narbutas

SILENT ROOM

User manual

narbutas.com

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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For more information, please refer to SILENT ROOM Technical guide: **instructions.narbutas.com/Silent_room_technical_guide.pdf →**

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

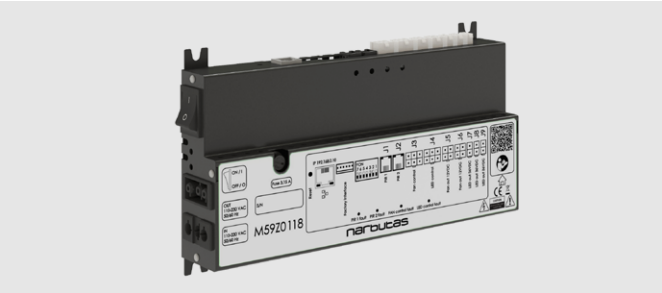
32”

Maximum recommended screen size for SILENT ROOM L and XL

Pod layout

Control box

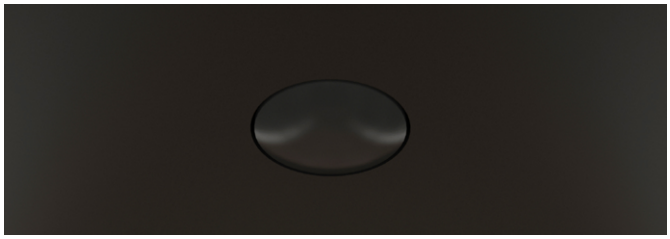
Control box is located behind the opening lid of internal front central wall. Input for the electrical system: 100-240 VAC, 50-60Hz. Power ON/OFF switch is on the top left side. Every electric device is powered via this controller. Power consumption – max. 229W, standby 4,5W.



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

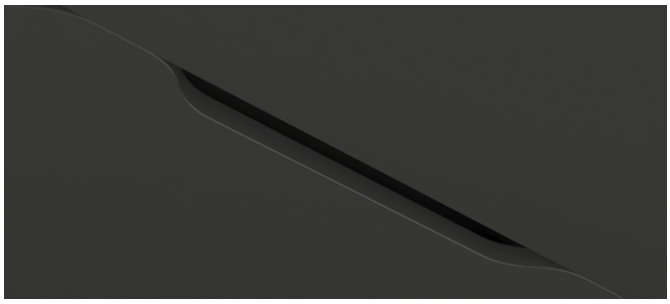
The PIR sensor is a tiny (Ø10 mm) black dot, located in the middle of the ceiling. This device tracks user movements and informs control box regarding user presence in the pod.



Ventilation

Fan grills are located on top of the ceiling.

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

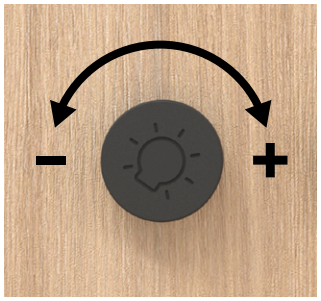


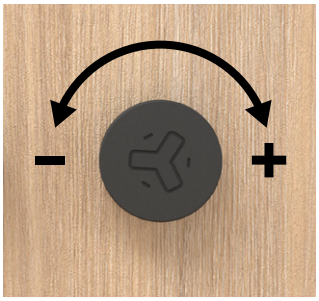
Lighting

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

Dimming knobs

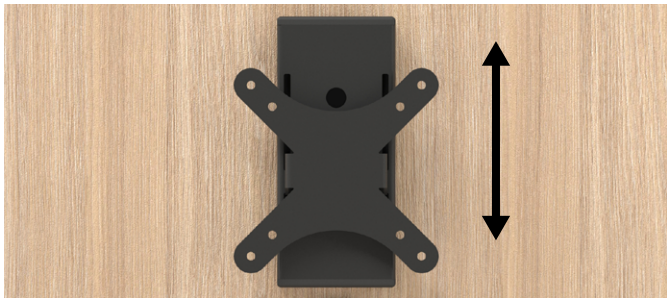
Adjust the fan and light intensity with dimming knobs.





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.

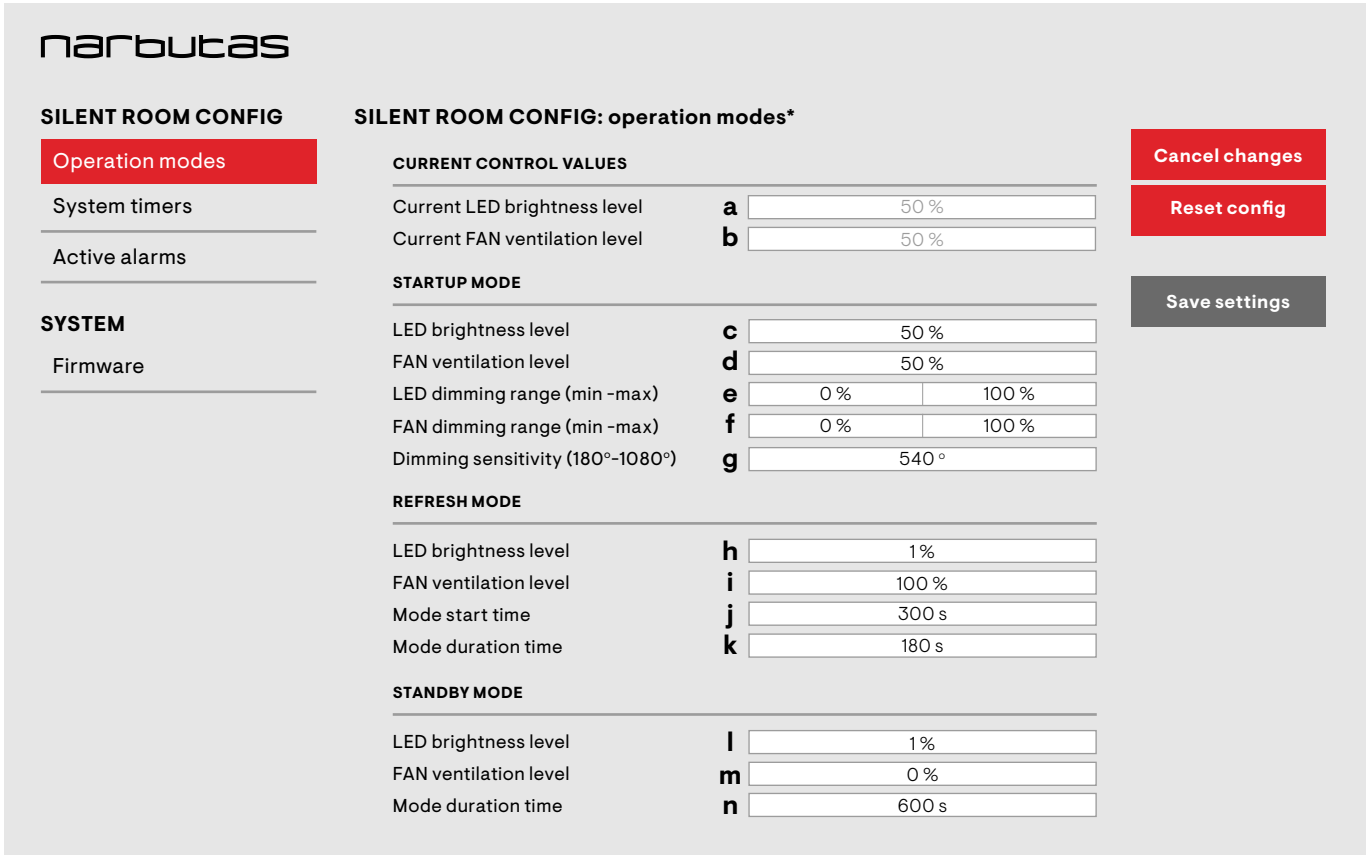
03

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



*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.

Reseting 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.