

# BO



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[www.resacustica.it](http://www.resacustica.it)



[www.b-ear.it](http://www.b-ear.it)



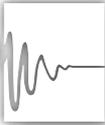
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BoXy<sup>®</sup>   
Spazio al Suono

# EDUCATION



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## IN A CLASS BY ITSELF

The modern music classroom needs to be a creative place for optimum study. An acoustically flawless and controlled environment enables students and teachers to spend many hours relaxing and learning, optimizing the needs of musicians. Our rooms are designed beyond the latest BB93 building regulations, the acoustic standards for which are rigorously applied and also reflect the recent introduction of School Premises Regulations and where applicable are aligned to Independent School Standards. Including silent air passages coated with antibacterial film, all BOXY rooms are manufactured and built with certified materials, washable walls and surfaces, plus top quality highly rated acoustic doors, with an option of large glass windows or walls. These are just some of the strengths of this outstanding studio system.

## MEASURING UP TO STUDENT AND TEACHER STANDARDS - SOUND WITH CLASS

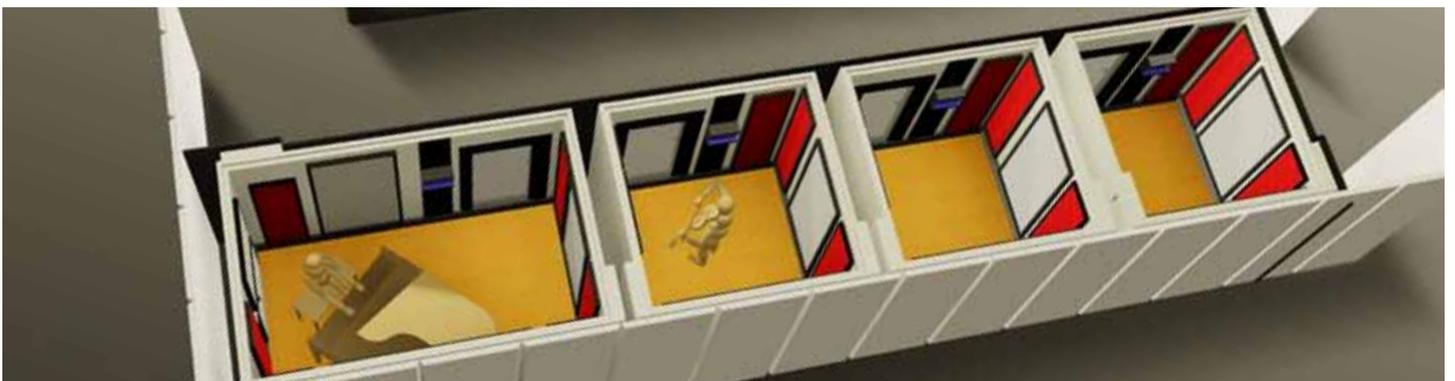
It does not matter how tight the space, a Boxy room can be designed to fit. The acoustic does not suffer despite a difficult location. Look at the independent acousticians test results to be convinced. Repeated and targeted sound measurement tests have been conducted. The following table shows just some of the live measurements taken in accordance with UNI EN ISO 140-4 standards:

Sound insulation (500 Hz) > <b>50 dB</b>
Sound insulation (500 Hz) between booths > <b>70 dB</b>
Difference in equivalent sound pressure levels > <b>48 dBA</b>
Difference in equivalent sound pressure levels between booths > <b>70 dBA</b>
Apparent sound reduction index between booths (R'w) > <b>70 dB</b>
Variable internal acoustics: <b>0,2 sec.</b> ≤ reverberation time (RT60 500Hz) ≤ <b>1,5 sec.</b>



Further documented evidence is available on request providing proof that this BOXY system adheres to the high expectations of all clients; a sound management system that goes beyond the BB93 English legislation - establishing itself as the most efficient sound proof modular system in the Global market today.

Centre Frequency (Hz)	Reduction dB
63	23,8
125	36,7
250	44,6
500	50,0
1000	51,9
2000	57,9
4000	56,1
8000	79,3



## CRAFTSMANSHIP WITH CLASS

BOXY's modular construction system can turn any environment into any place of learning. Buildings that are old or new that need to comply with current acoustic and sound management legislation, with very little pre-installation preparation. BOXY goes beyond noise requirements, it takes into consideration issues such as fire, static transfer, health and sanitation regulations. Planning is easy as we only require a 10cm air gap around the rooms (4") and yet sound transmission is negligible, thus space is not wasted, thus saving money. There are hundreds of standardized size options, with height increments up to 4 metres.



## GOOD FOR THE ENVIRONMENT AND FLEXIBLE

The Boxy system allows these extraordinary rooms to be demounted and moved, The rooms can be expanded or contracted and every element is re-used, no material is wasted. These rooms can move with the times.

