



Product Bulletin

Low Frequency (520Hz) Audible Solutions for Any Application!



December 30, 2014

Dear NOTIFIER Business Partner,

NOTIFIER is pleased to offer you three options to meet the low frequency notification requirements of NFPA 72.

- New Low Frequency Sounder Bases now released
 - **B200S-LF** and **B200SR-LF**
- New UL Low Frequency listing of the DVC, associated digital audio amplifiers and compatible System Sensor speakers and speaker-strobes
- Low Frequency sounders and sounder-strobes

The release of **B200S-LF** and **B200SR-LF** and the UL low frequency listing of the DVC and associated audio system components, combined with the previously released low frequency sounders and sounder-strobes enables NOTIFIER Life Safety and Emergency Communication Systems to be used in any application requiring low frequency audible requirements. Whether simple horn/horn-strobe applications, to applications requiring programmable sounder bases, to emergency voice evacuation applications requiring low frequency voice compatibility NOTIFIER has it covered.

Low frequency audible appliances are required by NFPA 72 2010 and NFPA 72 2013 editions for sleeping spaces. Typical applications include, but are not limited to Hotels, Motels, Apartments Buildings, Condominiums, Dormitories, Assisted Living and Health Care facilities.

The B200S-LF is an intelligent, addressable, programmable sounder base compatible with the NFS-320, NFS2-640 and NFS2-3030 panels. The B200SR-LF is an intelligent 'retrofit' sounder base

intended to replace the older B501BH series sounder bases. Please refer to the B200S-LF/B200SR-LF data sheet and B200S-LF and B200SR-LF installation instructions for additional information.

The low frequency voice compatibility requires the use of a DVC low frequency tone available on the ESD site, a compatible digital audio amplifier and System Sensor's SpectrAlert® Advance indoor high fidelity speakers and speaker-strobes.

See the below table for a complete list of NOTIFIER's low frequency audible solutions:

Low Frequency (520 Hz) Audible Solutions For Any Application		
New Low Frequency Sounder Bases!		
Model Number	Description	List Price
B200S-LF	Intelligent, addressable, programmable Low Frequency (520Hz) Sounder Base	\$126.00*
B200SR-LF	Intelligent 'retrofit' Low Frequency (520Hz) Sounder Base	\$124.00*
*Standard discount off or list price applies		
Audio System Components Now UL Listed for Low Frequency!		
Model Number	Description	
DVC-EM	Digital Voice Command , Extended Memory	
DAA2-5025	Digital Audio Amplifier, 50 Watt, 25 Volt, 120 VAC (4 Class B/2 Class A ckts)	
DAA2-5070	Digital Audio Amplifier, 50 Watt, 70 Volt, 120 VAC (4 Class B/2 Class A ckts)	
DAA2-7525	Digital Audio Amplifier, 75 Watt, 25 Volt, 120 VAC (4 Class B/2 Class A ckts)	
DAX-3525	Digital Audio Amplifier, 35 Watt, 25 Volt, 120 VAC (2 Class B/1 Class A ckts)	
DAX-3570	Digital Audio Amplifier, 35 Watt, 70 Volt, 120 VAC (2 Class B/1 Class A ckts)	
DAX-5025	Digital Audio Amplifier, 50 Watt, 25 Volt, 120 VAC (2 Class B/1 Class A ckts)	
DAX-5070	Digital Audio Amplifier, 50 Watt, 25 Volt, 120 VAC (2 Class B/1 Class A ckts)	
DS-DB	DS Series Distribution Board, Supports one to four DS-AMP)	
DS-AMP	DS Series Amplifier, 120 VAC	
BDA-25V	Back-up Digital Amplifier for 25 volt DAX or DAA2 series	
BDA-70V	Back-up Digital Amplifier for 70 volt DAX or DAA2 series	
DS-XF70V	DS Series 70 volt transformer	
DS-BDA	DS Series Backup Amplifier	
SPR	System Sensor High Fidelity Speaker, Wall, Red	
SPW	System Sensor High Fidelity Speaker, Wall, White	
SPCR	System Sensor High Fidelity Speaker, Ceiling, Red	
SPCW	System Sensor High Fidelity Speaker, Ceiling, White	
SPSR	System Sensor High Fidelity Speaker/Strobe, Selectable Candela, Wall, Red	
SPSRH	System Sensor High Fidelity Speaker/Strobe, High Candela, Wall, Red	
SPSW	System Sensor High Fidelity Speaker/Strobe, Selectable Candela, Wall, White	
SPSCR	System Sensor High Fidelity Speaker/Strobe, Selectable Candela, Ceiling, Red	
SPSCW	System Sensor High Fidelity Speaker/Strobe, Selectable Candela, Ceiling, White	
SPSCWH	System Sensor High Fidelity Speaker/Strobe, High Candela, Ceiling, White	
SPSCRH	System Sensor High Fidelity Speaker/Strobe, High Candela, Ceiling, Red	
SPSCW-CLR-ALERT	System Sensor High Fidelity Speaker/Strobe, Clear Lens, Alter marking	
SPSCW-P	System Sensor High Fidelity Speaker/Strobe, Selectable Candela, Ceiling,	

	White, Plain
SPSCWH-P	System Sensor High Fidelity Speaker/Strobe, High Candela, Ceiling, White, Plain
SPSR-P	System Sensor High Fidelity Speaker/Strobe, Selectable Candela, Wall, Red, Plain
SPSRH-P	System Sensor High Fidelity Speaker/Strobe, High Candela, Wall, Red, Plain
SPSW-ALERT	System Sensor High Fidelity Speaker/Strobe, Standard Candela, White, Amber Lens
SPSW-CLR-ALERT	System Sensor High Fidelity Speaker/Strobe, Standard Candela, White, Clear Lens, Alert marking
SPSW-P	System Sensor High Fidelity Speaker/Strobe, Selectable Candela, Wall, White, Plain
SPSWH	System Sensor High Fidelity Speaker/Strobe, High Candela, Wall, White
SPSWH-P	System Sensor High Fidelity Speaker/Strobe, High Candela, Wall, White, Plain
Low Frequency Sounders and Sounder-Strobes	
Model Number	Description
HR-LF	System Sensor Low Frequency Sounder, 12/24 Volt, Two-Wire, Red
HW-LF	System Sensor Low Frequency Sounder, 12/24 Volt, Two-Wire, White
P2RH-LF	System Sensor Low Frequency Sounder/Strobe, 24 Volt, Two-Wire, Red
P2WH-LF	System Sensor Low Frequency Sounder/Strobe, 24 Volt, Two-Wire, White

To learn more about low frequency audible requirements please see below for links to a low frequency state adoption map and webinars on this topic hosted by System Sensor:

- [Low Frequency State Adoption Map](#)
- [An Introduction to Low Frequency \(520 Hz\) Sounders](#)
- [Low Frequency – Design and Installation](#)

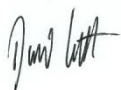
For additional Low Frequency support documents please see the links below:

- [Supplement to DVC manual referencing Low Frequency](#)
- [DAA2/DAX manual referencing Low Frequency](#)
- [Device Compatibility Document \(Ref Low Frequency audible/audible-visual appliances\)](#)
- [SLC Manual Supplement Referencing Low Frequency Sounder Bases](#)
- [Base datasheet referencing Low Frequency Sounder Bases](#)

Hint: When looking for information in these documents use 'Control + F' and type 'Low Frequency' in the find box. This will help navigate you quickly to the contents related to Low Frequency.

Please contact your NOTIFIER Customer Service Representative at 1-800-289-3473 to place an order for the NEW B200SR-LF, B200SR-LF or any compatible low frequency audible products. For any technical questions pertaining to this notice please contact NOTIFIER Technical Service at 1-800-289-3473 or NOTIFIER.Tech@honeywell.com.

Sincerely,



Daniel Corbett
Product Manager, NOTIFIER