

SBX118F

18" Powered Arrayable Subwoofer

- ▶ Flyable with NTX210L
- ▶ Self configuration and array optimization
- ▶ Dante input and loop through
- ▶ Configurable from a back panel interface or through Resolution software
- ▶ Integrated power supply with universal voltage and PFC power supply



 **Dante**[®]
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OVERVIEW

The SBX118F is a high output, mid-size subwoofer system designed to provide low frequency extension for NTX210L systems. SBX118F use of a 4-in voice coil ensures the best sonic performance, meeting expectations for venues of all sizes.

SBX products are designed around transducers normally found in more expensive solutions. With NTX210L and SBX118F, each module can wirelessly communicate with it's neighbor utilizing IR sensors on the top and bottom (both in the front and rear) of each cabinet. Arrayed elements are aware of their relative location and configuration, which greatly reduces set up time, tuning time, and opportunities for misidentification of cabinets while making DSP adjustments.

SBX118F's can be deployed in multiple configurations. They may be flown in the same array with NTX210L utilizing the supported flybar and transition bar, or simply flown with the NTX210L flybar in a subwoofer array. SBX118F supports ground stack operation of NTX with flybar locating pins providing safe operation at any splay angle, and includes pole mounts on it's top and side surfaces for maximum flexibility.



NTX210L & SBX118F shown in flown array

TECHNICAL SPECIFICATIONS

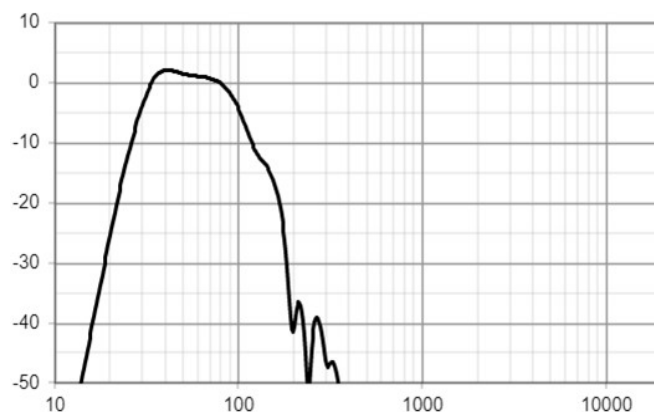
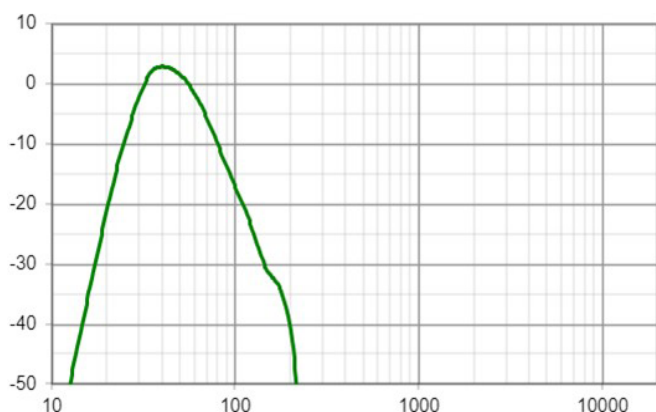
SINGLE 18" POWERED ARRAYABLE SUBWOOFER

PERFORMANCE	
Max SPL (Half Space)	135dB
Operating Range	25Hz–120Hz
ELECTRICAL	
Input Type	Electronically Balanced
Max Input Level	21dBu
Impedance	20 kOhm (balanced)
Input Wiring	XLR, Pin 1 chassis, pin 2 +, pin 3 – separate loop-thru XLRM (for analog signal only)
Input Selection	Analog, Dante
Amplifiers & Processing (LF/HF) Type	Modified Class D
Maximum Output	2500W
Driver Protection	Integral DSP limiting
AC Mains (nominal) Connector	Neutrik PowerCON TRUE1 TOP
Input	100 V TO 240 V
Frequency	50 Hz to 60 Hz
Power Consumption	Idle – 20W
	1/8th - 200W
	1/3rd - 300W
	Full - 550W
Controls/Communication Connections	2x Neutrik PowerCON TRUE1 TOP
Protocols	Ethernet/Dante
Software	EAW Resolution 2™

CONFIGURATION		
Subsystem	Transducer	Loading
	1x18" cone, 4" VC	Vented
Operating Mode		
	Amplifier Channels	External Signal Processing
Single Amp	VLF	DSP w/EAW DynO™
ORDERING DATA		
Part Numbers:		
SBX118F Black		2072285-90
Accessories		
SBX118F/SB818 CART		2072415-90
SBX118F CASTER KIT		2070738
SBX118F/SB818 COVER		
NTX RAINSHIELD-HORIZONTAL		2070971
M20 THREADED POLE		2047634
KF210/NTX210L TRANSITION BAR		2072421-90
PHYSICAL		
Dimensions (H×W×D)	21 x 28.3 x 27.9in (533 x 720 x 708mm)	
Weight	131 lbs. (59.4kg)	

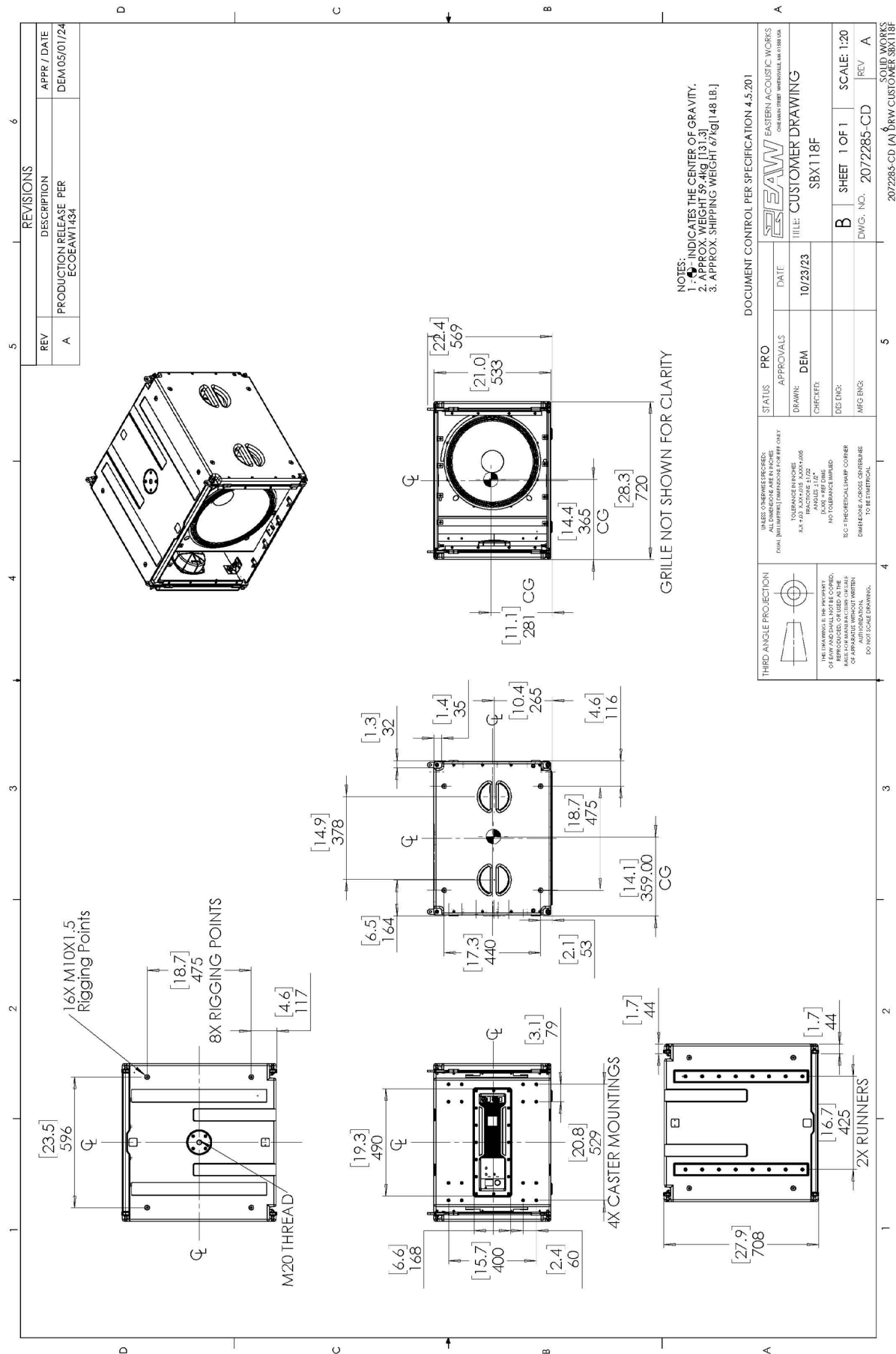
PERFORMANCE GRAPHS

Frequency Response¹ ■=60Hz Setting ■=100Hz Setting

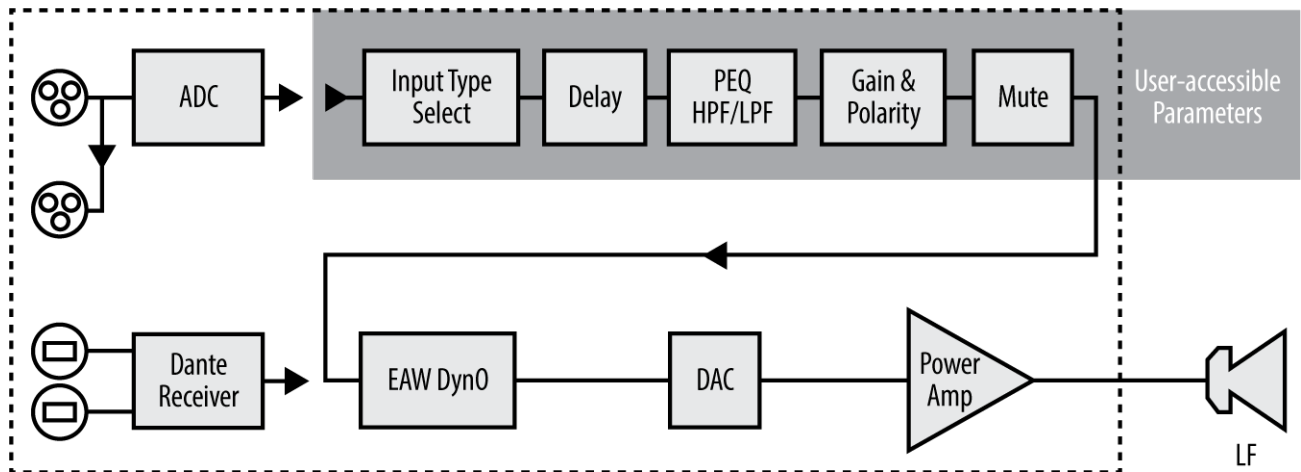


¹ Variation in acoustic output level with frequency for a constant input signal. Processed: normalized to 0 dB SPL. Unprocessed inputs: 2 V (4 ohm nominal impedance), 2.83 V (8ohm nominal impedance), or 4 V (16 ohm nominal impedance) referenced to a distance of 1 m.

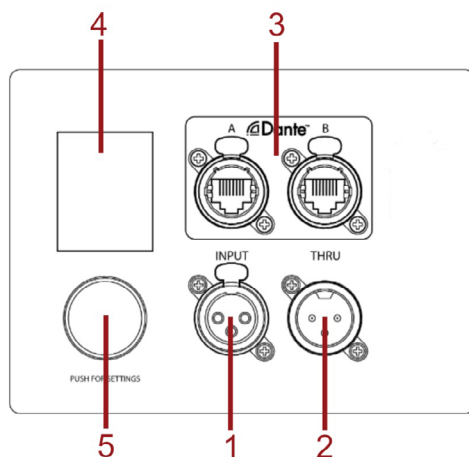
SBX118F Module



SIGNAL DIAGRAM



INPUT PANEL



- 1 XLR Input
- 2 XLR Thru
- 3 Dante A / B
- 4 LCD UI Display
- 5 DSP Navigation / Edit Wheel

Legend

- HPF** High Pass Filter for crossover –or– Recommended High Pass Filter
LPF Low Pass Filter for crossover
LF/MF/HF Low Frequency / Mid Frequency / High Frequency
AMP User Supplied Power Amplifier –or– Integral Amplifier for NT products
XVR Passive LPFs, HPFs, and EQ integral to the loudspeaker
EAW Focusing Digital Signal Processor capable of implementing EAW Focusing
EAW DynO Digital Signal Processor capable of implementing EAW DynO processing