

# The power behind exceptional ticket sales



**TOPOLOGY**  
*Class AB with fully balanced differential design  
4-quadrant input stage & current feedback  
Dual DC Servos*

Enhancing your theaters' ticket sales isn't magic when you offer your moviegoers an extraordinarily stimulating event. Certainly, as your customers arrive for show time, their expectations are high. And it's a fact: For today's sophisticated film patron, there's not much point in going *out* to a movie if consumers believe they can enjoy a similar experience from their HD home theater system.

BGW's new VXi Series Immersive Sound Amplifiers deliver unparalleled, perfectly articulated sound that penetrates the depths of your audiences' heartfelt emotions. Nothing else comes close.

With up to 16 channels in a single chassis and a signal-to-noise ratio that approaches a staggering 128 dB, BGW's VXi Series Amplifiers give you ultra robust power and precision control never before available in any commercial amplifier.

For more information, please call today or visit us on-line. You'll like what you see. More important, you'll love what you hear.

**323-278-0001**

[www.bgw.com](http://www.bgw.com)

**A BGW** IMMERSIVE AMPLIFIER  
PRODUCTION  
ADMIT MANY



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# SPECIFICATIONS

<b>INPUT (all models)</b>	DB-25 and Balanced XLR
Attenuation	0 to 12 dB in 1.5 dB steps Input
Input impedance	50 k $\Omega$
Input Sensitivity	2.5 RMS input for rated output
Gain	27.9 dB
Polarity (Balanced)	Pin-2 = Positive, Pin-3 = Negative for Non-Inverting Output

<b>PERFORMANCE</b>	<b>VXi8.8</b>	<b>VXi6.6</b> 220/240V, 20A x 2	<b>VXi4.4</b>	<b>VXi2.2</b>
FTC Power Output, 8 Ohms	200W x 16	400W x 12	400W x 8	800W x 2
Typical THD	<0.05%	<0.05%	<0.05%	<0.05%
Maximum THD	1.0%	1.0%	1.0%	1.0%
IMD	<0.05%	<0.05%	<0.05%	<0.05%
Slew Rate	>60V/ $\mu$ V	>60V/ $\mu$ V	>60V/ $\mu$ V	>60V/ $\mu$ V
Damping Factor, 20 Hz–100 Hz	>400	>400	>400	>400
Crosstalk	>85db	>85db	>85db	>85db
DC Offset	<10mV	<10mV	<10mV	<10mV
Recommended Load (2 Ohm Stable)	4/8 $\Omega$	4/8 $\Omega$	4/8 $\Omega$	4/8 $\Omega$
Frequency Response	+0/-3dB 10 to 80 kHz			
Signal-to-Noise Ratio	124 dB referenced to rated output (A-Weighted)			

## SPEAKER OUTPUTS

1 Pair per Channel High-current, 32 A Detachable "Phoenix" Style connectors

## MISCELLANEOUS

Power Requirements	117V AC, Dual 20A Inlets; (2) 15A Hydraulic/Magnetic Circuit Breakers 230VAC, 2 8A Hydraulic/Magnetic Circuit Breakers; 50-60 Hz
Power Consumption	<1/2 W @ Standby, 2 x 1440W Maximum
Dimensions	17 3/8 x 9 1/16 x 20 1/4" D (441 x 230 x 514 mm)
Weight	Up to 145 lbs. (depending on Model)
Maximum Operating Temperatures	Internal: 176° F (80° C), Room: 131° F (55° C)



- Built to withstand the rigors of commercial operation.
- Multiple temperature sensors assure long life and reliable operational stability.
- Impossible to overdrive the amp.
- Distortion remains below 1% in all drive conditions.
- Overvoltage, overcurrent protection.
- Optional reporting module monitors all parameters.
- Versatile channel assignments.
- Dolby Atmos® and Auro-3D® friendly.

Specifications subject to change without notice.  
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