

Reversing & Warning Alarms



Available Brochure

Reversing & Warning Alarms

Vital safety devices needed to warn workers and pedestrians that a vehicle is manoeuvring. Our range includes bbs-tek® white sound® alarms; smart alarms which adjust to the ambient noise level; and speaking alarms, which provide a real speech warning of imminent danger.

Which alarm is for you?

Heavy duty

For plant, quarry and construction machines or environments with high ambient noise.



Medium duty

Ideal for commercial road going vehicles and environments with mid-level ambient noise.



bbs-tek® white sound®

The safest alarms in the world due to their instant locatability and directional sound. The multi-frequency alarms are only heard in the danger zone, thus eliminating noise nuisance for local residents.



Model

Part No:

WHITE SOUND® SMART REVERSING ALARM



SA-BBS-107 - Self-adjusting heavy-duty - 87-107 Decibels

1400

- 12-24Vdc
- IP68
- Size (WxHxD)
172 x 79 x 95mm
- Lifetime warranty

Features

- Alarm continually adjusts to 5-10dB above ambient
- Multi-frequency broadband sound
- Instantly locatable
- Sound confined to danger area
- Eliminates noise nuisance
- Sounder unit: Driver
- Hole centres (mm): 153

Power

- Current: Max 1 Amp

Durability & standards

- Mechanical vibration: 10G
- Operating temperature: -40 to +85°C
- CE marked
- EMC approved: E
- SAE J994

WHITE SOUND® SMART REVERSING ALARM



SA-BBS-97 - Self adjusting - medium duty - 77-97 Decibels

1399

SA-BBS-97HV - Self adjusting - electric forklift - 77-97 Decibels

1398

- 12-24Vdc
- 36-80Vdc (HV)
- IP68
- Size (WxHxD)
127 x 76 x 65mm
- Lifetime warranty

Features

- Alarm continually adjusts to 5-10dB above ambient
- Multi-frequency white sound alarm
- Instantly locatable
- Sound confined to danger area
- Eliminates noise nuisance
- Sounder unit: Driver
- Hole centres (mm): 98-108

Power

- Current: Max 1 Amp

Durability & standards

- Mechanical vibration: 10G
- Operating temperature: -40 to +85°C
- CE marked
- EMC approved: E
- SAE J994
- NAS/PIEK approved for night-time delivery

WHITE SOUND® REVERSING ALARM



BBS-107 - Heavy duty - 107 Decibels

0899

BBS-102 - Heavy duty - 102 Decibels

0898

- 12-24Vdc
- IP68
- Size (WxHxD)
172 x 79 x 95mm
- Lifetime warranty

Features

- Multi-frequency broadband sound
- Instantly locatable
- Sound confined to danger area
- Eliminates noise nuisance
- Sounder unit: Driver
- Hole centres (mm): 153

Power

- Current: Max 1 Amps

Durability & standards

- Mechanical vibration: 10G
- Operating temperature: -40 to +85°C
- CE marked
- EMC approved: E
- SAE J994

Model

Part No:

WHITE SOUND® REVERSING ALARM



| | |
|-------------------------------------------|-------------|
| BBS-97 - Medium duty - 97 Decibels | 0935 |
| BBS-92 - Medium duty - 92 Decibels | 0934 |
| BBS-87 - Medium duty - 87 Decibels | 0897 |
| BBS-82 - Medium duty - 82 Decibels | 0896 |

- 12-24Vdc

- IP68

- Size (WxHxD)
105x65x37mm (BBS-97/92)
105x65x32mm
(BBS-87/82/77)

- Lifetime warranty

Features

- Multi-frequency broadband sound
- Instantly locatable
- Sound confined to danger area
- Eliminates noise nuisance
- Sounder unit: Speaker
- Hole centres (mm): 76

Power

- Current: Max 0.5 Amps

Durability & standards

- Mechanical vibration: 10G
- Operating temperature: -40 to +85°C
- CE marked
- EMC approved: E
- SAE J994
- NAS/PIEK approved for night-time delivery (BBS-82 & BBS-77 only)



WHITE SOUND® REVERSING ALARM



| | |
|---------------------------------------------------|-------------|
| BBS-92HV - Electric forklift - 92 Decibels | 1402 |
| BBS-82HV - Electric forklift - 82 Decibels | 1322 |
| BBS-92ADR - Petrol tanker - 92 Decibels | 2165 |

- 12-24Vdc

- 36-80Vdc (HV)

- IP68

- Size (WxHxD)
127 x 76 x 65mm

- Lifetime warranty

Features

- Multi-frequency broadband sound
- Instantly locatable
- Sound confined to danger area
- Eliminates noise nuisance
- Sounder unit: Speaker
- Hole centres (mm): 98-108

Power

- Current: Max 0.3 Amps

Durability & standards

- Mechanical vibration: 10G
- Operating temperature: -40 to +85°C
- CE marked
- EMC approved: E
- SAE J994



ADR version



alarms are covered by the following patents:

- AU2007200517
- EP1289798B2
- CN100488807C
- JP4798474B2
- NZ522190
- GB2345392C
- USRE44912

Model

Part No:

SPEAKING ALARM



BC-01HP - Single reversing message - 110 Decibels
BC-01HP(B) - Bespoke single message - 110 Decibels

0665
1199

- 12-24Vdc
- IP68
- Size (WxHxD)
116 x 115 x 117.5mm
- 2 year warranty

Features

- Real speech alarm
- * BC-01HP message "Ssh! Stand well clear, vehicle reversing..."
- Bespoke message up to 8 seconds, under 4 seconds for best speech quality
- Sounder unit: Speaker
- Hole centres (mm): 102

Power

- Current: 0.5 Amps

Durability & standards

- CE marked
- EMC approved: E

NIGHTSHIFT® SPEAKING ALARM



BC-01(NS) - Single reversing message - Nightshift - 90 or 0 Decibels
BC-01(NS-B) - Bespoke single message - Nightshift - 90 or 0 Decibels

0378
1198

- 12-24Vdc
- IP68
- Size (WxHxD)
122 x 84 x 50mm
- 2 year warranty

Features

- Real speech alarm
- * BC-01(NS) message "Ssh! Stand well clear, vehicle reversing..."
- Bespoke message up to 8 seconds, under 4 seconds for best speech quality
- Double engage reverse to cut-out or reduce sound
- Sounder unit: Speaker
- Hole centres (mm): 102

Power

- Current: 0.5 Amps

Durability & standards

- CE marked
- EMC approved: E

SPEAKING ALARM



BC-01 - Single reversing message - 90 Decibels
BC-01(B) - Bespoke single message - 90 Decibels
BC-02(B) - Bespoke dual message - 90 Decibels

0077
0079
0083

- 12-24Vdc
- IP68
- Size (WxHxD)
122 x 84 x 50mm
- 2 year warranty

Features

- Real speech alarm
- * BC-01 message "Ssh! Stand well clear, vehicle reversing..."
- Bespoke message up to 8 seconds, under 4 seconds for best speech quality
- Sounder unit: Speaker
- Hole centres (mm): 102

Power

- Current: 0.5 Amps

Durability & standards

- CE marked
- EMC approved: E

Model

Part No:

SPEAKING HANDBRAKE WARNING ALARM



2 wire version

BC-01(H/Brake) - Single message - 2 wire - 90 Decibels

0849

BC-01(4W)(H/Brake) - Single message 4 wire - 90 Decibels

1715

- 12-24Vdc
- IP68
- Size (WxHxD)
122 x 84 x 50mm
- 2 year warranty

Features

- Real speech alarm
- * Message "Bleep! Handbrake not applied..."
- Sounder unit: Speaker
- Hole centres (mm): 102

Power

- Current: 0.5 Amps

Durability & standards

- CE marked
- EMC approved: E

SPEAKING SIDE TURN WARNING ALARM



SS-BC-08 - Single side-turn message - 90 Decibels

1334

- 12-24Vdc
- IP68
- Size (WxHxD)
122 x 84 x 50mm
- 2 year warranty

Features

- Real speech alarm
- * Message "Ssh! Caution. Truck turning left..."
- Sounder unit: Speaker
- Hole centres (mm): 102

Power

- Current: 0.5 Amps

Durability & standards

- CE marked
- EMC approved: E

Note: TS-001ECU Turn indicator trigger is required 1362

SPEAKING ATTACK ALARM



BC-AA(BUS) - Single bus specific message - 110 Decibels

0064

BC-AA(B) - Single bespoke message - 110 Decibels

1465

- 12-24Vdc
- IP68
- Size (WxHxD)
116 x 115 x 117.5mm
- 2 year warranty

Features

- Real speech alarm
- Activated by panic button, repeats continuously until deactivated by hidden switch
- Sounder unit: Speaker
- Hole centres (mm): 48

Power

- Current: 0.5 Amps

Durability & standards

- CE marked
- EMC approved: E

Model

Part No:

VEHICLE INTERCOM



BC-VI - Normally open channel rear to cab; button press cab to rear
BC-VI-2 - Normally closed channel; button press communication

0815
0875

- 12-24Vdc
- IP68
- Size (WxHxD)
122 x 84 x 50mm
- 2 year warranty

Features

- Two-way communication system
- Master unit volume control: 80-95dB
- Includes master unit, slave unit and 25m cable
- Sounder unit: Speaker
- Hole centres (mm): 102

Power

- Current: 0.5 Amps

Durability & standards

- CE marked

ALARM ANCILLARIES



TCO-47 - Timed auto-reset Backalarm cut-out (dash mount)

0663

- 12-24Vdc
- 2 year warranty

Features

- Single touch timed relay
- Allows driver to cut-out alarm if reversing between the hours of 11.30pm-7.00am
- Auto-resets after 3-4 mins delay

Durability and Standards

- CE marked
- EMC approved

ALARM ANCILLARIES



TCO-47-01 - Latched Side-turn alarm cut-out (dash mount)

4752

- 12-24Vdc
- 2 year warranty

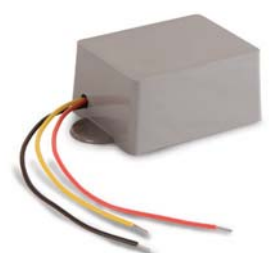
Features

- Single touch timed relay
- Allows driver to cut-out alarm between the hours of 11.30pm-7.00am
- Resets by switch or ignition

Durability and Standards

- CE marked
- EMC approved

ALARM ANCILLARIES



NS-2 - Nightshift Backalarm cut-out switch

0334

NS-3 - Nightshift Backalarm cut-out switch (auto gearbox)

0974

- 12-24Vdc
- IP68
- 2 year warranty

Features

- Double engage reverse to cut-out alarm
- Resets when reverse gear disengaged (longer time delay for NS-3)
- No wiring necessary to cab

Durability and Standards

- CE marked
- EMC approved