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DuraSystem®

操作说明

Operating instructions

操作说明 组合系统

Actuator plate A2 for toilet, glass

Order no. (manual): 70000578/21.11.2
Reference no. (manual): 57569/21.11.2 We reserve the right to make technical improvements and design modifications to the products illustrated.



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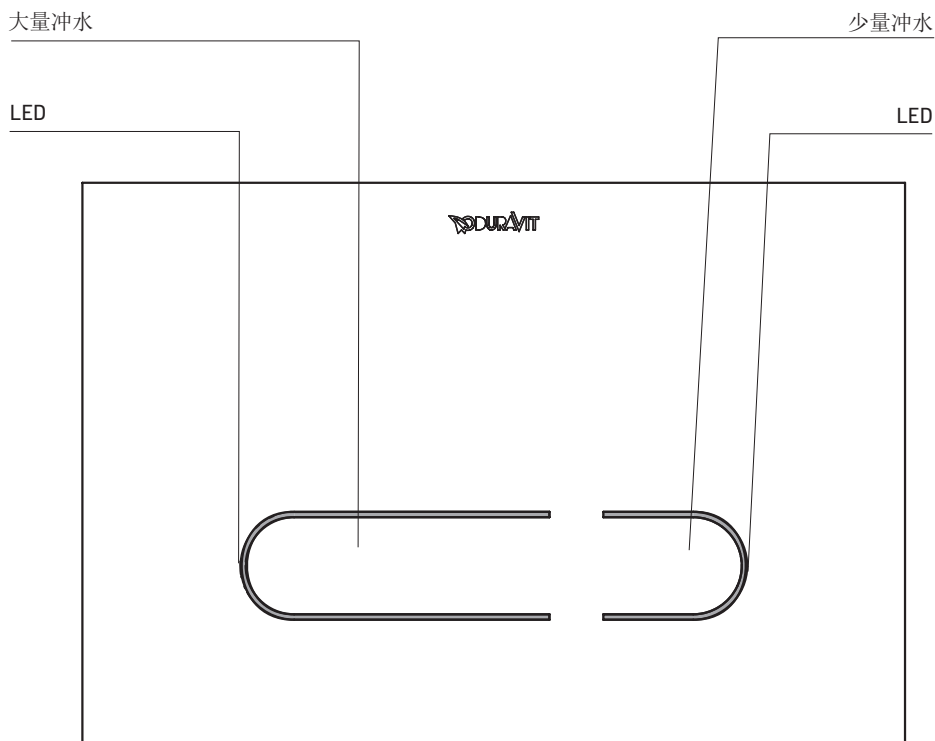
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1. 概览图

1.1 操作板



操作板上的 **LED** 显示内容

■ 橙色

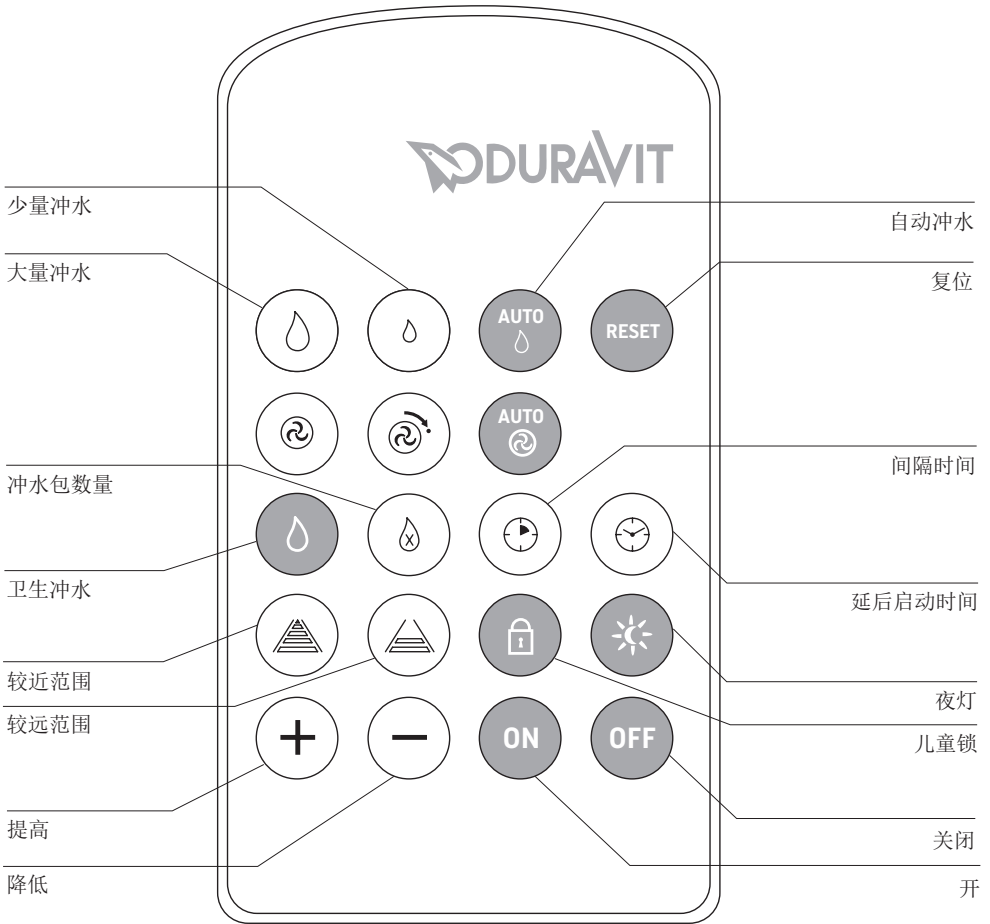
应急电源，功能受限

■ 蓝色闪烁

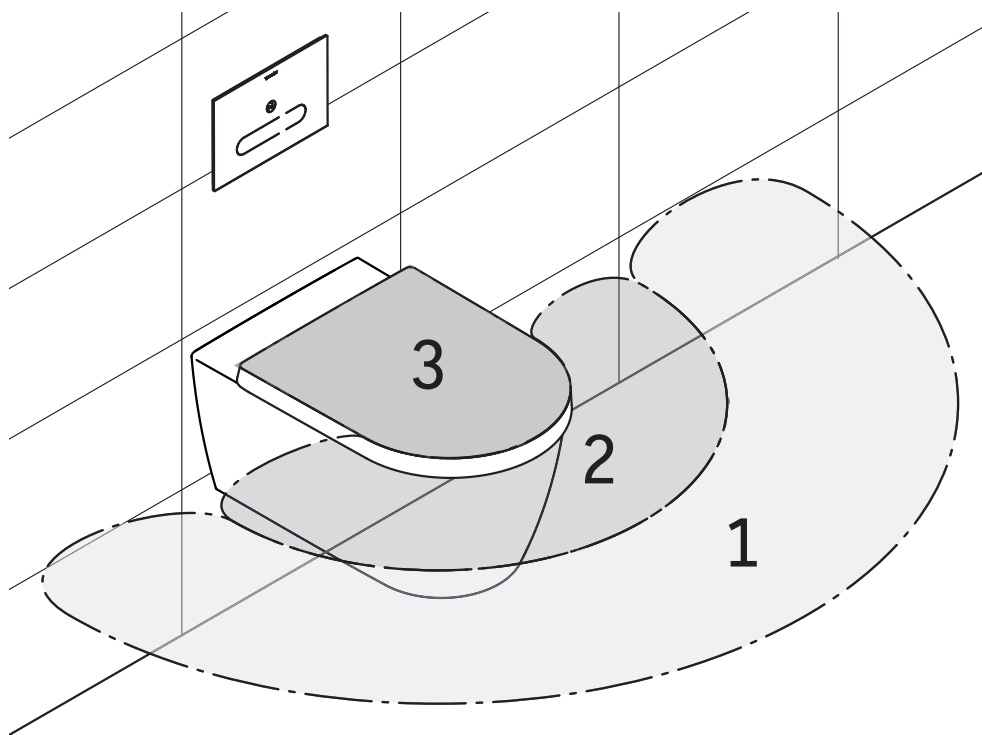
通过远程进行 设置

已达最小范围或最大范围（连续闪烁3次）

1.2 遥控器





1.3 感应范围



操作板上的 **LED** 显示内容

- | | |
|--------|-----------------|
| ■ 青绿色 | 较远范围设置（范围 1） |
| ■ 黄色 | 中间范围设置，自动（范围 2） |
| ■ 红色 | 较近范围设置（范围 3） |
| ■ 红色闪烁 | 已切换至特殊模式 |
| ■ 蓝色闪烁 | 已切换至普通模式 |

2. 信息词及符号的解释

 危险	高风险、致命危险、严重伤害
 警告	中度危险、严重伤害
提示	财产损失

使用以下符号：

>	此处要求您进行操作。
i	此处有提示！

3. 安全须知

为了确保您能长时间使用操作板 **A2**，请认真阅读本操作说明书，尤其是安全提示。请妥善保管本操作说明书，如产品需转交给他人使用时，请附带本说明书。本操作说明书在付梓时符合设备的最新技术水平。**Duravit** 保留因继续研发产品而进行更改的权利。

3.1 按规定使用

Duravit 操作板 **A2** 设计用于通过内置的卫生冲洗装置 **#WD1023** 或 **#WD1024** 实现 **DuraSystem®** 坐便器元件的冲洗功能。该操作板仅可在室内使用。任何其他使用方式都不合规。对于非正常使用，**Duravit** 不承担任何责任。

3.2 安全提示

请认真阅读并遵守以下安全提示！

使用须知

对于儿童、不了解本设备的人员，或身体、感官、精神等方面存在缺陷的人员，只有经过安全指导后或在其他人员监护下才可使用本设备。

危险

电击会造成健康受损

接触电流会导致电击

> 产品功能不正常或电缆受损时请勿使用。请立即将其断电。

联系 help@duravit.com。

> 在拆卸操作板之前，包括更换电池时，请务必断开电源电压。

提示

因使用不当而造成产品损坏和/或财产损失

使用不当可能会导致产品损坏、事故和故障。

> 请勿将操作板安装在有结霜危险的室内。室温不应低于 4 °C。

> 不要让操作板受到水的冲洗或阳光直射。

> 请勿使用 Duravit 推荐附件以外的产品。

> 确保操作板的玻璃不会蒙上水汽或受潮。

> 禁止使用研磨性、腐蚀性或化学性清洁剂。

> 不要在操作板的感应区域放置物品。

> 仅可使用随附的吸盘来拆卸操作板。

因非专业维修而造成产品受损和/或财产损失

非专业人员尝试进行维修可能会导致产品受损、事故和故障。

> 如操作板出现受损或损坏迹象，切勿擅自进行改动、篡改、加装或自行维修。

> 仅可由具有相关资质的电工或技术人员进行维修。

电池使用注意事项

电池位于遥控器中，并为操作板本身提供应急电源。

⚠ 危险

不慎吞下会造成生命危险

如不慎吞下电池，可能会造成生命危险。

- > 请将电池放置在儿童够不到的位置。
- > 如已吞下电池，请立即就医。

⚠ 警告

电池漏液会导致健康受损

电池酸液泄漏会造成人身伤害。

- > 如电池酸液出现泄漏，避免其接触到皮肤、眼睛和粘膜。
- > 如果接触了酸液，则使用大量的冷水冲洗相关部位并立即就医。

提示

产品损坏和/或财产损失

使用不当可能会导致产品受损和/或财产损失。

- > 请勿为电池充电，不得利用其它工具重新激活电池，禁止将电池拆卸、投入火中或使其短路。
- > 电池电量耗完后，请立即从遥控器中取出。否则液体可能流出并造成损坏。
- > 装入电池之前，请清洁电池和触点。注意极性是否正确。
- > 较长时间不使用遥控器时，请取出电池。
- > 请勿将电池放置在极端条件下：请勿将其置于高温表面上，也不要将其暴露在阳光直射的位置。否则会增加液体流出的危险。
- > 请使用合适的电池（参见 12.3 电池）。装入不正确的电池可能会导致危险情况。

4. 调试

若已正确安装并连接到交流电，操作板便可正常工作。当您靠近坐便器时，基本功能的控制按键将自动亮起。可以通过遥控器进行设置。

i 您可以根据浴室的空间情况调整自动接近感应（参见 6.4 设置接近感应）。

5. 无接触式操作原理

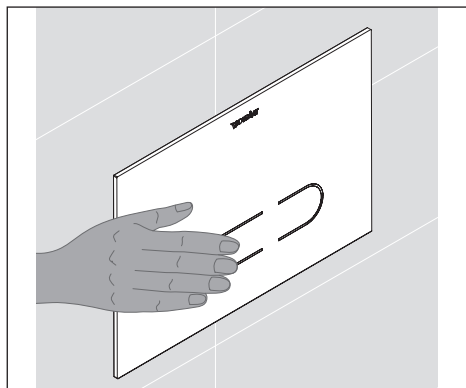
操作板 A2 为传感器控制的操作板。直接通过操作板 A2（参见 1.1 操作板 A2）执行。使用随附的遥控器可以进行其他设置（参见 1.2 遥控器）。

若将手放在相应控制元件前方，便会触发冲水功能，必要时还可触发除味功能。触发区域大约在操作板前 1 厘米处。若要触发这些功能，还可选择触摸操作板相应位置。

6. 操作

直接通过操作板执行。可以通过遥控器进行设置。

6.1 冲水指示灯

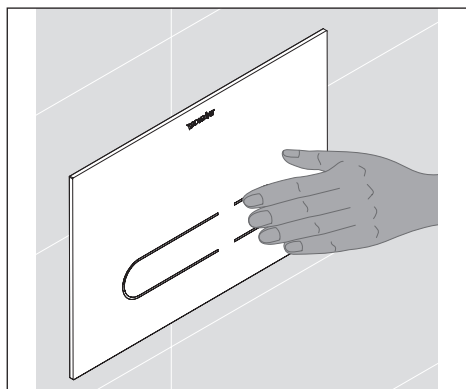


触发大量冲水

通过触发大量冲水，陶瓷坐便器会放出大量的水进行冲洗。

> 将手放在左边的长键前方，

即可触发大量冲水。

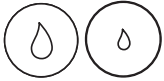


触发少量冲水

通过触发少量冲水，陶瓷坐便器会放出少量的水进行冲洗。

> 将手放在右边的短键前方，

即可触发少量冲水。



设置冲水量

您可以调整陶瓷坐便器的冲水量，从而实现陶瓷坐便器的最佳冲水效果（增加冲水量）或防止放水过量（减少冲水量）。这些设置可应用于大量和少量冲水功能

（见表 1：调整冲水量）。

> 按下遥控器上的预选键“大量冲水”或“少量冲水”。

控制元件右上方的 LED 状态指示灯亮起蓝色。此时您有 4 秒钟来逐步更改冲水量。

> 如需增加冲水量，请按下设置键“+”。

> 如需减少冲水量，请按下设置键“-”。

每次按下按键时，右侧 LED 状态指示灯将闪烁蓝色。冲水量将根据相应步骤增加/减少。

	出厂设置	设置范围
大量冲水	约 6 l	约 4 l、5 l、6 l、7 l
少量冲水	约 3 l	约 3 l、3.5 l、4 l

表 1：设置冲水量



激活/禁用自动冲水

如果用户（如儿童）从坐便器上起身 20 秒内未自行按下冲水键，便会触发自动冲水功能。

您可以通过遥控器激活和禁用此功能（见表 2：自动冲水）。

> 按下遥控器上的预选键“自动冲水”。

控制元件左上方的 LED 状态指示灯亮起蓝色。此时您有 4 秒钟来激活（禁用）自动冲水。

> 按下设置键“ON”（“OFF”）。

右侧 LED 状态指示灯闪烁。自动冲水已激活（禁用）。

	出厂设置	设置范围
自动冲水	已禁用	开/关

表 2：自动冲水

排空水箱

必要时，可将水箱排空。

> 连续大量冲水几次，直到水箱完全排空。



激活/禁用卫生冲水

自动卫生冲水功能可定期进行冲水，以避免管道系统中积水。您可以通过遥控器激活和禁用此功能（见表 3：设置卫生冲水）。

> 按下遥控器上的预选键“卫生冲水”。

控制元件左上方的 LED 状态指示灯亮起蓝色。此时您有 4 秒钟可激活（禁用）卫生冲水。

> 按下设置键“ON”（“OFF”）。

右侧 LED 状态指示灯闪烁。卫生冲水已激活（禁用）。

i 首次激活时，将定下卫生冲水的启动时间并执行一次卫生冲水。例如，若您在下午 6:00 激活了卫生冲水，则该功能将始终在下午 6:00 启动。启动时间可以 4 小时为单位进行延后（参见章节“设置卫生冲水”）。如需完全重置启动时间，则必须执行一次常规设备重置（参见章节“重置”）。



设置卫生冲水

使用卫生冲水功能，您可以设置冲水时间、冲水次数和间隔时间（见表 3：设置卫生冲水）。

> 按下遥控器上的“延后启动时间”、“冲水次数”或“间隔时间”预选键

控制元件左上方的 LED 状态指示灯亮起蓝色。此时您有 4 秒钟可以逐步更改设置。

> 如需提高设置值，请按设置键“+”。

> 如需降低设置值，请按设置键“-”。

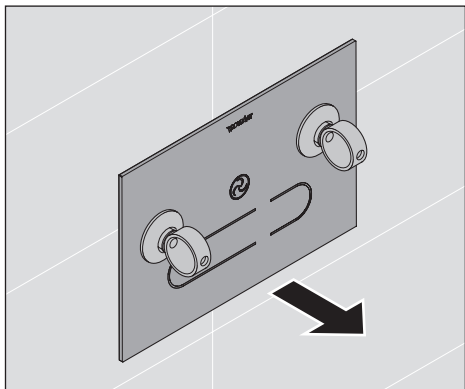
每次按下按键时，右侧 LED 状态指示灯将闪烁蓝色。设置值将根据相应步幅增加/减少。

	出厂设置	设置范围
卫生冲水	已禁用	开/关
冲水次数	1	1 至 10
间隔时间	72 h	24 h、48 h、72 h...至 240 h
延后启动时间	0	0、1、2、3、4、5（4 小时为一个单位）

表 3：设置卫生冲水

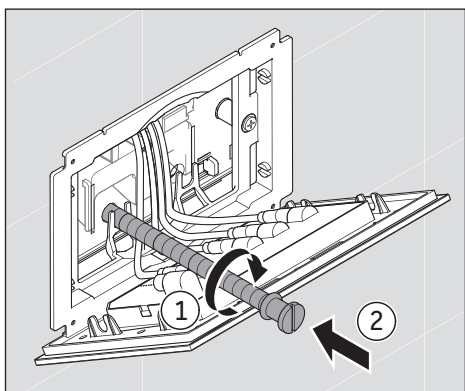
手动触发

在紧急情况下、发生电力故障、电池故障或操作板损坏时，也可手动触发坐便器冲水功能。



卸下操作板

> 用随附的吸盘取下操作板。



触发冲水

> 将随附的螺纹杆（维修附件）旋入操作板的开口处。

6.2 其他设置

打开清洁功能

您可以将操作板上的按键锁定 2 分钟，以防止清洁过程中触发冲水和除味。

> 同时按住按键“少量冲水”和“大量冲水”三秒钟。

按键背景灯熄灭。操作板上的按键已锁定。2 分钟后，按键将再次亮起。操作板恢复所有功能。



禁用/激活夜灯

夜灯将根据环境亮度自动打开或关闭。您可以通过遥控器禁用或重新激活此功能。

> 按下遥控器上的预选键“夜灯”。

控制元件左上方的 LED 状态指示灯亮起蓝色。此时您有 4 秒钟可以禁用（激活）夜灯。

> 按下设置键 “OFF” (“ON”)。

右侧 LED 状态指示灯闪烁。夜灯已禁用（激活）。

	出厂设置	设置范围
夜灯	已激活	开/关

表 5: 夜灯



激活/禁用儿童锁

如果操作板上的冲水键在 2 分钟内触发超过五次，按键将自动消失。操作板已锁定。

2 分钟后，按键将再次亮起。操作板恢复所有功能。

您可以通过遥控器激活或再次禁用儿童锁功能（见表 6）。

> 按下遥控器上的预选键“儿童锁”

控制元件左上方的 LED 状态指示灯亮起蓝色。此时您有 4 秒钟可以激活（禁用）儿童锁。

> 按下设置键 “ON” (“OFF”)。

右侧 LED 状态指示灯闪烁。儿童锁已激活（禁用）。

	出厂设置	设置范围
儿童锁	已禁用	开/关

表 6: 儿童锁



复位

使用复位功能可将所有设置重置为出厂设置并重新启动软件。

> 按住遥控器上的按键“重置” 10 秒钟。

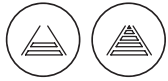
设置已重置为出厂设置。

6.3 设置接近感应

接近感应功能通过电子传感器实现，在有人员接近坐便器时自动激活操作板。如果您的浴室非常小或非常大，则可根据空间大小调整自动接近感应功能。

操作板 A2 有两种模式：普通模式，用于设置较近范围和较远范围；特殊模式，针对小浴室，仅用于设置较近范围。中间范围则自动设置（参见 1.3 接近感应）。

i 如需了解如何设置不同的范围，请按下遥控器上的按键“较远范围”或“较近范围”，直至 LED 状态指示灯亮起。此时，操作板上的 LED 状态指示灯将指示您当前处于哪个范围：较近范围为红色，中间范围为黄色，较远范围为青绿色。当您走近操作板或远离操作板时，可以通过 LED 状态指示灯来识别出各个范围之间的界限。



调整普通模式

您可以根据浴室情况通过遥控器调整接近感应功能（参见表 7）。

> 按下遥控器上的预选键“较远范围”或“较近范围”。

控制元件左上方的 LED 状态指示灯亮起。此时您有 4 秒钟可以逐步更改设置。

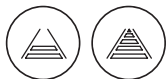
> 如需提高设置值，请按设置键“+”。

> 如需降低设置值，请按设置键“-”。

每次按下按键时，右侧 LED 状态指示灯将亮蓝色。设置值将根据相应步骤增加/降低。

	出厂设置	设置范围
较近范围	约 50 cm	约 20 – 60 cm（8 级）
较远范围	约 100 cm	约 60 – 100 cm（14 级）

表 7：接近感应普通模式



激活和调整小浴室的特殊模式

如果您的浴室非常小，您可以从普通模式切换到特殊模式。在特殊模式下，只能调整较近范围，较远范围的传感器已禁用。

> 按下遥控器上的预选键“较远范围”。

控制元件左上方的 LED 状态指示灯亮起。此时您有 4 秒钟可以更改设置。

> 按住预选键“较远范围”五秒钟。

操作板上的 LED 状态指示灯闪烁红色三次。特殊模式已激活。

在特殊模式下，您可以根据浴室情况调整较近范围（见表 8）

> 按下遥控器上的预选键“较近范围”。

控制元件左上方的 LED 状态指示灯亮起。此时您有 4 秒钟可以逐步更改设置。

> 如需提高设置值，请按设置键“+”。

> 如需降低设置值，请按设置键“-”。

每次按下按键时，右侧 LED 状态指示灯将闪烁蓝色。设置值将根据相应步骤增加/降低。

i 在针对小浴室的特殊模式下，您必须设置较近范围，以便以识别中间区域内站在陶瓷坐便器前面的人（参见 1.3 接近感应）。确保不会感应到物品、门或墙壁：当您离开陶瓷坐便器时，黄色 LED 状态指示灯必须熄灭。

	出厂设置	设置范围
较近范围	约 50 cm	约 20 - 60 cm（8 级）

表 8：接近感应特殊模式

7. 应急电源

如果主电源发生故障，将直接切换到应急电源。在这种情况下，部分功能会自动禁用，以减少所需功率。保持激活的功能有：

- 大量冲水和少量冲水（在应急电源模式下，按键会持续亮起橙色）。

所有其他功能都会被禁用。

8. 更换电池

在断电等情况下，操作板 A2 可在短时间以电池模式运行。一年半后或较长时间断电后，应更换备用电池。

9. 清洁和保养

提示

> 禁止使用研磨性、腐蚀性或化学性清洁剂。

清洁

- > 使用柔软的湿布清洁表面。
- > 若已严重脏污，则用布蘸取温水和无色温和型清洁剂清除污垢。
- > 然后再用湿布擦拭，直至清除所有清洁剂残留物。
- > 擦干表面。

10. 废弃处理

10.1 电气和电子设备



废弃的电气和电子设备可能含有危险物质。不要将该设备丢弃在残余垃圾中。必须根据本国现行的环保法规将操作板进行废弃处理。将其送至指定收集站点，以便进行电气和电子报废设备 (WEEE) 的回收。这有助于保护原材料和环境。请咨询您的经销商或当地有关部门。

10.2 电池

用完的电池必须正确进行处理。

为此，出售电池的商店及当地收集站提供了带有相应标签的电池回收箱。

10.3 包装材料

严禁儿童把玩塑料袋或包装材料，否则可能出现受伤或窒息危险。将这些材料存放在安全的地方或以环保方式进行废弃处理。如果可能，请将包装一直保留至保修期结束。

11. 故障处理

提示

> 仅可由具有相关资质的电工或技术人员进行维修。

问题	可能原因	故障排除方法
LED 显示		
LED 状态指示灯亮起橙色	设备处于电池运行模式（可使用冲水功能）	
LED 状态指示灯闪烁橙色 3 次	提示电池连接	
基本功能		
操作板失灵	已断电	> 重新连接电源。
按键灯不亮	清洁功能已激活	> 按键在 2 分钟后会自动重新出现。
	儿童锁已激活	> 按键在 2 分钟后会自动重新出现。
	功能异常	> 联系help@duravit.com。
按键灯持续亮起	感应区域有障碍物，如家具	> 移除障碍物。
	接近感应功能设置不正确	> 切换到接近感应的特殊模式（针对小浴室）。
	功能异常	> 联系help@duravit.com。
冲水功能		
水不停流入陶瓷坐便器	软件故障	> 断开电源 10 秒。 > 重新连接电源。
	电机机械故障	> 联系help@duravit.com。
陶瓷坐便器冲水量不足	冲水量设置不正确	> 增加冲水量。
	电机机械故障	> 联系help@duravit.com。

问题	可能原因	故障排除方法
卫生冲水		
卫生冲水失灵	上次卫生冲水后使用了操作板	> 在下一个时间间隔结束后进行卫生冲水。
	卫生冲水已禁用	> 激活卫生冲水。
卫生冲水的冲水频率过高或过低	冲水次数设置不正确	> 调整冲水次数。
卫生冲水在不正确的时间冲水	启动时间设置不正确	> 调整启动时间。
夜灯功能		
夜灯不亮	夜灯已禁用	> 激活夜灯。
	环境光线太亮	
夜灯持续保持亮起	环境光线太暗	> 禁用夜灯。
	操作板脏污或潮湿	> 清洁操作板或进行干燥处理。

12. 技术数据

产品编号 #WD 5003

12.1 铭牌

铭牌位于操作板 A2 的背面。本产品符合欧盟所有适用指令。

12.2 操作板 A2

额定电压 24 V DC SELV

额定功率消耗 10 W

温度范围

工作温度 0 – 55 °C

防护等级

III

防护类型

IP X4, 全方位防喷水保护

12.3 电池

遥控器

纽扣电池 CR2025

电机机械

6 V DL223/EL223/CRP2

质保

质保条款请参见我们的一般商业条款 (GTC), 网址:
www.pro.duravit.com

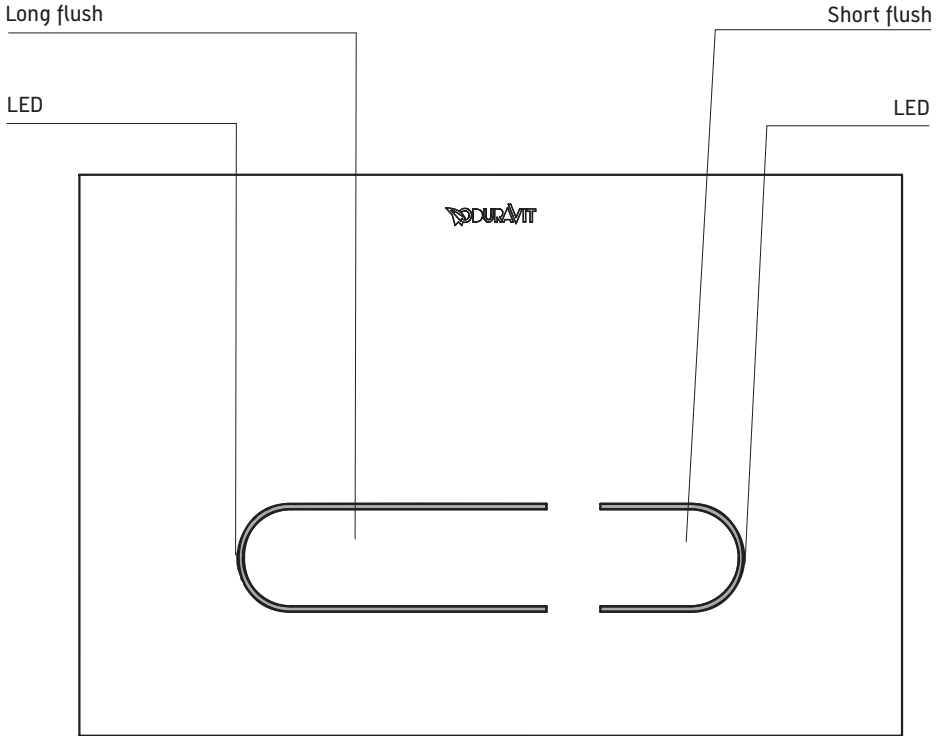
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1. Diagrams and pictures

1.1 Actuator plate



LED display on the actuator plate

■ Orange

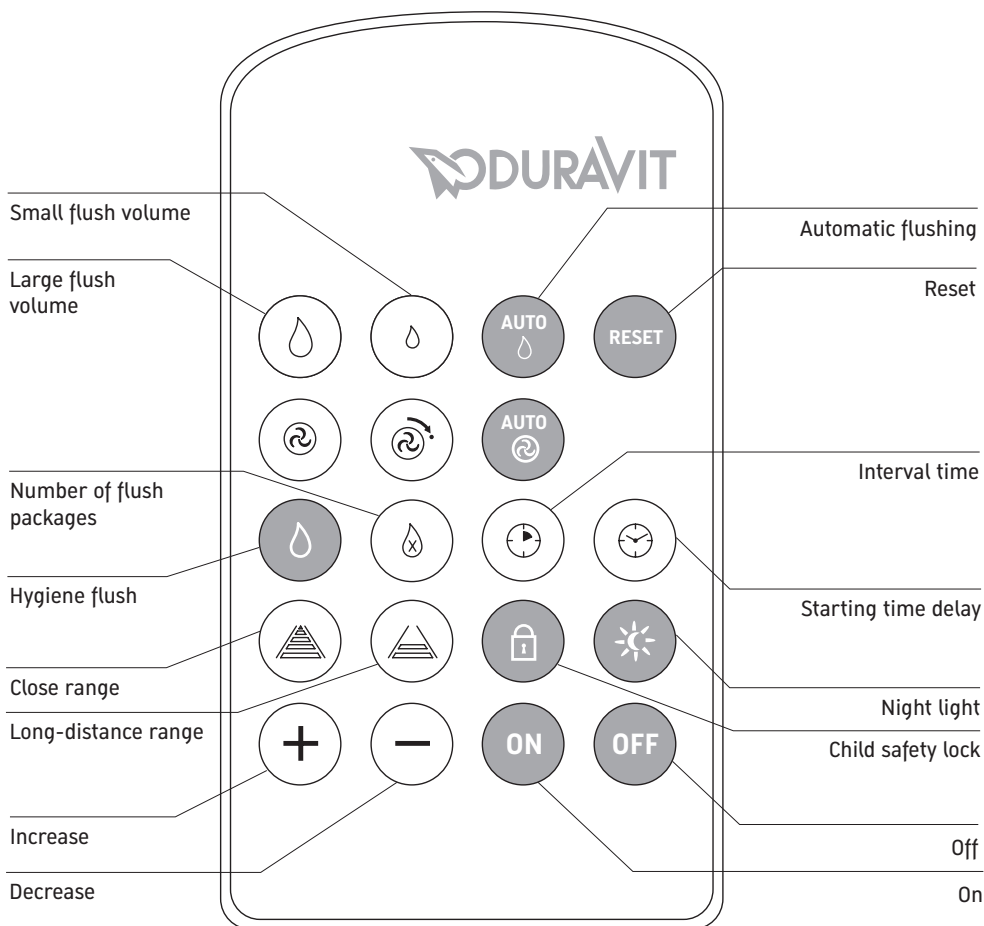
■ Flashing blue

Emergency power mode, limited functionality

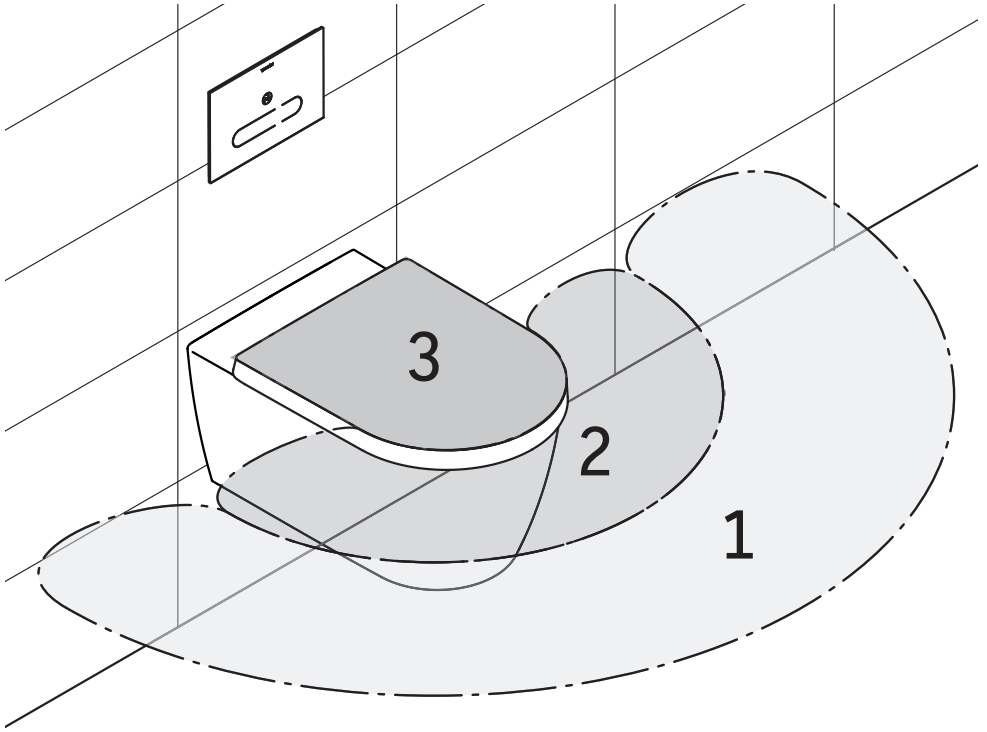
Settings are controlled via remote control

Minimum or maximum range has been reached (flashes 3 times in succession)

1.2 Remote control





1.3 Presence detection




LED display on the actuator plate

■ Turquoise	Setting for the long-distance range (range 1)
■ Yellow	Setting for the intermediate range, automatic (range 2)
■ Red	Setting for the close range (range 3)
■ Flashing red	Changes to special mode
■ Flashing blue	Changes to normal mode

2. Explanation of key words and symbols

 DANGER	High risk, lethal hazards, severe injuries
 WARNING	Medium risk, severe injuries
NOTE	Damage to property

The following symbols are used:

>	A request for your input.
	Hints and tips are provided here!

3. For your safety

Please read these operating instructions carefully, particularly the safety instructions, to ensure that you will enjoy your actuator plate A2 for years to come. Keep the operating instructions in a safe place and in the case of a change in ownership, please ensure they are given to the new owner.

These operating instructions correspond to the technical state of the unit at the time of printing. Duravit reserves the right to make changes in the interest of further development.

3.1 Normal use

The Duravit actuator plate A2 is intended for the flush release of DuraSystem® toilet frames with an integrated hygiene flush #WD1023 or #WD1024. The use of the actuator plate is restricted to indoor areas. Any other usage is deemed as not corresponding with normal usage. Duravit undertakes no liability for abnormal usage.

3.2 Safety instructions

Please read and comply with the following safety instructions!

Requirements for users

Children and persons with insufficient knowledge or experience in handling the unit, or who have limited physical, sensory or mental capabilities, may only use the unit following proper instruction or when supervised.

DANGER

Damage to health caused by electric shock

Contact with electricity can lead to an electric shock

- > Do NOT use the product if it is not working properly or the cables are damaged. Disconnect the power supply immediately. Contact help@duravit.com.
- > Always disconnect the mains voltage BEFORE removing the actuator plate and also when changing the battery.

NOTE

Product damage and/or property damage caused by improper use

Improper use can cause damage to the product, accidents and malfunctions.

- > Do NOT install the actuator plate where there is a danger of frost. The room temperature should not drop below 4 °C.
- > Do NOT expose the actuator plate to direct water or sunlight.
- > Do NOT use accessories that are not recommended by Duravit.
- > Make sure that the glass of the actuator plate is not fogged up or wet.
- > Never use abrasive, aggressive or chemical cleaners.
- > Do NOT place any objects with the detection range of the actuator plate.
- > Use only the suction cups supplied to remove the actuator plate.

Product and/or property damage caused by non-professional repair attempts

Non-professional repair attempts can cause damage to the product, accidents and malfunctions.

- > Do NOT make ANY changes, tamper with, add installations or make repair attempts to the actuator plate in the event of damage or defects.
- > Repairs may only be carried out by qualified electricians or engineers.

Information on the use of batteries

Batteries are located in the remote control and in the actuator plate itself for the emergency power supply.

DANGER

Risk of fatal injury if swallowed

Batteries can be life-threatening if swallowed.

- > Keep batteries out of the reach of small children.
- > If a battery has been swallowed, call for medical assistance immediately.

WARNING

Damage to health caused by leaking battery acid

Leaking battery acid can cause injuries.

- > Avoid contact with the skin, eyes and mucous membranes if battery leakage has occurred.
- > In case of contact with the acid, flush the affected areas with large amounts of clean water and consult a doctor immediately.

NOTE

Product and/or property damage

Improper use can cause damage to the product and/or property damage.

- > Batteries may not be recharged, reactivated by other means, dismantled, thrown into a fire or short-circuited.
- > Always remove empty batteries from the remote control immediately. They may leak and cause damage.
- > Clean the battery and contacts before inserting the battery. Pay attention to the correct polarity.
- > Remove the batteries if you do not use the remote control for an extended period.
- > Do NOT expose the batteries to extreme conditions: Do not place them on hot surfaces and do not expose them to direct sunlight. Otherwise there is a risk of leakage.
- > Always insert suitable batteries (see 12.3 Battery). Inserting the wrong batteries can lead to hazardous situations.

4. Start-up

The actuator plate is ready for operation if it has been correctly installed and connected to the power supply. The control buttons for the basic functions start to light up automatically when they get close to the toilet. Settings can be made via the remote control.

i You can adapt the presence detection to the spatial conditions in your bathroom (see 6.4 Setting the presence detection).

5. Basics of touch-free operation

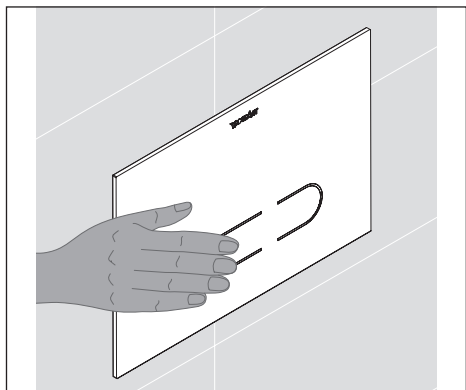
The actuator plate A2 is a sensor-controlled actuator plate. The operation of the basic functions is carried out directly via the actuator plate A2 (see 1.1 Actuator plate A2). Further settings can be made with the remote control that is supplied (see 1.2 Remote control).

The flushing functions and, if necessary, the odour extraction are triggered when you hold your hand in front of the appropriate controls. The trigger range starts approx. 1 cm in front of the actuator plate. It is possible, but not necessary, to touch the actuator plate to trigger the functions.

6. Operation

The operation of the basic functions is carried out directly via the actuator plate. Setting can be made via the remote control.

6.1 Flush

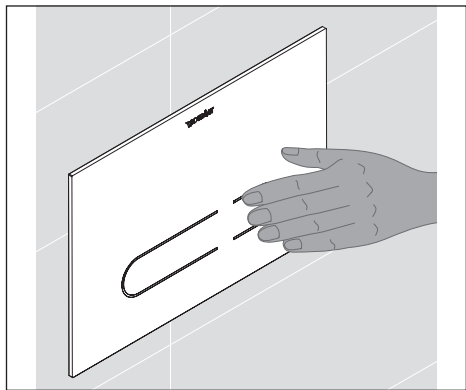


Triggering a long flush

The toilet ceramic is flushed with a large amount of water when you trigger a long flush.

- > Hold your hand in front of the long button on the left.

The long flush is triggered.

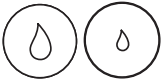


Triggering a short flush

The toilet ceramic is flushed with a small amount of water when you trigger a short flush.

- > Hold your hand in front of the short button on the right.

The short flush is triggered.



Setting the flush volume

You can adjust the flush volume on the toilet ceramic to achieve the optimum flushing of the ceramic (increase the flush volume) or to prevent overspraying (reduce the flush volume). You can make these settings for the large and short flush (see table 1: Setting the flush volume).

> Press the “Long flush volume” or “Short flush volume” preselection button on your remote control.

The right status LED on the control panel lights up blue. You now have 4 seconds to change the flush volume step by step.

> Press the “Plus” setting button if you want to increase the flush volume.

> Press the “Minus” setting button if you want to decrease the flush volume.

The right status LED flashes blue each time you press the button. The flush volume is increased/decreased by the corresponding steps.

	Factory setting	Setting range
Long flush	Approx. 6 l	Approx. 4 l, 5 l, 6 l, 7 l
Short flush	Approx. 3 l	Approx. 3 l, 3,5 l, 4 l

Table 1: Setting the flush volume



Activating/deactivating automatic flushing

The automatic flushing is always triggered when a user - i.e. a small child - does not automatically flush the toilet themselves within 20 seconds of leaving it.

You can activate this function and also deactivate it again via your remote control (see table 2: Automatic flushing).

> Press the “Automatic flushing” preselection button on your remote control.

The left status LED on the control panel lights up blue. You now have 4 seconds to activate (deactivate) the automatic flushing.

> Press the “ON” (“OFF”) setting button.

The right status LED flashes. The automatic flushing is activated (deactivated).

	Factory setting	Setting range
Automatic flushing	Deactivated	On/Off

Table 2: Automatic flushing

Emptying the cistern

The cistern can be emptied if necessary.

- > Press the long flush repeatedly until the cistern is completely empty.



Activating/deactivating the hygiene flush

The automatic hygiene flush triggers flushes at regular intervals to avoid stagnant water in the pipe system. You can activate this function and also deactivate it again via your remote control (see table 3: Setting the hygiene flush).

- > Press the "Hygiene flush" preselection button on your remote control.

The left status LED on the control panel lights up blue. You now have 4 seconds to activate (deactivate) the hygiene flush.

- > Press the "ON" ("OFF") setting button.

The right status LED flashes. The hygiene flush is activated (deactivated).

i The starting time for the hygiene flush is set the first time you activate it and a hygiene flush occurs. For example, if you activated the hygiene flush at 6:00 pm, it will always subsequently be triggered at 6:00 pm. The starting time can then be moved in 4-hour increments (see "Setting the hygiene flush" section). A general unit reset must be carried out to completely reset the starting time (see "Reset" section).



Setting the hygiene flush

With the hygiene flush, you can set the time of the flush, the number of flushes and the duration between the intervals (see table 3: Setting the hygiene flush).

- > Press the "Starting time delay", "Number of flush packages" or the "Interval time" preselection button on your remote control

The left status LED on the control panel lights up blue. You now have 4 seconds to change the settings step by step.

- > Press the "Plus" setting button if you want to increase the settings.
- > Press the "Minus" setting button if you want to decrease the settings.

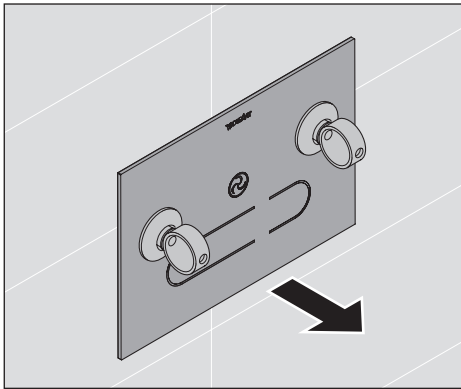
The right status LED flashes blue each time you press the button. The settings are increased/decreased by the corresponding steps.

	Factory setting	Setting range
Hygiene flush	Deactivated	On/Off
Number of flushes	1	1 to 10
Interval time	72 h	24 h, 48 h, 72 h...up to 240 h
Starting time delay	0	0, 1, 2, 3, 4, 5 (in 4 h steps)

Table 3: Setting the hygiene flush

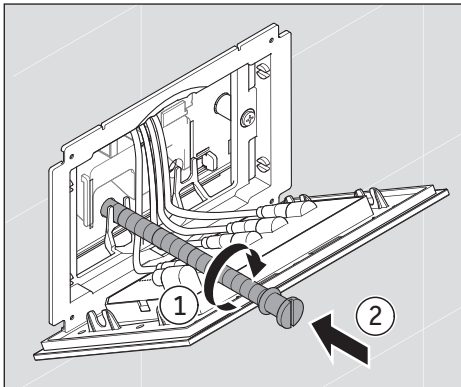
Manual triggering

The toilet flush can be triggered manually in case of an emergency, a battery failure or a defect on the actuator plate.



Removing the actuator plate

- > Remove the actuator plate with the suction cups supplied.



Triggering a flush

- > Turn the enclosed threaded rod (service accessories kit) in the opening of the plate.

6.2 Other settings

Switching on the cleaning function

You can lock the buttons on the actuator plate for 2 minutes to prevent a flush and the odour extraction being triggered during cleaning.

> Press the "Short flush" and "long flush" buttons simultaneously for three seconds. The button lighting fades out. The buttons on the actuator plate are locked. The buttons appear again at the end of the 2 minutes. The actuator plate is fully functional.



Deactivating/activating the night light

The night light is switched on or switched off automatically depending on the ambient brightness. You can activate this function and also deactivate it again via your remote control.

> Press the "Night light" preselection button on your remote control.

The left status LED on the control panel lights up blue. You now have 4 seconds to deactivate (activate) the night light.

> Press the "OFF" ("ON") setting button.

The right status LED flashes. The night light is deactivated (activated).

	Factory setting	Setting range
Night light	active	On/Off

Table 5: Night light



Activating/deactivating the child safety lock

If the flushing buttons on the actuator plate are triggered more than five times within 2 minutes, the buttons are automatically hidden. The actuator plate is locked. The buttons appear again at the end of the 2 minutes. The actuator plate is fully functional. You can activate the child safety lock and also deactivate it again via your remote control (see table 6).

> Press the "Child safety lock" preselection button on your remote control

The left status LED on the control panel lights up blue. You now have 4 seconds to activate (deactivate) the child safety lock.

> Press the "ON" ("OFF") setting button.

The right status LED flashes. The child safety lock is activated (deactivated).

	Factory setting	Setting range
Child safety lock	Deactivated	On/Off

Table 6: Child safety lock



Reset

You can reset all settings to the factory settings and restart the software with the reset function.

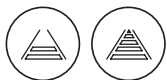
- > Press the “Reset” button on your remote control for 10 seconds.
The settings are reset to the factory settings.

6.3 Setting the presence detection

Presence is detected via an electronic sensor that controls the automatic activation of the actuator plate when someone approaches the toilet. For example, if you have a very small or very large bathroom, you can adjust the automatic presence detection to the spatial conditions.

The actuator plate A2 differentiates between normal mode, which can be adjusted for the close and long-distance range and a special mode for small bathrooms, which can only be adjusted for the close range. The setting of the intermediate range is done automatically (see 1.3 Presence detection).

i To find out how the different ranges are set, press the “Long-distance range” button or the “Close range” button on your remote control until the status LEDs begin to light up. Now the status LEDs on the actuator plate show you the range that you are currently in: red for the close range, yellow for the intermediate range and turquoise for the long-distance range. When you move towards or away from the actuator plate you can see at a glance on the LEDs where the boundaries are between the ranges.



Adjusting the normal mode

You can adjust the presence detection to the conditions in your bathroom via the remote control (see table 7).

- > Press the “Long-distance range” or “Close range” preselection button on your remote control.

The left status LED on the control panel lights up. You now have 4 seconds to change the setting step by step.

- > Press the “Plus” setting button if you want to increase the setting.
- > Press the “Minus” setting button if you want to decrease the setting.

The right status LED lights up blue each time you press the button. The setting is increased/decreased by the corresponding steps.

	Factory setting	Setting range
Close range	Approx. 50 cm	Approx. 20 – 60 cm (8 steps)
Long-distance range	Approx. 100 cm	Approx. 60 – 100 cm (14 steps)

Table 7: Presence detection in normal mode



Activating and adjusting the special mode for small bathrooms

You can change the normal mode to special mode if you have a very small bathroom. Only the close range can be adjusted in special mode; the sensor for the long-distance range is deactivated.

- > Press the “Long-distance range” preselection button on your remote control.

The left status LED on the control panel lights up. You now have 4 seconds to change the setting.

- > Press the “Long-distance range” preselection button for five seconds.

The status LEDs on the actuator plate flash red three times. The special mode is active.

You can adjust the close range to the conditions in your bathroom in special mode (see table 8)

- > Press the “Close range” preselection button on your remote control.

The left status LED on the control panel lights up. You now have 4 seconds to change the setting step by step.

- > Press the “Plus” setting button if you want to increase the setting.
- > Press the “Minus” setting button if you want to decrease the setting.

The right status LED flashes blue each time you press the button. The setting is increased/decreased by the corresponding steps.

i You must set the close range so that a person standing in front of the ceramic is detected in special mode for small bathrooms (see 1.3 Presence detection). Make sure that objects, doors or walls are not detected: the yellow status LED must go out when you move away from the ceramic.

	Factory setting	Setting range
Close range	Approx. 50 cm	Approx. 20 – 60 cm (8 steps)

Table 8: Presence detection in special mode

7. Emergency power supply

The emergency power supply is activated in the event of a failure of the main power supply. Various functions are automatically deactivated in this respect to reduce the required power. The following stay active:

- Long flush and short flush (the buttons stay lit up orange in emergency power supply mode).

All other functions are deactivated.

8. Battery replacement

The actuator plate A2 can be used for a short time in battery mode, for example in the event of a power failure. The backup battery should be replaced after approx. 1.5 years or after longer power outages.

9. Cleaning and care

NOTE

- > Never use abrasive, aggressive or chemical cleaners.


Cleaning

- > Clean the surface with a soft damp cloth.
- > Remove heavier soiling with warm water and a mild, colourless glass cleaner that you spray onto the cloth.
- > Then wipe with a damp cloth to remove all traces of the cleaning agent.
- > Dry the surface.

10. Disposal

10.1 Electrical and electronic equipment



Waste electrical and electronic equipment can contain hazardous substances. Do not dispose of this unit in the residual waste. The actuator plate must be  disposed of in an orderly, environmentally-friendly manner according to the standard regulations that apply in your local area. Take it to a special collection point for recycling waste electrical and electronic equipment (WEEE). This way you help to preserve natural resources and protect the environment. Contact your distributor or your responsible authorities for advice.

10.2 Batteries

Used batteries must be disposed of properly. For this purpose, appropriately labelled containers for disposal of batteries are provided in shops where batteries are sold and at community collection points.

10.3 Packaging material

Children must not be allowed to play with plastic bags or packaging material as this poses a risk of injury or asphyxiation. Store these types of materials in a safe place or dispose of them in an environmentally-friendly manner. If possible, keep the packaging until the warranty period expires.

11. Troubleshooting support

NOTE

> Repairs may only be carried out by qualified electricians or engineers.

Problem	Potential cause	Solution
LED displays		
Status LED lights up orange	Unit is in battery mode (flushing functions are possible)	
Status LED flashes orange 3 times	Confirmation message: battery connection	

Problem	Potential cause	Solution
General function		
Actuator plate does not work	Power supply has been interrupted	> Restore the power supply.
Button lighting does not work	Cleaning function is activated	> Buttons appear again automatically after 2 min.
	Child safety lock is activated	> Buttons appear again automatically after 2 min.
	Malfunction	> Contact help@duravit.com.
Button lighting lights up continuously	Obstacle within the detection range, e.g. furniture	> Remove the obstacle.
	Presence detection is incorrectly set	> Switch to presence detection in special mode (for small rooms).
	Malfunction	> Contact help@duravit.com.
Flushing functions		
Water runs continuously into the ceramic	Software malfunction	> Disconnect the power supply for 10 sec. > Restore the power supply.
	Malfunction in the motor mechanism	> Contact help@duravit.com.
Insufficient flushing of the ceramic	Flush volumes are incorrectly set	> Increase the flush volume.
	Malfunction in the motor mechanism	> Contact help@duravit.com.
Hygiene flush		
Hygiene flush does not work	Actuator plate has been used since the last hygiene flush	> Hygiene flush will occur at the end of the next interval.
	Hygiene flush is deactivated	> Activate the hygiene flush.
Hygiene flush occurs too often or too seldom	Number of flushes is incorrectly set	> Adjust the number of flush packages.
Hygiene flush occurs at an inappropriate time	The starting time is incorrectly set	> Adjust the starting time.
Night light function		
Night light does not light up	Night light is deactivated	> Activate the night light.
	Ambient light is too bright	

Problem	Potential cause	Solution
Night light lights up continuously	Ambient light is too low	> Deactivate the night light.
	Actuator plate is dirty or wet	> Clean or dry the actuator plate.

12. Technical data

Item number #WD 5003

12.1 Identification plate

The identification plate is on the back of the actuator plate A2. This product conforms to all the appropriate EU guidelines.

12.2 Actuator plate A2

Rated voltage 24 V DC SELV

Nom. power consumption 10 W

Temperature range

Operating temperature 0 – 55 °C

Protection class III

Protection rating IP X4, protection against spray water on all sides

12.3 Battery

Remote control Button cell CR2025

Motor mechanism 6 V DL223/EL223/CRP2

Warranty Our warranty terms can be found in our General Terms and Conditions (GTC) at www.pro.duravit.com