



Philips Consumer Lifestyle

Service Manual

PRODUCT INFORMATION

- This full-body tanning appliance is equipped with an electromechanical timer connected to an electronic watchdog that immediately switches off the appliance in case the timer is defective. This watchdog consists of a PCB attached to the rear of the timer housing and also gives a signal when the last minute of the set time has been reached.
- The UV lamps only burn in combination with the IR (relax) lamps. When the UV lamps are on the IR lamps burn at reduced intensity.
- This tanning appliance has also been fitted with a scent unit. The scent granules required for this unit can be ordered as service part (see parts list).

IMPORTANT

- Because of the brief high starting voltage, the appliance should be connected to a circuit protected with a 16A fuse.
- HPA lamps only go on at a restart if they have cooled down sufficiently.
- Never touch the HPA lamps with your fingers. If necessary, clean the lamps with a cloth moistened with some alcohol.
- When a new HPA lamp is installed, this lamp may have a different colour compared to the other lamp. This is normal and will disappear after a short period of use.
- After repair, the glass filters should be free from fingerprints. If necessary clean the filters with some alcohol.
- Never look directly into the light of an HPA lamp when it is on without protective goggles.
- Insufficient cooling – for instance when the vents are blocked or when the fan has broken down – will cause the thermal safety cut-out to switch the appliance off. Once the cause of overheating has been removed and the appliance has cooled down sufficiently, it will switch automatically on again.
- Let the appliance cool down for 15 minutes before folding it back into transport position and storing it.
- Only move the appliance when it is in transport position, i.e. when it is folded.
- If there are complaints about inadequate tanning, the output of the lamps can be measured with a UV-X 36 meter. For the minimum values, see table under 'Technical information'.

- Input voltage : 230 V – 50 Hz.
- Input consumption : Approx. 2200 W
- Fuse : 16 A
- UVA source : 2 x Philips Cleo HPA SYNERGIE
- IR source : 2 x Philips type 15040R
- Starter : KAIDA KCCD-G400
- Timer : 45 min. (motor driven)
- Radiation area : 190 x 70 cm
- Output (min) UVX-36 meter : 0.2 W/cm² at 65 cm. straight below the distance indicator
- Protecting goggles : 2 x HB072
- Safety : Class II Cenelec UV type 3
- Weight : Approx. 19 kg.

DISASSEMBLY & REPAIR INSTRUCTION

Always unplug the appliance before disassembly or repair!

1. Replacing lamps, fans and starters.

- Fold the appliance out into operating position.
- Remove 12 screws on the bottom of the lamp housing.
- Remove the upper part of the lamp housing (the fans, starters and internal wiring are now accessible)
- Remove the screws of the mounting bridge
- Remove the reflector clamps.
- Remove the reflector.
You have to lift the mounting bridge to do so.

2. Replacing timer and lock grips.

- Remove the timer knob.
- Undo the 4 screws under the knobs.
- Remove the timer front.
- Undo 6 screws of the timer housing.
- Remove the front of the timer housing.
- Timer and lock grips are now accessible.

3. Replacing watchdog

- Start disassembling the appliance as described under 2.
- Undo the 4 remaining screws.
- Remove the back of the timer housing.
- The watchdog is now accessible.

4. Replacing seesaws (always replace both)

- Make sure the slider is in bottom position.
- Start disassembling the appliance as described under 2.
- Remove the lock grips.
- Remove spring. Be careful, for the spring is tensioned.
- Remove 2 shafts.
- Remove the seesaws.

5. Stand

- The column of the stand has been mounted by means of a hydraulic press and cannot be removed without causing serious damage.
- As a result, the hinge housing cannot be disassembled either.
- The legs have been mounted on the paw by means of a hydraulic press and cannot be removed without causing serious damage.

To replace the hinge housing assy:

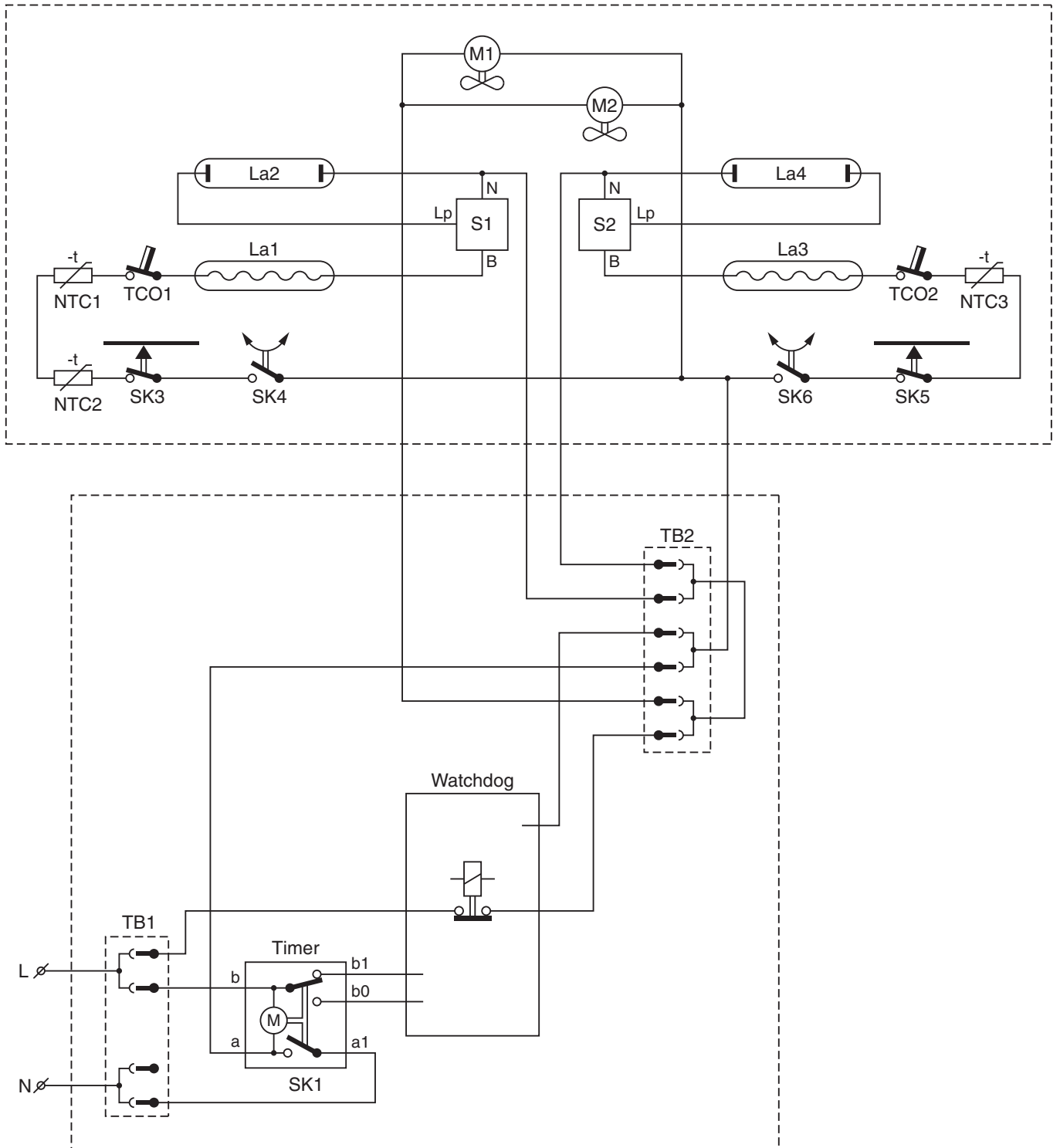
- Undo the screws of the main grip.
- Take the main grip off stand.
- Remove the black plastic tube from the column.
- Slide the lamp housing together with the slider off the column.

To replace the paw and the paw cap (L&R) and the wheels:

- Undo the screw on the inside of the paw.
- Unsnap the paw caps.
- The wheels are now accessible.
- Undo 4 screws in the point of rotation of the paw to detach the paw.

To replace the sliding plug leg:

- To replace the sliding plug of the leg, the existing sliding plug has to be smashed with the pointed end of a hammer; otherwise it can't be removed without damaging the leg. A new sliding plug can simply be snapped onto the leg.



PARTS LIST

HP8550

Item	Service code	Description
1	4222 062 95940	Paw cap R
2	4222 062 95950	Leg assy R
3	4222 062 95960	Leg assy L
4	4222 062 95970	Leg sliding plug (set)
5	4222 062 97181	Hinge assy
6	4222 062 95990	Paw cap L
7	4222 062 96000	Wheel
8	4222 062 96010	Fan assy
9	4222 062 96020	Slider assy
10	4222 062 96030	Main flex EU
	4222 062 96040	Main flex UK
	4222 062 96050	Main flex CH
11	4222 062 96070	Timer MS 65 (45 min.)
12	4222 062 97101	Timer housing middle
13	4222 062 97111	Timer housing front
14	4222 062 97131	Knob timer
15	4222 062 97121	Timer housing back
16	4222 062 96170	Watch dog
17	4822 265 30284	Connecting block 3S
18	4222 062 96190	Sea saw (set)

Item	Service code	Description
19	4222 062 97081	Lamp housing US
20	4822 404 40639	Switch bracket
21	4822 214 12272	Starter HPA
22	4822 271 30619	Micro switch
23	4822 410 40417	Switch pin
24	4222 062 96230	17 tabs PCB
25	4222 062 97091	Lamp housing LS
26	4222 062 95020	Distance indicator
27	4222 062 96280	Screw (set 3.5x20 and 3.5x12)
28	4222 062 96290	Lamp HPA
29	4222 062 96300	Lamp IR
30	4222 062 95920	Thermal cut off 90 °C
31	4222 062 96310	Lamp holder assy IR
32	4222 062 95250	Reflector clamp
33	4822 325 20102	Lamp holder HPA
34	4222 062 96320	Reflector assy
35	4222 062 94580	NTC resistor 22W
36	4222 062 94570	NTC connector
37	4222 062 96330	Scent refill packages HB 080
38	4822 690 80147	Protecting Goggles HB 072

