



PRODUCT KNOWLEDGE

Vocal Booths

Part 3

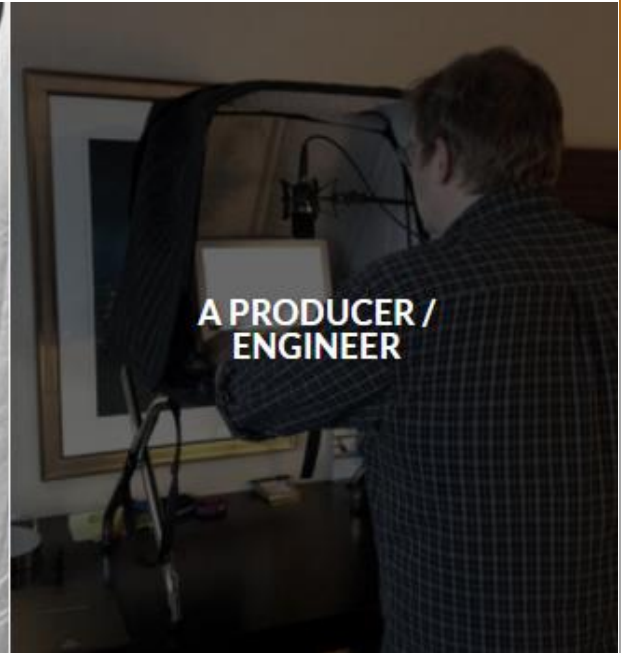
WHICH TYPE OF BOOTH DO I NEED?



**A VOICE ACTOR /
PODCASTER**



**A MUSICIAN /
SINGER**



**A PRODUCER /
ENGINEER**

There are many types of vocal booths and sound booths to choose from. Not sure which one would work for you best? The following guide will help you to make the right choice.

I need to be able to record voice over and vocals, and

I am

- often on the road and have to deliver consistent sound no matter where I am;
- a travel blogger, I do not stay long in one place and cannot carry around much;
- a reporter and have to be able to set up quickly and record on a moment notice;
- just starting up and cannot spend too much, but still have to have the best acoustic environment so I can satisfy my producer's demand for quality;

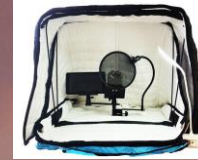
I want

- to be able to set up my equipment and record at home;
- to be able to have a booth in my vacation home or on a long trips where I stay for a few days in one place;
- to save time and money on building a vocal booth, but want to have a walk in place to record voice over or music;
- to be able to easily put away my recording studio if I have guests in the house and I need more space;

I need

- to block out external noise and have great acoustics for recording;
- to be able to practice my music, my singing, my instruments without disturbing the neighbors;
- to find a cost efficient sound isolation booth, that would provide good sound blocking, great acoustics yet be still able to disassemble and move to a new location by myself if I have to.

Your solution is



VOMO



AVB
Acoustical Vocal
Booth



SPB
SoundProofer
Vocal Booth



V
O
M
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Portable Vocal booth – VOMO - provides high level of portability and consistent acoustic environment anywhere.

It comes with essential accessories to make your recording on the road easy. Best solution for travelling voice actor or a beginner on a limited budget.

Main Features:

Great acoustics, not "boomy" not "boxy".
Works with any microphone
Includes Surround sound Isolation Hood to block reflections from all sides.

Acoustical Vocal booths – AVB series.
Great home or office walk in vocal booth that provides reflection free environment. Provided that your space is quiet this is the most efficient and cost effective way to create a walk in recording booth. With great acoustics.

Main Features:

Lightweight expandable frame;
Sound absorption panels with window
Noiseless LED light is included.
The expandable frame does not have any loose parts and can be easily set up and folded away
Various sizes available.

A
V
B



S
P
B



Soundproofing sound Booths – SPB series
Is an ultimate solution for blocking out external sound and creating great acoustically treated space all in one. These are very heavy and require assembly, but they are still mobile and can be transported with more ease, than the hard shell vocal booths.

Main Features:

Soundproofing panels blocking about 30 dB of noise;
Sound absorption blankets to create acoustically treated space inside the booth;
Lightweight frame that can be disassembled for easy transport.
Available in single wall and enhanced double wall options



WHY VOMO?



Because it allows you to produce consistently great sounding recordings anywhere you go!

VOMO is portable VoiceOver MOBILE recording studio with superior acoustic quality.

Designed for professional Voice over artists who like or have to travel and want to be productive on a moment notice anywhere

VOMO Provides all around acoustic treatment.

The Sound Isolation Hood covers the voice actor all around, blocking sound reflections coming from behind you. It will not sit on your head, because supported by a specially designed rods.

The material used for constructing VOMO is very efficient sound absorber.



VOMO has largest internal working space compare to any other portable vocal booths. It is compatible with ANY microphone. It can also accommodate a laptop, script, light and everything your need for comfortable recording.

DIMENSIONS:

- *when it is closed is 24 x 24 x 5 1/2 inches. It is like a briefcase, when it is close, it is ready for travel. The thickness includes the hood which is inserted inside the case.*
- *When VOMO is open, the size is 24 x 24 x 22 inches. Hood adds about another 16 inches wide and long*
- *The weight is 17lbs including the hood which is 3lbs.*

ACOUSTIC VOCAL BOOTH - AVB

Please watch the NEW Video on...

How to assemble Mobile Acoustic Vocal Booth. Easy set up instructions for AVB3



The Acoustic Vocal Booth or ACCU-booth (referring to accurate sound recording). Is a great mobile walk in vocal booth for home audio recording, additional recording space in a professional studio or office.

Specification: There are 2 major components in the AVB series:

First is the expandable aluminum frame for support.

Second is the acoustic treatment (blankets). The roof or top part is stitched together, sides have velcro straps to connect to each other. Zipper on the front for the door. Walls have velcro strips on specific location to match the frames. Assembly Principle is the same. Number of covers may be different.

All the booths come in Black outside and White inside but we will have the all black option. Customers can select black or white option.

The LED light that comes with the booth does not have special attachment fixtures. We supply the bracket included but with regards to the application, people can do it like how Mike did and how Jeff did it on the video. Just put it in the frame. No need to attached it.

The frames will come in 1 bag and the Blankets will come in another bag. The light will come in the cardboard tube.

Efficiency: The booth is designed to acoustically treat the room. Not to be Sound proof but designed to cancel reflection and reverb. No official lab test were done but as we did our own test and it blocks up to 10 db of sound.

The blankets have NRC rating of 0.80 or 80%. But for the booth with 5 surrounding blankets including the top cover, it can guarantee a 100% NRC rating. It means it can remove the echo from your recording space.

It will not block the sound coming from the outside but it will damped the noise up to 10db.

Sizes: we have 5 different sizes. AVB 3x3 foot, 4x4 foot, 5x5 foot, 6x3 foot and 6x6 foot. The AVB5 is a little different from all the other frames as it has a black aluminum color and the legs are longer in length. Once we sell out all the AVB5, we might discontinue it.

SOUNDPROOFING VOCAL BOOTH - SPB

SPB is a complicated product. It is important to know that this booth is designed to Block the Sound. Following the principles of sound proofing to create Mass - you must use heavy materials, Airtightness - cover the whole enclosure airtight, Isolation - separate from surrounding structure.

SPB series are very very heavy. The weight of each is shown on the description of the products. Each panel is approximately 40 lbs each. Soundproofing walls are made out of specially constructed multilayered soundproof panels containing Limp Mass Membrane.

In comparison to AVB, the SPB has 2 elements. Outer soundproof panels that can block the sound with STC 33 rating and Acoustical layer on the inside. The enhanced SPB double wall has an additional soundproofing layer with STC 40 rating.

Outer sound proof panels can reduce 32 db mid range up to 45 db at high frequency sound. The Enhanced SPB can reduce the sound by a whopping 38 dB at midrange and even more, up to 51 dB, at higher frequencies.

How to install properly? First step is to build the frame then put the frame on the Floor Mats. Next, install the acoustic blankets before the outer soundproofing blankets. We recommend to start with the door panel, then the rest of the wall panels, then the ceiling on top and lastly put the light on the frame.

Please watch the video about a case study where an Indian singer in New York uses the SPB...

Sound Booth blocks noise to neighbors. A Case Study.



Q: Which sound proof booth works best?

A: Everyone have different situation and different budget. I hope this article link will help you decide and choose which one suits you best.
<https://www.vocalboothtogo.com/soundproofer-sound-booths-spb-series-vocalbohtogo-com-choose-one-suits-best/>

Q: Can we use the Acoustic blankets for the AVB?

A: Not really, AVB blankets are customized to fit in the aluminum frame that goes together with it. The AVB blankets have tie ups to hold on to the frames. We cannot order the frame and blankets separately even in custom order.

Q: How do I treat my room?

A: What seems to be the problem? (Examples: If he can hear the neighbors, soundproofing is the solution, If the neighbor complains about his sound, sound absorption is the solution. If there is echo, then the recording is muddy, sound absorption is the solution but also check for any cracks or sound leaks and keep an air gaps of 3-4 inches between the blankets and the wall)

Q: How do you get ventilation when working inside the booth?

A: To have throughout ventilation to the booth, place the fan outside the booth and place the plastic hose under the wall panels inside the booth. This fan will move a lot of air and runs quiet. When used with our Fan Speed Controller, you can adjust how much air flow and also the noise flow of the fan itself.



Q: How can I set up my vocal booth?

A: Any such questions that are NOT product specific, but rather a consultation questions – please forward to Jeff.



Are there any alternative solutions?

Yes, we offer various alternative solutions to create your personal audio recording space. Each has its own advantages and limitations.

Portable Hanging Acoustic Vocal Booth – PhAB. This product creates a complete enclosure to cancel app echo and reverberations to make it work it needs to be suspended off a horizontal support, such as clothes rack in a closet.



Vocal Booth On Tracks

The advantage of Vocal Booth On Tracks is that you can separate a section of your room to dedicate it to recording sessions, yet in between recordings you can always move the sound absorption curtains apart and have a complete use of the room.

The design is very simple:
Install flexible ceiling tracks (*it can be bent to any shape you need*)
Attach Acoustic Blankets Producer's choice.
The space is ready

PhAB



FlexTee Stand

FlexTee Stand acoustic shield is a great solution to create a portable shield from echo and reverberations anywhere without having to attach blankets to a wall. Get two FlexTee stands and two blankets to arrange them around yourself for complete acoustic treatment. Works well with video cameras to cancel reflections from the back and sides of the camera

PVC Frame



PVC is a great material to make a DIY frame to create acoustically treated recording space.

For your convenience we offer popular PVC frame sizes, pre-cut. In our special design.

If you want a different size - use PVC custom frame calculator.
<https://www.vocalboothtogo.com/select-custom-pvc-vocal-booth-frame-calculator/>

PVC Frame for Vocal Booth.

PVC Frame on its own does nothing to your room acoustics, the Vocal Booth is only as good as the sound absorption covers that you use.



Producer's Choice Blanket **VS** Moving Blanket

Acoustic Covers

Inexperienced people talk about using Moving blanket. but people who know, use Producer's Choice acoustic blankets, that are much thicker, heavier and more sound absorptive than moving blankets.

For use with PVC frames we designed a special blanket - SB-VG that has grommets and Velcro tie ups attached to provide easy way of hanging the blankets on the PVC frame.

Sound Absorption - 80% (NRC-0.8).
<https://www.vocalboothtogo.com/product/sound-booth-blankets-producers-choice-with-velcro/>



In any vocal booth and especially PVC frame it is important to have all-around protection from sound reflections.

We make roof covers out of Producer's Choice acoustic material to fit your PVC frame size.

<https://www.vocalboothtogo.com/product/fitted-roof-blankets-pvc-frame-vocal-booth/>

Custom Roof Cover