Eliminate Noise Complaints NOW!
Increase Worker Safety
Keep Your Neighbors Happy!

LIFETIME WARRANTY

BROADBAND WHITE SOUND BACK-UP ALARMS

INTRODUCING THE SMART, SELF-ADJUSTING BBS-TEK® BACK-UP ALARMS WITH VOLUME RANGES FROM 77-97DB AND 87-107DB

SAE International RoHS FC CE

MAKING THEM IDEAL FOR TRUCKS, BUSES, COACHES, FORKLIFTS, AIRPORT VEHICLES, CONSTRUCTION & MINING MACHINERY, AS WELL AS WORKING IN AREAS WHERE THE AMBIENT NOISE LEVEL MAY VARY SIGNIFICANTLY.

77-97db

87-107db *

This is particularly important for vehicles maneuvering in close proximity to each other or going from a noisy environment, such as a factory floor, to a quieter external location, such as a work yard, ensuring the warning is always heard.

PROVIDES GREATER SAFETY & LESS NOISE NUISANCE THAN ANY OTHER ALARM!

KEY BENEFITS:

- ☐ 'Smart' self-adjusting sound level
- ☐ Ambient noise is monitored once every second
- ☐ Automatically adjusts the alarm volume 5-10dB above the sampled noise level
- ☐ Sound is instantly locatable so you can tell which vehicle is reversing
- ☐ Focuses warning sound in the danger zone behind the vehicle, so it doesn't annoy site neighbors or other people
- ☐ Unlike conventional alarms, the 'shh… shh…' sound of broadband sound (white sound) is easy on the ear and dissipates fast outside the danger area
- ☐ Tough, Durable, Waterproof (IP68)
- ☐ Conforms to SAE J994 environmental standards
- ☐ Solid state, spark-free electronics
- ☐ Epoxy sealed for protection against vibration, dust and moisture

SPECIFICATION:	97:	107:
POWER INPUT	12-24Vdc	12-24Vdc
POWER CONSUMPTION	0.5	1.0
SOUND LEVEL (DB(A)@1M)	77-97	87-107
SOUNDER UNIT	Speaker	Speaker
FREQUENCY	Multi	Multi
DIMENSIONS (IN.)	5 x 2.5 x 3.6	7 x 3.7 x 3.1

CALL TOLL FREE: 1-888-434-0253 — CONTACT: SALES@PROVIX.NET — VISIT: WWW.PROVIX.NET

Provix Broadband Alarms– The Benefits

SAFETY – Much Greater Safety

- **Their sound is locatable**

  The location of a broadband sound source is instantly and unambiguously recognisable and reveals immediately which vehicle or machine is backing-up. Narrowband sound is liable to give false directional clues due to reflection off surfaces such as buildings, quarry faces etc. sometimes with fatal results
- **Sound is localised within hazard area**

  Familiarity with unneeded warning alarms heard ***outside*** the hazard area breeds general contempt for them – very dangerous when real need is.
- **Audible through Ear Defenders**

  The lower frequencies of their broad frequency spectrum penetrate ear defenders more readily than the higher frequencies of narrowband alarms
- **End to intentional disconnects**

  Operators and site workers, driven mad by old narrowband alarms, are very happy to work with broadband and appreciate its safety value

ENVIRONMENT – End To Noise Complaints

- **Rapid Sound Dissipation**

  Broadband sound dissipates much faster than narrowband. This results in its warning sound being confined to the hazard area.
- **Less Irritating**

  Psychoacoustically, broadband sound is tolerable whereas pulsed narrowband sound disturbs and irritate workers and householders far from the hazard area.
- **Less decibels**

  Broadband sound is ***equally audible at lower Sound Pressure Levels*** than narrowband.

HEALTH – Reduce Hearing Damage & "Startle"

- **Reduced risk of Hearing Damage**

  Lower sound-pressure levels spread across a broad frequency-band diminish the hearing-damage hazard of high narrowband frequencies (the stiletto heel effect)
- **Heart risk due to "startle"**

  Sudden burst of loud narrowband sound nearby can cause severe heart stress due to the "startle" factor

NOISE - The 21ST Century Pollutant

"Calling noise a nuisance is like calling smog an inconvenience",

Dr William H. Stewart, former Surgeon General of USA

"Noise is any loud, discordant or disagreeable sound or sounds"

Webster's New Woropld Dictionary

Broadband back-up alarms are "noiseless" – their sound is neither loud, discordant nor disagreeable. Traditional, old narrowband alarms are intrinsically unsafe, noisy, irritating, disagreeable, injurious to health, cause stress and are frequently sabotaged. They are now obsolete.