

SILENT ROOM

User manual



Other documents available for this product

Technical information for SILENT ROOM M, L, XL

Ordering guidelines for SILENT ROOM

User manual for SILENT ROOM

Troubleshooting manual for SILENT ROOM

Technical guide for SILENT ROOM

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Safety

! Read and understand the User manual before using the product.

- _____
The pod is designed for indoor use only, where the humidity level is lower than 60%.
- _____
Always disconnect the pod from the power outlet before performing any maintenance.
- _____
Do not connect any devices with high power consumption, such as vacuum cleaners, heaters, tea kettles, etc., to the power outlets of the product.
- _____
Do not lean against the acoustic walls.
- _____
Do not cover fan grills on the ceiling when the ventilation is working.
- _____
Do not attach any items on the doors as they do not support weight.
- _____
Connect the power cord to a properly grounded outlet only.
- _____
Do not connect any extension cords to the power outlets of the product.
- _____
Do not place objects heavier than 5 kg on the ceilings of the pod.
- _____
Avoid colliding into glass inserts with other objects made from hard materials such as metal, ceramics or glass.
- _____
Do not smoke in the pod.
- _____
Turn OFF control box power switch before installing devices such as monitor or TV.

Usage restrictions

25^{kg}

Maximum load for SILENT ROOM S table

50^{kg}

Maximum load for SILENT ROOM M, L and XL tables

110^{kg}

Maximum load for SILENT ROOM pouf with backrest

10^{kg}

Maximum load of the monitor holder

27"

Maximum recommended screen size for SILENT ROOM M

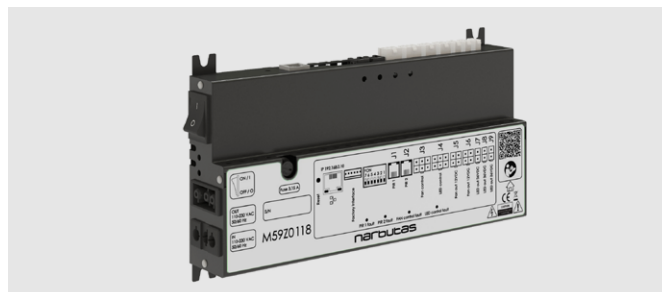
32"

Maximum recommended screen size for SILENT ROOM L and XL

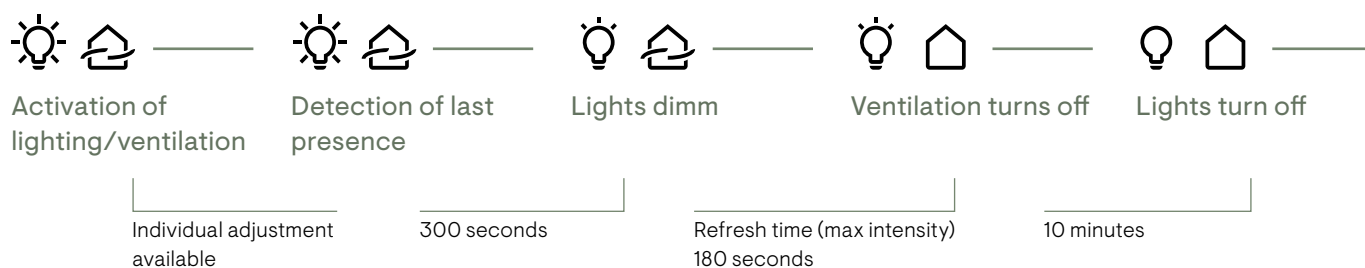
Pod layout

Control box

Control box is located behind the opening lid of internal front central wall. Input for the electrical system: 100-240 VAC, 50-60Hz. Power ON/OFF switch is on the top left side. Every electric device is powered via this controller. Power consumption – max. 229W, standby 4,5W.



Control box gets a signal from PIR sensor when a user enters and automatically turns on the LEDs with ventilation according to the system configuration. Default settings (scheme below) can be adjusted via LAN cable (see configuration instruction).



PIR sensor

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

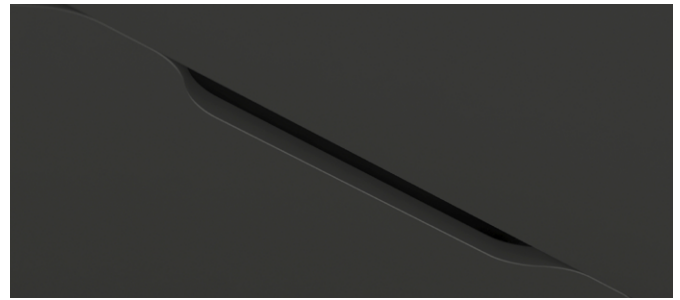


Ventilation

Fan grills are located on top of the ceiling.

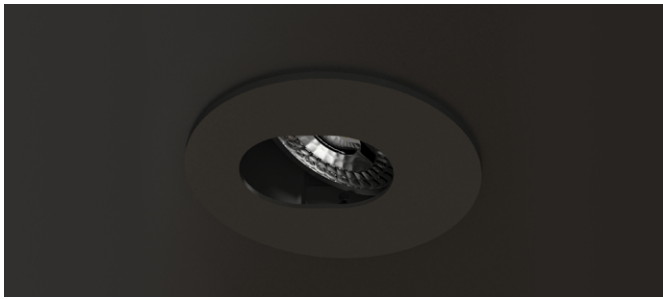


Air flows into the pod through ducts located in the bottom of the ceiling.



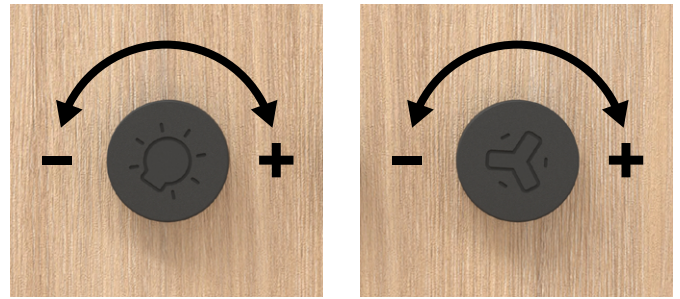
Lighting

The angle of LED modules can be adjusted according to user needs. Side lights are intended to illuminate the acoustic walls.



Dimming knobs

Adjust the fan and light intensity with dimming knobs.



Screen bracket (optional)

Bracket can be easily adjusted in 3 positions. Supported VESA standards: 75x75 mm, 100x100 mm.



There is a Ø60 mm cable grommet underneath the screen bracket for cable management.



Cable management

Communication wires can be installed in 2 ways:

A

Through a table cut out (if SILENT ROOM M/L is ordered with integrated table).



B

Through a round Ø80 mm power outlet (if ordered outlet with USB). Maximum diameter of cable – Ø8,5 mm.



Controller configuration

Adjustments to individual settings can be made easily. Laptop with OS such as Windows, Mac or Linux is required to change the settings.

How to connect

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

Website guide

The screenshot shows the Narbutas configuration website. On the left, there is a navigation menu with sections: SILENT ROOM CONFIG (containing Operation modes, System timers, and Active alarms), and SYSTEM (containing Firmware). The main content area is titled 'SILENT ROOM CONFIG: operation modes*' and is divided into four sections: CURRENT CONTROL VALUES, STARTUP MODE, REFRESH MODE, and STANDBY MODE. Each section contains several settings with corresponding input fields. On the right side, there are three buttons: 'Cancel changes' (red), 'Reset config' (red), and 'Save settings' (grey).

CURRENT CONTROL VALUES	
Current LED brightness level	a <input type="text" value="50 %"/>
Current FAN ventilation level	b <input type="text" value="50 %"/>

STARTUP MODE	
LED brightness level	c <input type="text" value="50 %"/>
FAN ventilation level	d <input type="text" value="50 %"/>
LED dimming range (min -max)	e <input type="text" value="0 %"/> <input type="text" value="100 %"/>
FAN dimming range (min -max)	f <input type="text" value="0 %"/> <input type="text" value="100 %"/>
Dimming sensitivity (180°-1080°)	g <input type="text" value="540 °"/>

REFRESH MODE	
LED brightness level	h <input type="text" value="1 %"/>
FAN ventilation level	i <input type="text" value="100 %"/>
Mode start time	j <input type="text" value="300 s"/>
Mode duration time	k <input type="text" value="180 s"/>

STANDBY MODE	
LED brightness level	l <input type="text" value="1 %"/>
FAN ventilation level	m <input type="text" value="0 %"/>
Mode duration time	n <input type="text" value="600 s"/>

*Please find the operation modes explained in the following pages.

Current control values

Current control values – nonadjustable values, which display current intensity settings for LED brightness and fan intensity. Used to determine intensity value for mode customization.

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

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

Startup mode

Startup mode – operational mode that switches on upon entering the SILENT ROOM. This mode offers several adjustable values, which can be changed in order to accommodate client needs.

c _____
LED brightness level – which describes the brightness level when LED lights switches on.

d _____
FAN ventilation level – which describes the ventilation level when FANS are switched on.

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

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

g _____
Dimming sensitivity (180° - 1080°) – value which describes control knob sensitivity. A lower value corresponds to greater increment values, a higher value corresponds to lower increment values. A sensitivity of 180° will require only half of a revolution to cover the range from min to max level, while at a sensitivity of 1080° three full revolutions will be needed to achieve the same result.

Refresh mode

Refresh mode – operation mode, that switches on after no movement is detected by PIR sensor for a set time. This mode prepares SILENT ROOM for the next occupant, by switching fans to maximum level and changing air several times in the SILENT ROOM.

h _____

LED brightness level – value which describes the brightness level LED lights are switched on in REFRESH mode.

i _____

FAN ventilation level – value which describes the level of ventilation the FANs are switched on in REFRESH mode.

j _____

Mode start time – value which describes how long it takes for refresh mode to start after no movement was detected by the PIR sensor. After set time has passed LED and FAN levels are changed to the ones set in REFRESH mode.

k _____

Mode duration time – value which describes how long REFRESH mode is on. Normally 180 s is enough time to prepare SILENT ROOM for the next occupant.

Standby mode

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

l _____

LED brightness level – value which describes the brightness level LED lights are switched on in STAND BY mode.

m _____

FAN ventilation level – value which describes the level of ventilation the FANs are switched on in STAND BY mode.

n _____

Mode duration time – value which describes how long STAND BY mode lasts. After set time passes SILENT ROOM switches off.

Saving custom settings

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

Resetting default settings

There are 2 options to restore factory settings:

A _____

Click “Reset config” in configuration website.

B _____

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