

# VicBooth Ultra

by **V//COUSTIC**



## Frequently Asked Questions

### 1. What is VicBooth Ultra?

VicBooth Ultra is a Modular Professional Production Environment specially developed for demanding Audio Productions that, nowadays, can easily change, and therefore need to have a versatile solution to allow different setups and uses according to your needs.

### 2. How can VicBooth Ultra accommodate different uses?

Being a modular solution, VicBooth Ultra gives people the possibility to fine tune their Audio Production by:

- / Expand it or contract it;
- / Choose the type of walls, i.e. with or without windows;
- / Choose the quantity of doors you need;
- / Choose the sort of acoustic treatment according to the type of Professional Production Environment.

So, if today you need a vocal booth to record vocals, and tomorrow you need a booth to practice an instrument, a control room to mix and master, a gaming room, a hi-fi room or even a translation booth with more space, you can simply adjust your VicBooth accordingly.

### 3. What differentiates VicBooth Ultra from other sound insulation booths?

VicBooth Ultra versatility is definitely one of the main things that differentiate it from other sound insulation booths. VicBooth Ultra can be adjusted to your needs while most other booths available in the market just suit a particular purpose and when they need to accommodate different uses you normally need to acquire a different booth.

By being a Vicoustic solution, it also means that it has all Vicoustic DNA into it. Therefore, you can expect a booth with great acoustic performance, design and that has sustainability in its essence - The acoustic solutions used in a standard single booth come from the recycling of 1044 plastic bottles of 50 cl.

### 4. What is VicBooth Ultra's sound insulation performance?

VicBooth Ultra has a NIC\* value of 30 dB.

\*Noise Isolation Class Value calculated according to ASTM E413 in measurements taken according to ASTM E595.

### 5. Why do you only classify VicBooth Ultra according to an ASTM standard and not to an ISO Standard?

Currently there is no ISO standard to measure the sound insulation of booths, therefore we used the ASTM to characterize the performance of VicBooth Ultra.

However we can say that ASTM NIC value is similar to ISO Dw value.

## 6. How good is 30 dB sound insulation performance?

If you produce, for e.g., 50-60 dB in a translation booth, outside VicBooth you will have 20-30 dB, i.e. it will be almost inaudible.

In a Vocal Booth where levels are likely to achieve 60-70 dBA, outside VicBooth Ultra you will have roughly 30-40 dBA, i.e. barely audible (40 dBA is what you will normally find in a quiet residential set)

For a Control Room / Recording Room / Music Practice Room, where sometimes you will achieve levels of 80-90 dBA, it is likely that outside VicBooth Ultra you will have 50-60 dB, i.e. you will have levels of the same magnitude of a conversation speech.

## 7. How is VicBooth Ultra internal acoustic conditions and why do we have Acoustic Kits?

The VicBooth Ultra standard version comes with sound absorbing walls and ceiling, in order to control specular reflections, flutter echoes and to avoid excessive reverberation within the booth. This standard version will be sufficient for most situations.

However, for some applications, you may need to fine-tune the booth's internal acoustic conditions. Therefore, there are walls with fittings that make them compatible with the VicFix System available in the VicBooth Ultra acoustic kits.

## 8. How is electric equipment powered inside the booth?

Each single unit has a cable passage with  $\varnothing$  70 mm /  $\varnothing$  2.8" in the floor that can be used to power VicBooth. So, while a 1x1 booth will have 1 cable passage, a 2x2 booth will have 4 cable passages. This is normally sufficient to power all necessary equipment and lights.

It should be noted that this cable passage is designed to control any noise leakage it may happen in such passages.

## 9. Does VicBooth Ultra comes already with its own lighting system?

There is a cable passage system that can be used to include whatever lighting system you may need and even change it according to your needs.

Since each Production Environment will have their own lighting demands, we decided to maintain the versatility of VicBooth and not to include its own lighting system in it.

## 10. How is VicBooth ventilated?

VicBooth Ultra comes already with its own Natural Ventilation scheme ensuring air circulation within the booth in a passive way.

There are air passages in the booth's floor and ceiling and air circulates within VicBooth Ultra by using the users' body heat to bring new air from the outside through the floor and push old air outside through the ceiling.

## 11. Can I include a Mechanical Ventilator in VicBooth?

If necessary, VicBooth Ultra can include an optional mechanical ventilation system. This is made available as an accessory and can be attached to the ceiling, ensuring total air renovation of a single unit in less than 2 minutes.

In terms of noise generated by the ventilation system, it is designed in such a way that ensures a very low noise within the booth of NR 21 - complying with the stringent values given by best practice guidelines for Professional Control Rooms.



## **12. How is VicBooth Ultra mechanical ventilation system powered?**

VicBooth Ultra mechanical ventilation system comes with its own cable and plug that can be connected directly to any standard building's socket.

Ventilation system cable runs outside the booth, from the ceiling to the building's socket.

## **13. Which type of electrical grid is VicBooth mechanical ventilation system compatible with?**

There are versions compatible with European and UK grids. Soon we will also have a version for the US.

## **14. Can I install the mechanical ventilation system easily and any time?**

VicBooth's mechanical ventilation system is easy to install and it can be installed any time, even afterward the booth assemblage.

## **15. Is it possible to Air Condition VicBooth?**

By including VicBooth Ultra in an Air Conditioned room you will be able to push the cooled or heated air into the booth. If air conditioning VicBooth Ultra is an important factor for you, the installation of VicBooth Ultra ventilation system is recommended.

## **16. How easy is to assemble VicBooth?**

The way VicBooth Ultra is built assures that installation is easy.

Due to the weight of some of their components, a minimum of 2 people is recommended for the assemblage of the booth.

You can check assemble instructions here: [vicbooth.vicoustic.com](https://vicbooth.vicoustic.com)

