

xlnt BassCreator

Affordable Noise Control by Experts!

Introducing...
the end to all your noise emission worries



The BassCreator®

The XLNT Advanced Technologies BassCreator® is a Noise Control Device empowering acousticians and professional sound engineers to deal with noise emission nuisance caused by music. Designed and built by industry leading experts in acoustics and sound engineering, BassCreator uses advanced algorithms and electronics to get the best possible musical quality while reducing noise levels by as much as 10 dB(A).

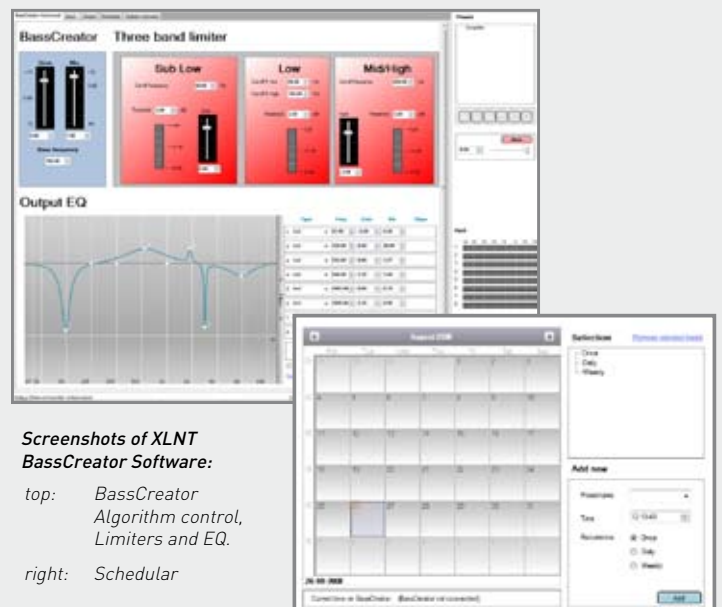
Since its introduction in 2005, the XLNT BassCreator has been successfully installed in an incredible number of venues, ranging from clubs and bars to theaters and open-air events. But despite its success, XLNT Advanced Technologies' research team hasn't sat still: the second generation of BassCreators has been developed into an even more ferocious enemy against noise emissions, adding scheduling capabilities and cutting-edge audio algorithms.

Features

Based on the missing fundamental principle, BassCreator® is capable of achieving noise reduction levels of 6 to 10 dB (A) at an amazing sound quality. Using eight advanced parametric filters, an acoustician can filter out problems in the bass region. Special adaptive algorithms are used to restore the bass and musical performance. The overall dB (A) level can be guaranteed by a triple limiter function, which can be sealed by public authorities to secure maximum sound pressure levels.

Have an exemption from normal noise emission laws for special occasions? No problem! The

BassCreator offers capabilities to schedule exception situations on a yearly, weekly or one-time-only basis. All these features can be easily controlled from any PC, using the specially developed software that gives you full control over BassCreator at the click of a mouse.



Screenshots of XLNT BassCreator Software:

top: BassCreator Algorithm control, Limiters and EQ.

right: Scheduler

The XLNT Advanced Technologies BassCreator® is capable of extending the frequency range of small loudspeakers 1 to 1,5 octave below their resonance frequency without overloading it. It can make a ten-inch loudspeaker sound like a fifteen-inch sub! The algorithm creates a deep, clear bass even in small rooms, which can be tailor-made to your personal taste: It gives you the possibility to create that club sound you always wanted.

Cost effective solution:

According to the Dutch Society for Building Research the average cost of sound isolating a bar/club etc. Are about 6000 euro/dB. By installing a BassCreator you can save 36.000-60.000 euro's !!

Applications

- Bars
- Clubs
- Stadiums
- Open-air events
- Shops

Specifications

Power requirements		
Line voltage:	15 or 230 VAC, 50-60 Hz	
Power consumption:	30 Watts	
Audio interfacing		
Inputs:	Type:	Electronically balanced Phoenix
	Impedance:	10 kOhms
	Max. input level:	+20 dBu
Outputs:	Type:	EBOS floating balanced Phoenix
	Impedance:	120 Ohms
	Max output level:	+20 dBu
Digital audio		
Processing:	32 bit floating point	
Converters:	24 bit AD	
	24 bit DA	
Sample frequency:	48 kHz	
Control Interface:	RS 232	
Mechanical		
Dimensions HXWXD :	44mm X 484mm X 223mm	
	Rack mounted 19 Inch	



References

Venue	Type	Country
Odeon	club	the Netherlands
Sugarfactory	club	the Netherlands
Studio 80	club	the Netherlands
Café bakker	bar	the Netherlands
Teejater café	bar	the Netherlands
La Vie en Rose	bar	the Netherlands
Café Hanneke	bar	the Netherlands
Café Zus	bar	the Netherlands
Pasta Basta	music restaurant	the Netherlands
Zandfoort aan de Eem	club	the Netherlands
Alcatraz	club	the Netherlands
Avenue	club	the Netherlands
Blanco	Venue	the Netherlands
Kick	Venue	Norway
Elsies	bar	the Netherlands
Roma Theatre	Theatre	Belgium
Ekko	Venue	the Netherlands
Tivoli	Venue	the Netherlands
Sting Haarlem	Shop	the Netherlands
Sting Delft	Shop	the Netherlands
Sting Arnhem	Shop	the Netherlands
Toekomst	club	the Netherlands
Akhnaton	club	the Netherlands
Paloma	Club	Spain
Club Tres	Club	Spain
Hooizolder	club	the Netherlands
Plan C	club	the Netherlands
de Leren Lampe	Venue	the Netherlands
ARC Bar	bar	the Netherlands
Brasserie Harkema	restaurant	the Netherlands
Amsterdam Wharf	Venue	the Netherlands



xlnt products are developed by Teamprojects

www.teamprojects.nl

TEAMPROJECTS

ENTERTAINMENT TECHNOLOGY



XLNT Advanced Technologies BV

Proostwetering 50

3543 AH Utrecht

the Netherlands

Phone +31 30 2 47 99 99

Fax +31 30 2 47 99 98

info@xlnt-at.com

www.xlnt-at.com