

Back-up alarms allow drivers to maintain a safe environment around the vehicle by alerting of danger zones when reversing. The area directly behind a truck as well as a trailer can be a complete blindspot for drivers, making reversing-accidents some of the most horrendous.

Back-up alarms are simple solutions to implement to ensure the safety and well being of drivers and others. The hardware is easy and quick to install. Units are compact in size with universal mounting designs. They have very low current requirements which makes adding them onto electrical systems already loaded with other accessories a breeze!

Product Highlights – Brigade

Patented White Sound Reversing and Warning Alarms

Instantly Locatable Sound: bbs-tek multi-frequency reversing and warning alarms use a wide range of White Sound frequencies. This enables the listener to instantly locate where and what direction the sound is coming from. The broadband sound also gives workers wearing hearing protection devices and people with hearing difficulties a better chance of hearing the alarm. The sound is considered directional and stays confined to the danger area to eliminate distraction of others nearby not in imminent danger.

Heard Only Where it Matters: bbs-tek reverse alarms create a 'shh-shh' sound to replace standard beeping alarms, which is gentle on the ear and dissipates quickly. This means the alarms do not cause noise-nuisance and thus eliminate noise complaints.

Certification: bbs-tek alarms are endorsed by the Noise Abatement Society and have been awarded the Quiet Mark for their environmental benefits. The alarms are also approved for night-time deliveries in areas of operation with noise ordinances.

Multiple Options: The bbs-tek line of alarms come in a multitude of options to best fit a customer's applications.

- *Static Sound* – these alarms project sound at standardized volume level based on either medium duty (97 decibels) or heavy duty (107 decibels) configuration.
- *Self-Adjusting Smart Alarm* – these alarms are capable of projecting sound within a predefined range of volume depending on the ambient noise level in the surround environment. The device will automatically and continuously adjust it's project level to be between 5 to 10dB above the current ambient noise level.

- *Special Applications* – a variety of other options available in addition to the standard medium duty & heavy duty static and smart alarms referenced above:
    - Electric-Powered Forklifts
    - Speaking alarms for actual real-English spoken alerts – "Shh! Stand well clear, vehicle is reversing"
    - Speaking handbrake alarm – "Bleep! Hand brake not applied"
    - Speaking side turn alarm – "Shh! Caution. Truck turning left"
    - Speaking attack alarm activated by a panic button and will repeat continuously until deactivated by a hidden switch.

Product Highlights – Magnadyne

Waterproof Back-up Warning Alarms

Magnadyne offers a line of cost-effective reverse warning alarms which alert using the universal warning tone. Units are designed with a waterproof housing to withstand even the harshest of environments, including epoxy embedded electronics. The alarm will sound when reverse lights are activated to immediately notify those nearby of the danger zone.

- Conforms to SAE J994 Safety Standards
- Projects a Distinctive Beep Rate of One Beep Per Second
- Multiple Power Configurations – 12V or 24V
- Variety of Output Volumes Available:
    - Static 97dB
    - Static 107dB
    - Static 112dB
    - Self-Adjusting 97dB-102dB
    - Self-Adjusting 87dB-112dB
- Multiple Installation Options:
    - Wire leads
    - Stainless steel terminals
    - Stainless steel terminal + wire lead

Top Movers

PART NUMBER	DESCRIPTION	POWER	DIMENSIONS (WxHxD)	SELF-ADJUSTING	OUTPUT VOLUME	SOUND TYPE
BBS-107	BRIGADE WHITE SOUND BACK-UP ALARM HEAVY-DUTY - 107 DECIBELS	12V/24V	6.8" x 3.1" x 3.7"	NO	107dB	WHITE NOISE

BBS-97	BRIGADE WHITE SOUND BACK-UP ALARM MEDIUM-DUTY - 97 DECIBELS	12V/24V	4.1" x 2.5" x 1.5"	NO	97dB	WHITE NOISE
SA-BBS-107	BRIGADE WHITE SOUND SMART BACK-UP ALARM HEAVY-DUTY SELF ADJUSTING - 87 TO 107 DECIBELS	12V/24V	6.8" x 3.1" x 3.7"	YES	87dB - 107dB	WHITE NOISE
SA-BBS-97	BRIGADE WHITE SOUND SMART BACK-UP ALARM MEDIUM-DUTY SELF-ADJUSTING - 77 TO 97 DECIBELS	12V/24V	5.0" x 3.0" x 2.5"	YES	77dB - 97dB	WHITE NOISE
BU2000C	MAGNADYNE 12V DC, 97DB EXTERNAL REVERSE MOTION WARNING ALARM	12V	4.0" x 2.7" x 1.6"	NO	97dB	BEEP
BU2000CW-107	MAGNADYNE 12/24V DC, 107DB EXTERNAL REVERSE MOTION WARNING ALARM	12V/24V	4.0" x 2.7" x 1.6"	NO	107dB	BEEP
BU-2000CW112	MAGNADYNE 12/24V DC, 112DB EXTERNAL REVERSE MOTION WARNING ALARM	12V/24V	4.0" x 2.7" x 1.6"	NO	112dB	BEEP
BU2200C-97	MAGNADYNE 12V DC, 97DB EXTERNAL REVERSE MOTION WARNING ALARM	12V	4.0" x 2.7" x 1.6"	NO	97dB	BEEP
BU3000C-102A	MAGNADYNE 12/24V DC, 97-102DB EXTERNAL REVERSE MOTION WARNING ALARM	12V/24V	4.0" x 2.7" x 1.6"	YES	97dB -102dB	BEEP

Downloads

- **Brigade Back-Up Alarm Sales Sheet**

Warranty Information

- Brigade has a **Lifetime Warranty**
- Magnadyne has a **1-Year Warranty**

Last updated: Tuesday, 30 September 2025 03:23 PM

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