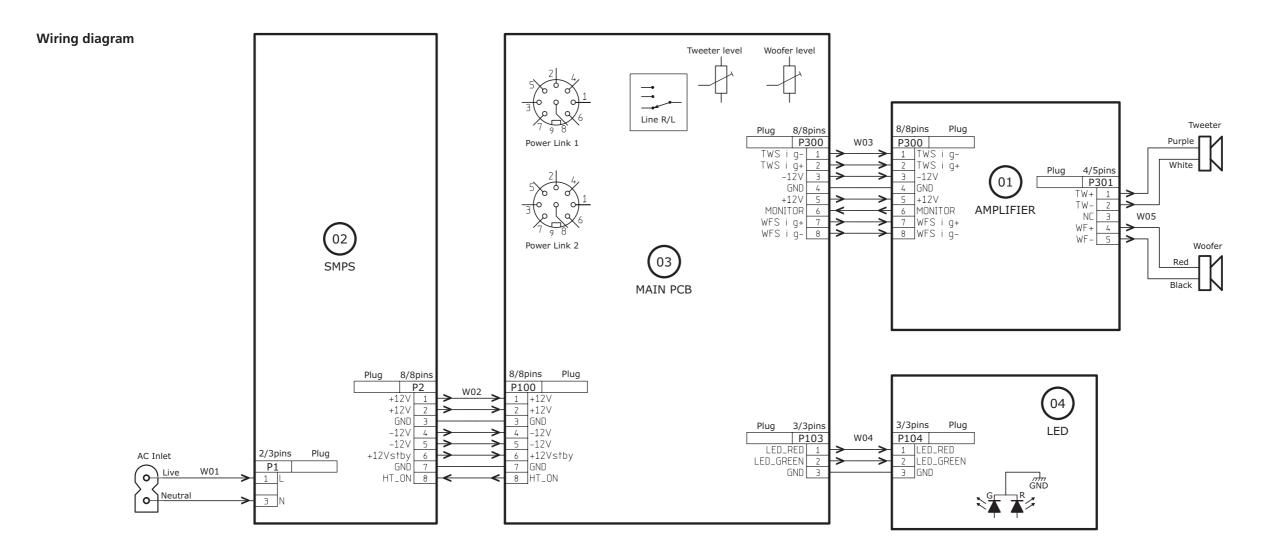


5.8 BANG & OLUFSEN

Specification guidelines for service use	BeoLab 40	00 MKII	
Type	6642 (EU),	6643 (GB), 6644 (US), 6645 (J), 6646 (AUS), 6647 (KOR)	
	6648 (CN)		
Power supply:			
Voltage	100-240 Vo	olt	
Power consumption	Typical: 6 W	/, Standby: 0.5 W	
Cabinet finish	Grey, black,	dark grey, yellow, red/black, blue/black	
Front cloth		dark grey, yellow, red, blue	
Dimensions W x H x D	28 x 32 x 1	6 cm (with wall bracket)	
Weight	4.5 kg		
Indicator	LED for On	(green) or Off (red)	
Operation	Left, Right o	or LINE, switch	
Protection	Thermal pro	otection of SMPS	
	Tweeter pro	otection	
System data:			
Effective Frequency range	55–20,000	Hz	
Sound Pressure Level (SPL)	97 dB/IEC n	noise 3 m/stereo/room	
Input impedance	47kΩ		
Harmonic distortion	<6% 90 dB	SPL/1 m/250-1000 Hz	
	<2% 90 dB	SPL/1 m/1000-5000 Hz	
Electronics:			
Active crossover network	Linkwitz/Ril	ey	
High pass filter	30 dB/octav		
Low frequency equalization	51 Hz/+10	dB	
Bass equalization	ABL (Adapt	ive Bass Linearization)	
·	·		
Acoustics and cabinet:			
Cabinet principle	Bass reflex		
Woofer	114 mm (4)	½"), 8Ω	
Tweeter	18 mm (¾"		
Magnetically shielded	Yes	**	
Crossover frequency	3.3 kHz		
Net volume, bass	4 litres		
Power amplifier:			
Signal to noise ratio	>= 84 dBA	(1W in Woofer)	
Input sensitivity/impedance:	·		
Input sensitivity Power Link & Line	125 mV (88	B dB SPL) Auto switch on	
Power link sockets	1V/47 kΩ		
Power link channel separation	>55 dB/10,	000 Hz	
Standby function	Automatic (On-Standby	
Switch off time (line)	3 min.		
Power amplifier, bass	30 W, Class	D, ICE power®	
Power amplifier, treble	30 W, Class	30 W, Class D, ICE power®	
Long-term maximum output power	56 W		
Connections:			
Power Link	2 x 8-pin sc	ocket	
	2 x o-piii sc		
	Pin 1	Power up/down not used	
	· · · · · · · · · · · · · · · · · · ·		
2 5	· · · · · · · · · · · · · · · · · · ·	Power up/down not used	
5 2 4	Pin 1	Power up/down not used (interconnected between the two Power Link plugs)	
5 2 4	Pin 1	Power up/down not used (interconnected between the two Power Link plugs) Signal GND	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Pin 1	Power up/down not used (interconnected between the two Power Link plugs) Signal GND Left in (also used for line in. Note: pin2&7 in the plug	
5 2 4 3 > 0 0 0 1	Pin 1 Pin 2 Pin 3	Power up/down not used (interconnected between the two Power Link plugs) Signal GND Left in (also used for line in. Note: pin2&7 in the plug must be connected when used for line in) Loudspeaker on/sense => 2.5V, OFF =< 0.5V	
5 2 4 3 0 0 0 1	Pin 1 Pin 2 Pin 3 Pin 4	Power up/down not used (interconnected between the two Power Link plugs) Signal GND Left in (also used for line in. Note: pin2&7 in the plug must be connected when used for line in)	
3 0 0 0 1 7 8 6	Pin 1 Pin 2 Pin 3 Pin 4 Pin 5	Power up/down not used (interconnected between the two Power Link plugs) Signal GND Left in (also used for line in. Note: pin2&7 in the plug must be connected when used for line in) Loudspeaker on/sense => 2.5V, OFF =< 0.5V Right in Data (Not used)	
3 0 0 0 1 7 8 6	Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6	Power up/down not used (interconnected between the two Power Link plugs) Signal GND Left in (also used for line in. Note: pin2&7 in the plug must be connected when used for line in) Loudspeaker on/sense => 2.5V, OFF =< 0.5V Right in Data (Not used) (interconnected between the two Power Link plugs)	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6 Pin 7	Power up/down not used (interconnected between the two Power Link plugs) Signal GND Left in (also used for line in. Note: pin2&7 in the plug must be connected when used for line in) Loudspeaker on/sense => 2.5V, OFF =< 0.5V Right in Data (Not used) (interconnected between the two Power Link plugs) Data GND	
3 0 0 0 1 7 8 6	Pin 1 Pin 2 Pin 3 Pin 4 Pin 5 Pin 6	Power up/down not used (interconnected between the two Power Link plugs) Signal GND Left in (also used for line in. Note: pin2&7 in the plug must be connected when used for line in) Loudspeaker on/sense => 2.5V, OFF =< 0.5V Right in Data (Not used) (interconnected between the two Power Link plugs)	

6.2 BANG & OLUFSEN





Available parts Baffle – left Baffle – right 9001 --9015 9014 9002 <u>Incl. pos. nos. 9004, 90</u>05 9003 9104 9016 9003 -Baffle 9101 -9017 -9018 9004 9102 9019 9102 -9005 -9020 9006 9103 Incl. pos. nos. 9004, 9005 9007 9020 9008 -9021 9001 -9010 -9011 -9012 -9013 9009

BANG & OLUFSEN Available parts 8.2

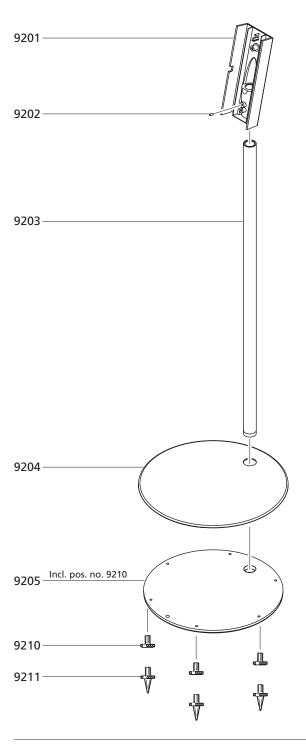
BeoLab 4000 MKII	9001	3451181	Top/bottom, red
Beolab 4000 WKII	500.	3451227	Top/bottom, blue
		3451242	Top/bottom, dark grey
		3456201	Top/bottom, aluminium
		3456202	Top/bottom, black
		3456205	Top/bottom, yellow
	9002	3358346	Heat sink incl. pos. nos. 9004, 9005
	9003	3947350	Foam tape, 10m
	9004	3340136	Gasket
	9005	3340090	Gasket
	9006	3169054	Bracket incl. pos. nos. 9004, 9005
	9007	3170226	Shield
	9008	3152399	Holder f/PCB2
	9009	3151432	Holder f/PCB1
	9010	2576128	Adapter
	9011	6150039	Light guide
	9012	3340134	Gasket f/light guide
	9013	2938320	Bush f/light guide
	9014 9015	3440162	Baffle, left
	9015	3440163 8480321	Baffle, right Tweeter
	9017	8480384	Woofer
	9017	3320300	Front frame, black
	5010	3320742	Front frame, grey
		3320742	Front frame, yellow
		3320885	Front frame, dark grey
	9019	2568090	Set of profiles, black
	30.3	2568111	Set of profiles, yellow
		2568148	Set of profiles, red
		2568150	Set of profiles, blue
		2568158	Set of profiles, dark grey
	9020	2816315	Spring
	9021	3332015	Set of gaskets
	01Module	8003563	PCB01, Amplifier
	021.4 -		DCDO3 SMDS
	UZIVIOQUIE	8003556	PCB02, SMPS
	02Module		PCB03, Main PCB
		8003562	
	03Module 04Module	8003562 8003555	PCB03, Main PCB PCB04, LED
	03Module 04Module 9101	8003562 8003555 3031601	PCB03, Main PCB PCB04, LED Bracket f/wall
	03Module 04Module 9101 9102	8003562 8003555 3031601 3031620	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker
	03Module 04Module 9101	8003562 8003555 3031601	PCB03, Main PCB PCB04, LED Bracket f/wall
	03Module 04Module 9101 9102 9103	8003562 8003555 3031601 3031620 2816297	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips
Screws etc	03Module 04Module 9101 9102 9103 9104	8003562 8003555 3031601 3031620 2816297 3031651	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete
Screws etc.	03Module 04Module 9101 9102 9103 9104	8003562 8003555 3031601 3031620 2816297 3031651 2013177	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm
Screws etc.	03Module 04Module 9101 9102 9103 9104	8003562 8003555 3031601 3031620 2816297 3031651	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete
Screws etc.	03Module 04Module 9101 9102 9103 9104	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring
Screws etc.	03Module 04Module 9101 9102 9103 9104	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm
Screws etc.	03Module 04Module 9101 9102 9103 9104	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm
Screws etc.	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab
Screws etc.	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2013137	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm
Screws etc.	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6 7	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2013137 7530119	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm Solder tab
Screws etc.	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6 7 8 9 10	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2013137 7530119 2015182 2015132 2015139	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm Solder tab Screw 3 x 13mm Screw 3 x 10mm
Screws etc.	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6 7 8 9 10 11	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2013137 7530119 2015182 2015132 2015132 2015139 2054046	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm Solder tab Screw 3 x 13mm Screw 3 x 10mm Screw 3 x 12mm
Screws etc.	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6 7 8 9 10	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2013137 7530119 2015182 2015132 2015139	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm Solder tab Screw 3 x 13mm Screw 3 x 10mm
Screws etc.	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6 7 8 9 10 11 12	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2013137 7530119 2015182 2015132 2015132 2015139 2054046 3340137	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm Solder tab Screw 3 x 13mm Screw 3 x 10mm Screw 3 x 12mm
	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6 7 8 9 10 11 12	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2013137 7530119 2015182 2015182 2015132 2015139 2054046 3340137	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm Solder tab Screw 3 x 13mm Screw 3 x 13mm Screw 3 x 13mm Screw 3 x 12mm Gasket of the Wiring diagram page 7.1
	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6 7 8 9 10 11 12 The W num	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2013137 7530119 2015182 2015132 2015139 2054046 3340137	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm Solder tab Screw 3 x 13mm Screw 3 x 10mm Screw 3 x 10mm Screw 3 x 12mm Gasket of the Wiring diagram page 7.1 Wire, Inlet
	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6 7 8 9 10 11 12 The W num	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2013137 7530119 2015182 2015132 2015139 2054046 3340137	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm Solder tab Screw 3 x 13mm Screw 3 x 10mm Screw 3 x 10mm Screw 3 x 12mm Gasket of the Wiring diagram page 7.1 Wire, Inlet Wire, SMPS
	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6 7 8 9 10 11 12 The W num W01 W02 W03	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2015132 2015132 2015132 2015132 2015139 2054046 3340137 aber refers to 6278171 6278172 6278173	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm Solder tab Screw 3 x 13mm Screw 3 x 10mm Screw 3 x 12mm Gasket or the Wiring diagram page 7.1 Wire, Inlet Wire, SMPS Wire, Amplifier
	03Module 04Module 9101 9102 9103 9104 1 2 3 4 5 6 7 8 9 10 11 12 The W num	8003562 8003555 3031601 3031620 2816297 3031651 2013177 2816298 2042053 2013229 7530087 2013137 7530119 2015182 2015132 2015139 2054046 3340137	PCB03, Main PCB PCB04, LED Bracket f/wall Bracket f/speaker Clips Wall bracket, complete Screw 3 x 13mm Spring Screw 4 x 16mm Screw 3 x 6mm Solder tab Screw 3 x 10mm Solder tab Screw 3 x 13mm Screw 3 x 10mm Screw 3 x 10mm Screw 3 x 12mm Gasket of the Wiring diagram page 7.1 Wire, Inlet Wire, SMPS

8.3 Available parts BANG & OLUFSEN

Mains cables	6100273	Mains cable, EU, 3m
	6100329	Mains cable, UK, 3m
	6100307	Mains cable, US, 3m
	6100331	Mains cable, JP, 3m
	6100332	Mains cable, AUS, 3m
	6100386	Mains cable, KOR, 3m
	6100047	Mains cable, China, 3m
Packing	3397996	Set of foam
-	3392504	Outer carton
Parts not shown	3658262	Product cover
	3103325	Rubber foot
	3040030	Allen key
	6270041	Power Link cable MKIII, 5m, black
Accessories	1203726	Base
	6270856	Phono male to PL line-in, black, 5 m
	6270433	Stereo mini-jack (male) to 2 x phono-female, black, 3m
Available documentation		See Retail Ordering System

BANG & OLUFSEN Available parts 8.4

Floor Speaker Stand – type 2069



9201	3031707	Fitting
9201	3031707	Fitting
9202	2072119	Fixing screw
9203	2950216	Aluminium tube
9204	3459257	Cover plate
9205	2752081	Foot incl. pos. no. 9210
9210	3103392	Foot "soft"
9211	3103390	Foot "spike"
	3390616	Bag w/parts (2 screws 4x12mm, 6 pcs. of pos. no. 9211 and 1 torx key
	3504637	Setting-up guide
	3392710	Outer carton
	3396136	Foam packing top/bottom

8.5 BANG & OLUFSEN

Bang & Olufsen DK-7600 Struer Denmark

Phone +45 96 84 11 22* Fax +45 97 85 39 11

3538061 03-07