

SB818

Single 18" Flyable Subwoofer

- ▶ Versatile rigging options to array with KF210 and the KF210 Flybar
- ▶ Recessed pin select switch reduces cabling and provides greater deployment flexibility
- ▶ Seamless power and processing provided by UXA4416 amplifier.
- ▶ Weather protection options.



OVERVIEW

The SB818 is a high output, mid-size flyable subwoofer system. SB series subwoofers are the choice where the best sonic performance, highest reliability, and most robust physical construction are required.

SB818 is direct radiating with an optimally tuned vented enclosure. Top quality drivers provide the highest output and best sonic performance, and EAW engineers have tailored digital signal processing for optimum LF response.

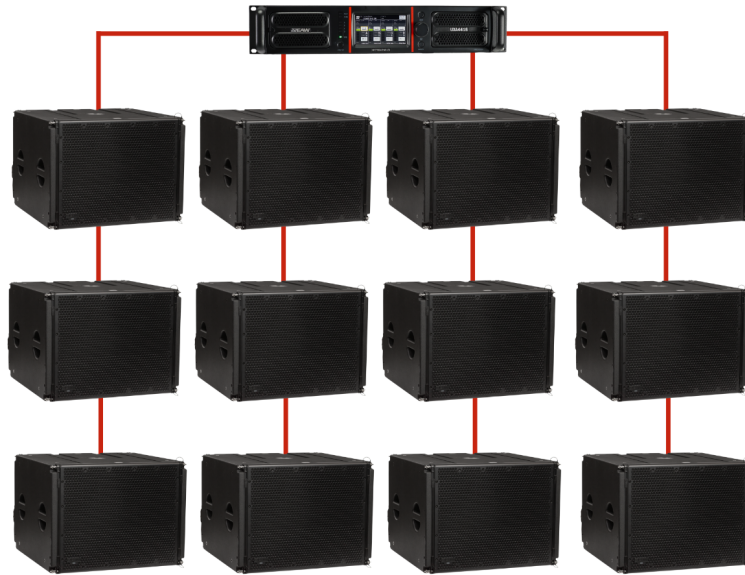
SB818 is the first choice when choosing a subwoofer to fly with a KF series system. It can be flown by itself or arrayed with KF210. A ground stack adapter supports flexible, compact, and safe ground stack arrays, while a transition bar allows for the sub and KF210 to be flown in the same array using one flybar and one rigging point.

A recessed switch on the input panel allows the first or second set of NL4 connections to be routed to the loudspeaker's input, reducing cables and providing even greater deployment flexibility.



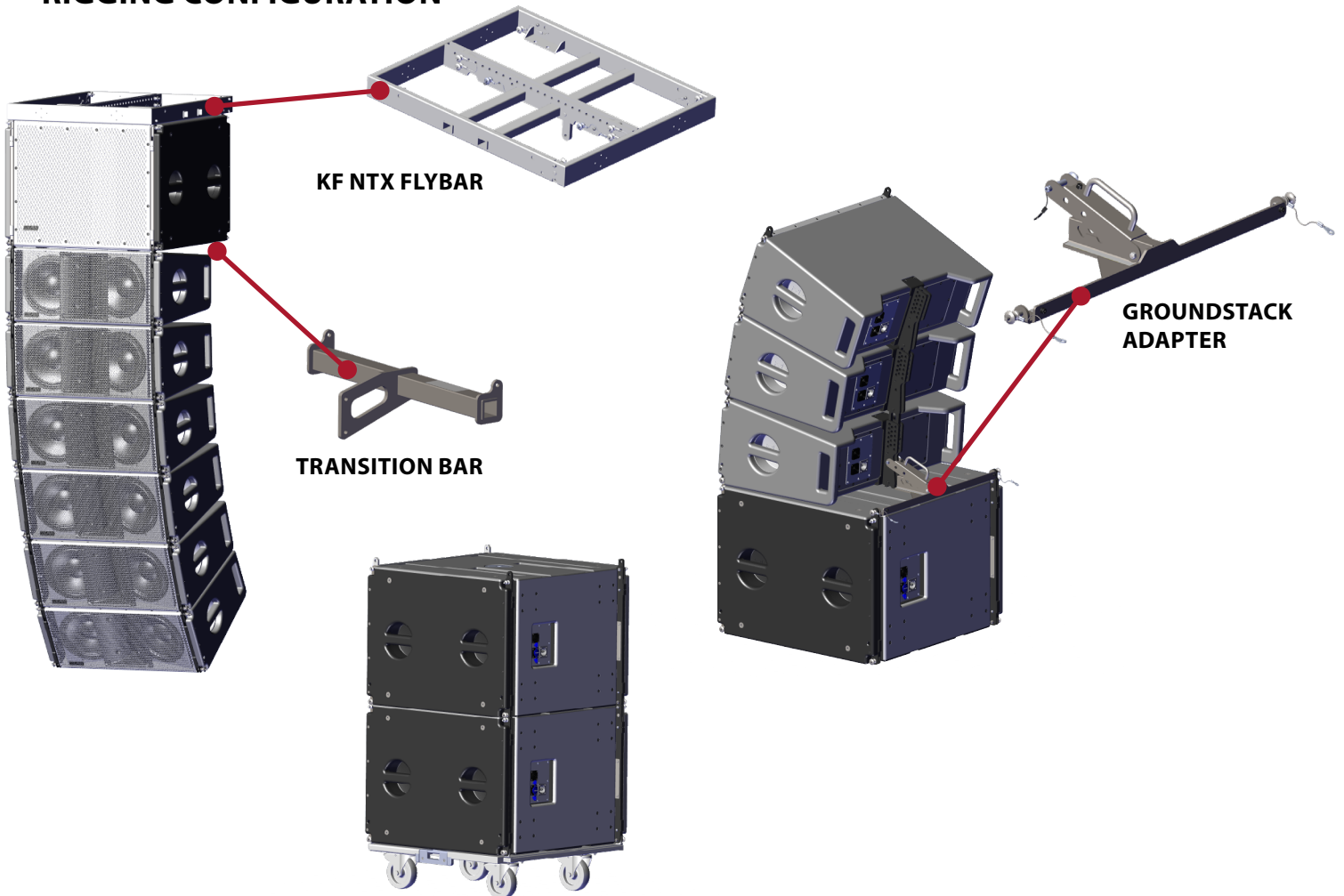
KF210 Groundstacked array with SB818

AMPLIFIER CONFIGURATION FOR SB818 (MAX PER AMP)



UXA4416

RIGGING CONFIGURATION



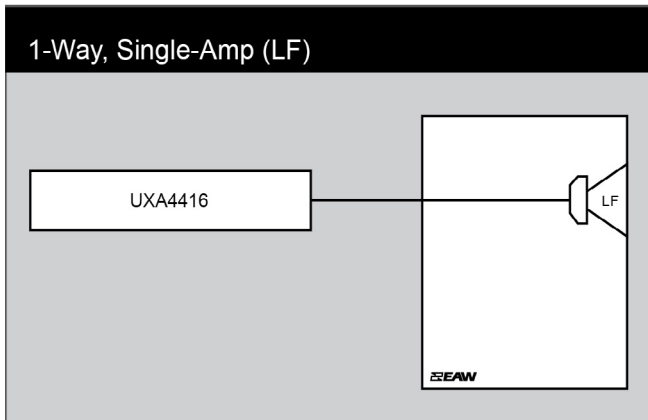
TECHNICAL SPECIFICATIONS
SINGLE DRIVER 18" SUBWOOFER

| PERFORMANCE | | |
|--------------------------------------|--|-----------------------------------|
| Max SPL¹ | 136dB | |
| Operating Range² | 25Hz-120Hz | |
| Nominal Beamwidth³ | Horz | Vert |
| | 360° | 360° |
| CONFIGURATION | | |
| Subsystem | Transducer | Loading |
| LF | 1x18", 4" Voice Coil | Vented |
| Operating Mode | Amplifier Channels | External Signal Processing |
| Single-amp | 1 | DSP w/EAW Dyno |
| PHYSICAL | | |
| Physical/Rigging | 4-Point Integrated Rigging | |
| Dimensions (HxWxD) | 21 x 28.3 x 27.9in (533 x 720 x 708mm) | |
| Net Weight | 121.6 lbs. (55.3kg) | |
| Shipping Weight | 124 lbs. (56.4 kg) | |
| Flyware | KF NTX FLYBAR 2071074 | |
| | GROUNDSTACK ADAPTER 2072363-9999 | |
| | TRANSITION BAR 2072421 | |
| Connector Type | 2x NL4 | |
| ORDERING DATA | | |
| Part Numbers: | Black | |
| SB818 | 2072254-90 | |
| Accessories | | |
| CART | 2072415-90 | |
| DOUBLE COVER | 2072023 | |
| SINGLE COVER | 2072418 | |
| THREADED POLE | 2047634 | |
| CASTER KIT | 2070738 | |

NOTES

- 1 Calculated max SPL at 1m with 4:1 (12dB) crest factor pink noise. Specified as whole space (free field) for full range loudspeakers, half space for subwoofers.
- 2 Operating Range: Range where the processed Frequency Response stays within -10 dB SPL of the power averaged SPL within this range; measured on the geometric axis. Narrow band dips are excepted.
- 3 Nominal Beamwidth: Design angle for the -6 dB SPL points, referenced to 0 dB SPL as the highest level.
- 4 Accelerated Life Test: Maximum test input voltage applied with an EIA-426B defined spectrum; measured with recommended signal processing and Recommended Protection Filter.
- 5 Nominal Impedance: Selected 4, 8, or 16 ohm resistance such that the minimum impedance point is no more than 20% below this resistance over the Operating Range.

SIGNAL DIAGRAM



Legend

| | |
|-----------------|--|
| DSP | User-supplied Digital Signal Processor |
| HPF | High Pass Filter for crossover or specified High Pass Filter |
| LPF | Low Pass Filter for crossover |
| LF/MF/HF | Low Frequency / Mid Frequency / High Frequency |
| AMP | User Supplied Power Amplifier |
| XVR | Passive LPFs, HPFs, and EQ integral to the loudspeaker |

INPUT PANEL

