

SONUS S

User manual



Other documents available for this product

Technical information for SONUS S acoustic pods

Troubleshooting manual for SONUS S acoustic pods

Technical guide for SONUS S acoustic pods

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Safety

Read and understand the user instructions before using the product.

- The pod is intended to be used indoors only where the humidity level is lower than 60%, the ambient temperature is from +15oC to 30oC, and there is good air quality surrounding the product.
- Do not lean against the product's walls.
- Connect the power cord to a properly grounded outlet only.
- Avoid the glass parts coming into contact with other hard objects, such as metal, ceramics, or other glass.
- Always disconnect the pod from the power outlet before performing any maintenance.
- Do not cover the fan grills on the roof when the pod is powered on.
- Do not connect any extension cords to the power outlets of the product.
- Do not smoke in the pod.
- Do not connect any devices with high power consumption, such as vacuum cleaners, heaters, kettles, etc., to the power outlets of the product.
- Do not attach or hang any weight on the door.
- Do not place objects heavier than 5 kg on the ceiling of the pod.

Usage restrictions

Turn off the control box's power switch before installing devices such as monitors or TVs.

25^{kg}

Maximum load for
the SONUS S table

Moving the pod on castors (optional)

The pod is very heavy. Moving the product on the castors requires planning and care. Make sure the product cannot tip over while moving.

Move the pod on even surfaces only: there should be no cracks or thresholds over 3mm (1/8 in) on the intended route.

When moving the pod, only push below the vertical middle. Do not tow the pod.

The pod must only be moved on wheels.

Return the full weight of the pod onto the leveling feet immediately after relocation.

SONUS S layout

Control box

The control box is located behind the opening lid of the ceiling. Input for the electrical system: 100-240 VAC, 50-60Hz. The power ON/OFF switch is on the top left side. Every electric device is powered by this controller. Power consumption: max. 110W, standby 4,5W.

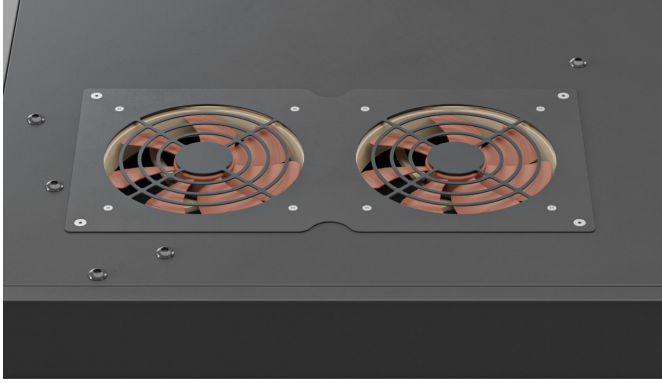


The control box gets a signal from the PIR sensor when a user walks in and the LED with ventilation is automatically turned on according to system configuration. Default settings (picture below) can be adjusted via a LAN cable (see configuration instruction).



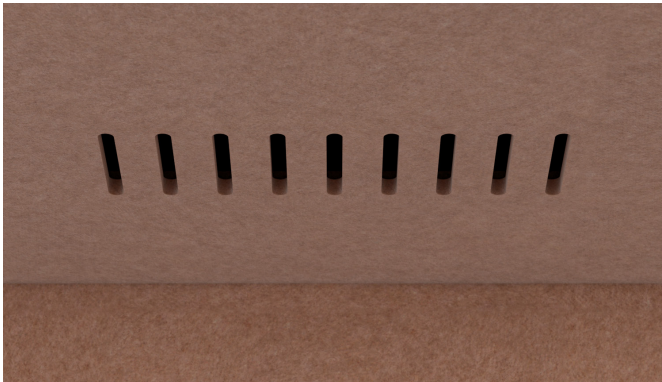
PIR sensor

The PIR sensor is a (Ø10 mm) black dot in the middle of the ceiling. This sensor tracks user movements and informs the control box of user presence in the pod.

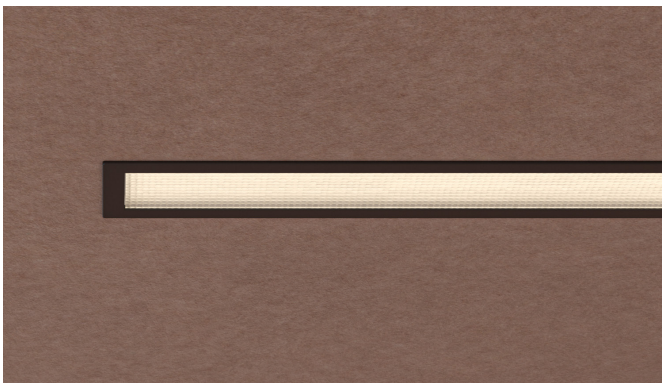


Ventilation

Fan grills are located on the top of the ceiling.



Air flows into the pod through ducts in the ceiling. The slot for natural air circulation is at the top of the sidewall.



Lighting

The angle of lighting can't be adjusted according to user needs.



Dimming knobs

Adjust the fan and light intensity by turning the dimming knobs to the right (more intensity) or the left (less intensity). The LED ring light around the knob indicates the level of intensity.

Individual setting adjustments according to user needs can be made by connecting to the control box with a laptop.


Individual settings adjustment

Individual setting adjustments can be made easily. A laptop, a LAN port, and a LAN (RJ45) cable are required to change the settings.

How to connect:

- 01** Make sure you use automatic IP settings (DHCP).
- 02** Make sure the control box is switched ON.
- 03** Connect your laptop to the control box via a LAN (RJ45) cable.
- 04** Enter 192.168.0.10 in your browser address, press enter, and shortly after that, you should see the configuration website.

Configuration website guide



SILENT ROOM CONFIG

Operation modes

System timers

Active alarms

SYSTEM

Firmware

SILENT ROOM CONFIG: operation modes*

CURRENT CONTROL VALUES	
Current LED brightness level	a <input style="width: 100%;" type="text" value="50 %"/>
Current FAN ventilation level	b <input style="width: 100%;" type="text" value="50 %"/>
STARTUP MODE	
LED brightness level	c <input style="width: 100%;" type="text" value="50 %"/>
FAN ventilation level	d <input style="width: 100%;" type="text" value="50 %"/>
LED dimming range (min -max)	e <input style="width: 50%;" type="text" value="0 %"/> <input style="width: 50%;" type="text" value="100 %"/>
FAN dimming range (min -max)	f <input style="width: 50%;" type="text" value="0 %"/> <input style="width: 50%;" type="text" value="100 %"/>
Dimming sensitivity (180°-1080°)	g <input style="width: 100%;" type="text" value="540 °"/>
REFRESH MODE	
LED brightness level	h <input style="width: 100%;" type="text" value="1 %"/>
FAN ventilation level	i <input style="width: 100%;" type="text" value="100 %"/>
Mode start time	j <input style="width: 100%;" type="text" value="300 s"/>
Mode duration time	k <input style="width: 100%;" type="text" value="180 s"/>
STANDBY MODE	
LED brightness level	l <input style="width: 100%;" type="text" value="1 %"/>
FAN ventilation level	m <input style="width: 100%;" type="text" value="0 %"/>
Mode duration time	n <input style="width: 100%;" type="text" value="600 s"/>

Cancel changes

Reset config

Save settings

Current control values

Current control values – nonadjustable values that display the current intensity setting for LED brightness and fan intensity. Used to determine intensity value for mode customization.

a _____
Current LED brightness level – a nonadjustable value for the current LED brightness level.

b _____
Current FAN ventilation level – a nonadjustable value for the current FAN ventilation level.

Startup mode

Startup mode – an operational mode that switches on when entering the SONUS S. This mode offers several adjustable values, which can be changed to accommodate client needs.

c _____
LED brightness level – a value that indicates the brightness level when the LED lights switch on.

d _____
FAN ventilation level – a value that indicates the ventilation level when the FANs are switched on.

e _____
LED dimming range (min-max) – indicates the control range for LED. Min range indicates the minimum level which can be reached via the control knob located on the media wall. The max range indicates the maximum level which can be set via a control knob located on the media wall. 0% corresponds to switched-off LED lights, and 100% corresponds to the maximum possible level.

f _____
FAN dimming range (min-max) – indicates the control range for the FAN. The min range indicates the minimum level which can be reached via the control knob located on the media wall. The max range indicates the maximum level which can be set via a control knob located on the media wall. 0% corresponds to switched-off ventilation fans, and 100% corresponds to the maximum possible level.

g _____
Dimming sensitivity (180°–1080°) – the value that indicates the control knob sensitivity. The lower the number, the higher the increment values; the higher the number, the lower the increment values. In layman's terms, with a sensitivity of 180°, you need to turn the knob halfway to go from the minimum level to the maximum, whereas 1080° corresponds to three full turns of the knob for the knob control to achieve the same result.

Refresh mode

Refresh mode – an operational mode that switches on after no movement is detected by the IR sensor for a set time. This mode prepares the SONUS S for the next occupant, by switching fans to maximum level and changing air several times in the SONUS S.

h _____

LED brightness level – values that indicate the brightness levels of the LED lights switched on in REFRESH mode.

i _____

FAN ventilation level – values that indicate the ventilation levels of the FANs switched on in REFRESH mode.

j _____

Mode start time – a value that indicates how long it takes for the refresh mode to start after no movement has been detected by the IR sensor. After the set time has passed LED and FAN levels are changed to the ones set in REFRESH mode.

k _____

Mode duration time – a value that indicates how long the REFRESH mode is on. Normally 180 seconds is enough time to prepare the SONUS S for the next occupant.

Standby mode

Standby mode – an operational mode that switches on after the REFRESH mode is over. In this mode, the SONUS S is ready for the next occupant. After the set time passes, the SONUS S switches off (LED and FAN).

l _____

LED brightness level – values that indicate the brightness level of the LED lights switched on in STANDBY mode.

m _____

FAN ventilation level – values that indicate the ventilation level of the FANs switched on in STANDBY mode.

n _____

Mode duration time – a value that indicates how long the STANDBY mode lasts. After the set time passes, the SONUS S switches off.

Saving custom settings

Click “Save settings” for the desired adjustments to take effect. After custom settings are saved, the LAN cable can be unplugged. Even after the control box restarts, the new settings will not change.

Resetting default settings

There are 2 options to restore factory settings:

A _____

Click “Reset config” on the configuration website.

B _____

Click the “Reset” button on the control box and hold for 2 seconds.