

## BACK UP ALARMS

### TONAL vs MULTI FREQUENCY BACK UP ALARMS

#### So, what's the difference?

Tonal Alarms emit sound at a predominant frequency resulting in the familiar "beep-beep" warning signal that we've all grown accustomed to. Conversely Multi Frequency alarms emit sound at multiple frequencies within a narrow band resulting in a "shhh-shhh" warning sound.

There is no scientific evidence to prove either sound is more effective than the other in a reversing vehicle application. However, there are several points of view that should be considered when choosing between the two.



#### "Beep" Tonal

The beep-beep sound is a familiar signal that is readily understood as a danger signal.

The sound is more piercing and therefore less likely to be masked by ambient noise such as vehicle engines.



#### Tonal Back Up Alarm

- Compact size and universal mounting bracket. Maximises location options. Sealed in epoxy for protection against dust, moisture and vibration.
- 97 dB
- Multivolt 12-24 VDC
- Approvals: SAE J994 Type C, CE, R10, IP65  
Part No. 520



#### "SHHHH" Multi Frequency

The "Shhhh-Shhhh" Multi Frequency back up alarm is a newer sound that has been introduced as a warning signal in recent years.

The sound is perceived to be more directional. The sound is also perceived to dissipate more quickly outside the danger zone behind the vehicle.

The Multi Frequency back-up alarms provide a solution to worksite noise pollution created by beep tonal back-up alarms in confined or densely populated work areas by maintaining a safe warning signal for those in the danger zone of backing vehicles while minimising disturbance to work site team mates or neighbours.

Multi Frequency alarms are also known as squawker, broadband, or whitesound alarms.



#### Multi-Frequency Back Up Alarm

- Provides a solution to potential noise pollution created by Pure Tone back-up alarms in confined or densely populated work & residential areas. Sound is perceived to dissipate more quickly than a conventional pure-tone alarm.
- 97 dB
- Multivolt 12-24 VDC
- Approvals: SAE J994 Type C, CE, R10  
Part No. EA5200



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