

SBX218

2 x 18" Powered Subwoofer

- ▶ Powerful neodymium transducers with tremendous motor strength reduce system weight and increase output response at all output levels.
- ▶ 4in Voice Coil Driver
- ▶ Cable Chases for Concealed Wiring and Rigging.
- ▶ Multiple tie down points for secure stacking.
- ▶ Universal power supply for reliable operation on any mains source anywhere in the world



Dante[®]
SPOKEN HERE

OVERVIEW

The SBX218 is a high output subwoofer system designed to support any system for RSX to ADAPTive Series products. SBX Series use of neodymium woofers with a 4in voice coil ensures the best sonic performance, meeting expectations for medium to large venues.

Engineered for both production and installation uses, SBX218 is equipped with a threaded pole mount and rugged handles, making for a perfect solution for small gigs to large concert systems. Integrated runners on top and sides lock subs together to resist movement due to vibration and provide a clean look. Support of ground stack operation of NTX can be accomplished with two sets of flybar locating pins providing safe operation at any splay angle

SBX218's hefty grill with large openings protects the woofers, resists damage, and is acoustically transparent. The ultra large port, inspired by aircraft design, eliminates port noise. EAW DYNO gets every last dB of performance out of the system in the most challenging conditions.

Tie Down Points
Do not hang or fly from these points

Runner

Pole Cup

Cable Pass Thru
Conceal wiring for clean look

Handles

Front Panel LED



TECHNICAL SPECIFICATIONS

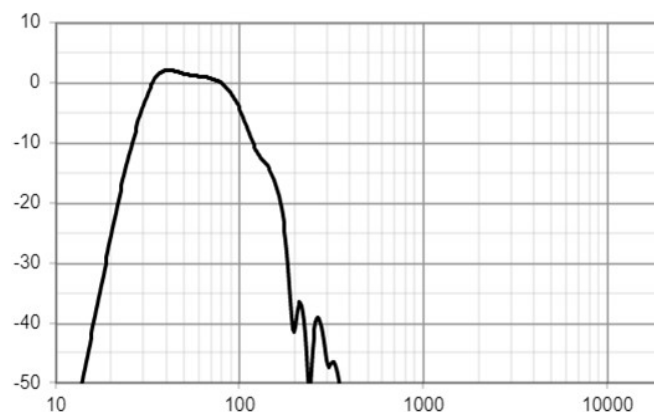
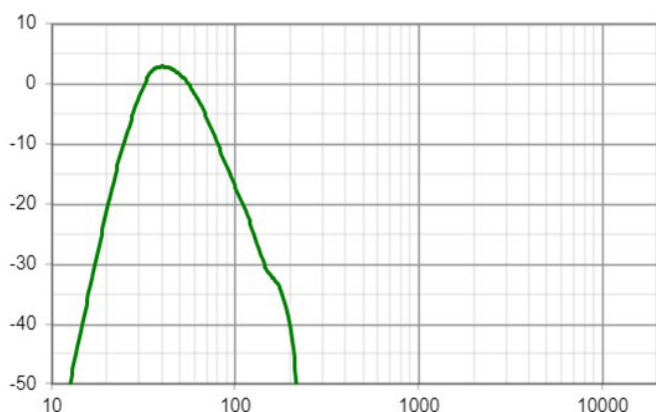
SINGLE 18" POWERED SUBWOOFER

| PERFORMANCE | |
|--------------------------------------|--|
| Max SPL (Half Space) | 141dB |
| Operating Range | 25Hz–120Hz |
| ELECTRICAL | |
| Input Type | Electronically Balanced |
| Max Input Level | 21dBu |
| Impedance | 20 kOhm (balanced) |
| Input Wiring | XLRF, 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 | 2 x 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 – 40W |
| | 1/8th - 400W |
| | 1/3rd - 600W |
| | Full - 1100W |
| Controls/Communication Connections | Neutrik PowerCON TRUE1 TOP |
| Protocols | Ethernet/Dante |
| Software | EAW Resolution 2™ |

| CONFIGURATION | | |
|---------------------------|---|----------------------------|
| Subsystem | Transducer | Loading |
| | 2x18" cone, 4" VC | Vented |
| Operating Mode | | |
| | Amplifier Channels | External Signal Processing |
| Single Amp | VLF | DSP w/EAW DynO™ |
| ORDERING DATA | | |
| Part Numbers: | | |
| SBX218 Black | | 2070846-70 |
| Accessories | | |
| SBX218 CART | | 2071078-70 |
| SBX218 CASTOR KIT | | 2070738 |
| SBX218 COVER | | 2071079 |
| NTX RAINSHIELD-HORIZONTAL | | 2070971 |
| M20 THREADED POLE | | 2047634 |
| PHYSICAL | | |
| Dimensions (H×W×D) | 21.3 X 52.7 X 31.5in (540 X 1340 X 800mm) | |
| Weight | 204 lbs. | |

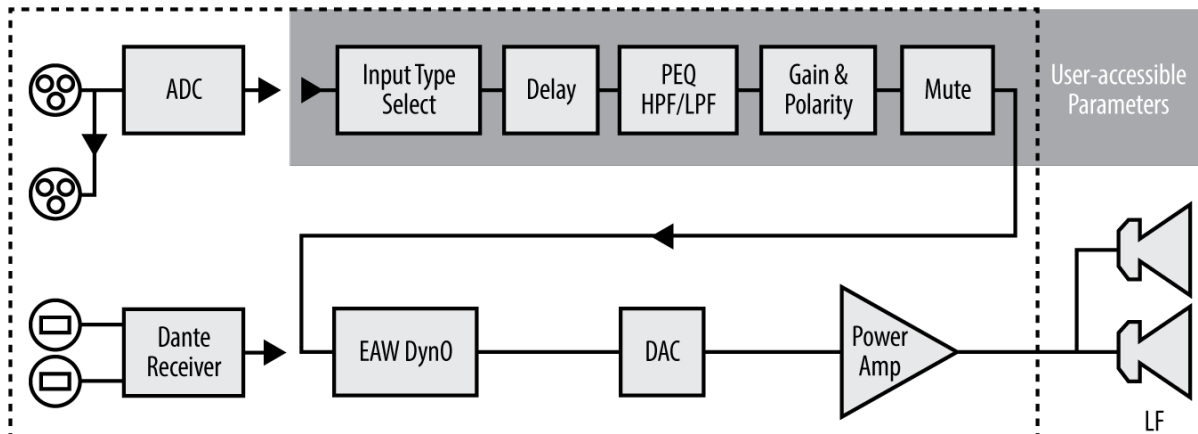
PERFORMANCE GRAPHS

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

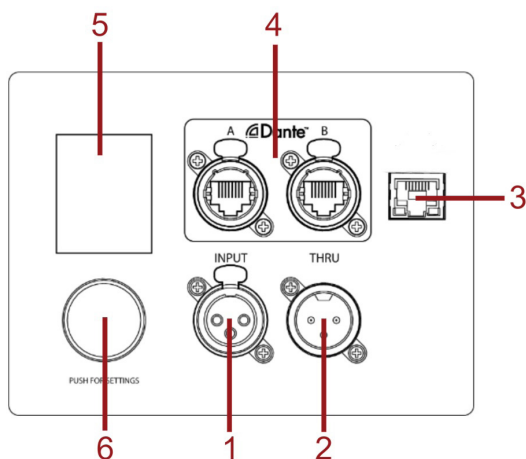


¹ Variation in acoustic output level with frequency for a constant input signal. Processed: normalized to 0 dB SPL. Unprocessed inputs: 2 V (4 ohm nominal impedance), 2.83 V (8ohm nominal impedance), or 4 V (16 ohm nominal impedance) referenced to a distance of 1 m.

SIGNAL DIAGRAM



INPUT PANEL



- 1 XLR Input
- 2 XLR Thru
- 3 Port C
- 4 Dante A / B
- 5 DSP Navigation / Edit Wheel
- 6 LCD UI Display
- 7 Front Panel LED

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



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