

## Certificate of Product Approval

Certificate Number: 042bs

Issue: 02

### Gent by Honeywell (Novar Systems Ltd)

140 Waterside Road,  
Hamilton Industrial Park,  
Leicester,  
LE5 1TN  
United Kingdom



#### Products

##### Alarm Warning Devices

S3-S-VAD-HPR-R, S3-S-VAD-HPR-W,  
S3-S-VAD-HPW-R, S3-V-VAD-HPW-R,  
S3-V-VAD-HPR-R, S3-S-VAD-HPW-W,  
S3EP-V-VAD-HPW-R, S3EP-V-VAD-HPR-R,  
S3-S-VAD-LPR-R, S3-S-VAD-LPW-R

(refer to Appendix for details)

#### Standards

**EN 54-3:2001 + A1:2002 + A2:2006**

**EN 54-17:2005**

**EN 54-23:2010**

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M McCullagh

Verifier

20 May 2015

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## Appendix to Certificate No: 042bs Gent by Honeywell (Novar Systems Ltd)

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Certified Product	Description	LPCB Ref.No.
S3-S-VAD-HPR-R	<p>S-Cubed Type A Red High Performance VAD Red Body Sounder with Short Circuit Isolator (S3-DB-R and S3-SB-R Bases)</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>Meets the requirements of EN 54-3 at the following sounder tone settings:               <ol style="list-style-type: none"> <li>Intermittent tone 970Hz @ 1Hz</li> <li>Alternating tone 730/970Hz @ 2Hz</li> <li>Continuous tone 970Hz</li> </ol> </li> <li>Meets the requirements of EN 54-23 at the following power settings:               <ul style="list-style-type: none"> <li>Low red output</li> <li>Medium red output</li> <li>High red output</li> </ul> </li> <li>The wall mounted Visual Alarm Device (VAD) meets the requirements of EN 54-23 for the following light pattern details:               <ul style="list-style-type: none"> <li>High Performance setting – (Category W: W-6.7-14)</li> <li>Medium Performance setting – (Category W: W-6.5-12.5)</li> <li>Low Performance setting – (Category W: W-5-9.5)</li> <li>Synchronization</li> <li>Flash rate 2 seconds (0.5Hz)</li> </ul> </li> </ol>	042bs/01
S3-S-VAD-HPR-W	<p>S-Cubed Type A Red High Performance VAD White Body Sounder with Short Circuit Isolator (S3-DB-W and S3-SB-W Bases)</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>Meets the requirements of EN 54-3 at the following sounder tone settings:               <ol style="list-style-type: none"> <li>Intermittent tone 970Hz @ 1Hz</li> <li>Alternating tone 730/970Hz @ 2Hz</li> <li>Continuous tone 970Hz</li> </ol> </li> <li>Meets the requirements of EN 54-23 at the following power settings:               <ul style="list-style-type: none"> <li>Low red output</li> <li>Medium red output</li> <li>High red output</li> </ul> </li> <li>The wall mounted Visual Alarm Device (VAD) meets the requirements of EN 54-23 for the following light pattern details:</li> </ol>	042bs/02

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	<ul style="list-style-type: none"> <li>- High Performance setting – (Category W: W-6.7-14)</li> <li>- Medium Performance setting – (Category W: W-6.5-12.5)</li> <li>- Low Performance setting – (Category W: W-5-9.5)</li> <li>- Synchronization</li> <li>- Flash rate 2 seconds (0.5Hz)</li> </ul>	
S3-S-VAD-HPW-R	<p>S-Cubed Type A White High Performance VAD Red Body Sounder with Short Circuit Isolator (S3-DB-R and S3-SB-R Bases)</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>1. Meets the requirements of EN 54-3 at the following sounder tone settings:               <ol style="list-style-type: none"> <li>1. Intermittent tone 970Hz @ 1Hz</li> <li>2. Alternating tone 730/970Hz @ 2Hz</li> <li>3. Continuous tone 970Hz</li> </ol> </li> <li>2. Meets the requirements of EN 54-23 at the following power settings:               <ul style="list-style-type: none"> <li>- Low white output</li> <li>- Medium white output</li> <li>- High white output</li> </ul> </li> <li>3. The wall mounted Visual Alarm Device (VAD) meets the requirements of EN 54-23 for the following light pattern details:               <ul style="list-style-type: none"> <li>- High Performance setting – (Category W: W-5-12.5)</li> <li>- Medium Performance setting – (Category W: W-4.5-11.3)</li> <li>- Low Performance setting – (Category W: W-3-8.5)</li> <li>- Synchronization</li> <li>- Flash rate 2 seconds (0.5Hz)</li> </ul> </li> </ol>	042bs/03
S3-V-VAD-HPW-R	<p>S-Cubed Type A White High Performance VAD Red Body Voice Sounder with Short Circuit Isolator (S3-DB-R and S3-SB-R Bases)</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>1. Meets the requirements of EN 54-3 at the following sounder tone and speech settings:               <ol style="list-style-type: none"> <li>1. Intermittent tone 970Hz @ 1Hz (Speech Message 3)</li> <li>2. Alternating tone 730/970Hz @ 2Hz (Speech Message 5)</li> <li>3. Continuous tone 970Hz</li> </ol> </li> </ol>	042bs/04

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Certified Product	Description	LPCB Ref.No.
	<ol style="list-style-type: none"> <li>2. Meets the requirements of EN 54-23 at the following power settings:                             <ul style="list-style-type: none"> <li>- Low white output</li> <li>- Medium white output</li> <li>- High white output</li> </ul> </li> <li>3. The wall mounted Visual Alarm Device (VAD) meets the requirements of EN 54-23 for the following light pattern details:                             <ul style="list-style-type: none"> <li>- High Performance setting – (Category W: W-5-12.5)</li> <li>- Medium Performance setting – (Category W: W-4.5-11.3)</li> <li>- Low Performance setting – (Category W: W-3-8.5)</li> <li>- Synchronization</li> <li>- Flash rate 2 seconds (0.5Hz)</li> </ul> </li> </ol>	
S3-V-VAD-HPR-R	<p>S-Cubed Type A Red High Performance VAD Red Body Voice Sounder with Short Circuit Isolator (S3-DB-R and S3-SB-R Bases)</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>1. Meets the requirements of EN 54-3 at the following sounder tone and speech settings:                             <ol style="list-style-type: none"> <li>1. Intermittent tone 970Hz @ 1Hz (Speech Message 3)</li> <li>2. Alternating tone 730/970Hz @ 2Hz (Speech Message 5)</li> <li>3. Continuous tone 970Hz</li> </ol> </li> <li>2. Meets the requirements of EN 54-23 at the following power settings:                             <ul style="list-style-type: none"> <li>- Low red output</li> <li>- Medium red output</li> <li>- High red output</li> </ul> </li> <li>3. The wall mounted Visual Alarm Device (VAD) meets the requirements of EN 54-23 for the following light pattern details:                             <ul style="list-style-type: none"> <li>- High Performance setting – (Category W: W-6.7-14)</li> <li>- Medium Performance setting – (Category W: W-6.5-12.5)</li> <li>- Low Performance setting – (Category W: W-5-9.5)</li> <li>- Synchronization</li> <li>- Flash rate 2 seconds (0.5Hz)</li> </ul> </li> </ol>	042bs/05

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S3-S-VAD-HPW-W	S-Cubed Type A White High Performance VAD White Body Sounder with Short Circuit Isolator (S3-DB-W and S3-SB-W Bases)  Notes: <ol style="list-style-type: none"> <li>Meets the requirements of EN 54-3 at the following sounder tone settings:               <ol style="list-style-type: none"> <li>Intermittent tone 970Hz @ 1Hz</li> <li>Alternating tone 730/970Hz @ 2Hz</li> <li>Continuous tone 970Hz</li> </ol> </li> <li>Meets the requirements of EN 54-23 at the following power settings:               <ul style="list-style-type: none"> <li>Low white output</li> <li>Medium white output</li> <li>High white output</li> </ul> </li> <li>The wall mounted Visual Alarm Device (VAD) meets the requirements of EN 54-23 for the following light pattern details:               <ul style="list-style-type: none"> <li>High Performance setting – (Category W: W-5-12.5)</li> <li>Medium Performance setting – (Category W: W-4.5-11.3)</li> <li>Low Performance setting – (Category W: W-3-8.5)</li> <li>Synchronization</li> <li>Flash rate 2 seconds (0.5Hz)</li> </ul> </li> </ol>	042bs/06
S3EP-V-VAD-HPW-R	S-Cubed Type A White High Performance VAD Red Body Voice Sounder with Short Circuit Isolator (Back Box)  Notes: <ol style="list-style-type: none"> <li>Meets the requirements of EN 54-3 at the following sounder tone and speech settings:               <ol style="list-style-type: none"> <li>Intermittent tone 970Hz @ 1Hz (Speech Message 3)</li> <li>Alternating tone 730/970Hz @ 2Hz (Speech Message 5)</li> <li>Continuous tone 970Hz</li> </ol> </li> <li>Meets the requirements of EN 54-23 at the following power settings:               <ul style="list-style-type: none"> <li>Low white output</li> <li>Medium white output</li> <li>High white output</li> </ul> </li> <li>The wall mounted Visual Alarm Device (VAD) meets the requirements of EN</li> </ol>	042bs/07

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	54-23 for the following light pattern details: <ul style="list-style-type: none"> <li>- High Performance setting – (Category W: W-5-12.5)</li> <li>- Medium Performance setting – (Category W: W-4.5-11.3)</li> <li>- Low Performance setting – (Category W: W-3-8.5)</li> <li>- Synchronization</li> <li>- Flash rate 2 seconds (0.5Hz)</li> </ul>	
S3EP-V-VAD-HPR-R	S-Cubed Type A Red High Performance VAD Red Body Voice Sounder with Short Circuit Isolator (Back Box) Notes: 1. Meets the requirements of EN 54-3 at the following sounder tone and speech settings: <ol style="list-style-type: none"> <li>1. Intermittent tone 970Hz @ 1Hz (Speech Message 3)</li> <li>2. Alternating tone 730/970Hz @ 2Hz (Speech Message 5)</li> <li>3. Continuous tone 970Hz</li> </ol> 2. Meets the requirements of EN 54-23 at the following power settings: <ul style="list-style-type: none"> <li>- Low red output</li> <li>- Medium red output</li> <li>- High red output</li> </ul> 3. The wall mounted Visual Alarm Device (VAD) meets the requirements of EN 54-23 for the following light pattern details: <ul style="list-style-type: none"> <li>- High Performance setting – (Category W: W-6.7-14)</li> <li>- Medium Performance setting – (Category W: W-6.5-12.5)</li> <li>- Low Performance setting – (Category W: W-5-9.5)</li> <li>- Synchronization</li> <li>- Flash rate 2 seconds (0.5Hz)</li> </ul>	042bs/10
S3-S-VAD-LPR-R	S-Cubed Type A Red Standard Performance VAD Red Body Sounder with Short Circuit Isolator (S3-DB-R and S3-SB-R Bases) Notes: 1. Meets the requirements of EN 54-3 at the following sounder tone settings: <ol style="list-style-type: none"> <li>1. Intermittent tone 970Hz @ 1Hz</li> <li>2. Alternating tone 730/970Hz @ 2Hz</li> </ol>	042bs/11

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	<ol style="list-style-type: none"> <li>3. Continuous tone 970Hz</li> <li>2. The wall mounted Visual Alarm Device (VAD) meets the requirements of EN 54-23 for the following light pattern details:                             <ul style="list-style-type: none"> <li>- Low Performance setting – (Category W: W-3-8.5)</li> <li>- Synchronization</li> <li>- Flash rate 2 seconds (0.5Hz)</li> </ul> </li> </ol>	
S3-S-VAD-LPW-R	<p>S-Cubed Type A White Standard Performance VAD Red Body Sounder with Short Circuit Isolator (S3-DB-R and S3-SB-R Bases)</p> <p>Notes:</p> <ol style="list-style-type: none"> <li>1. Meets the requirements of EN 54-3 at the following sounder tone settings:                             <ol style="list-style-type: none"> <li>1. Intermittent tone 970Hz @ 1Hz</li> <li>2. Alternating tone 730/970Hz @ 2Hz</li> <li>3. Continuous tone 970Hz</li> </ol> </li> <li>2. The wall mounted Visual Alarm Device (VAD) meets the requirements of EN 54-23 for the following light pattern details:                             <ul style="list-style-type: none"> <li>- Low Performance setting – (Category W: W-3-8.5)</li> <li>- Synchronization</li> <li>- Flash rate 2 seconds (0.5Hz)</li> </ul> </li> </ol>	042bs/12

### Product Extras

#### Bases:

Shallow Base

Deep Base

S3-DB-R	S Cubed Deep Base – Red
S3-DB-W	S Cubed Deep Base – White
S3-SB-R	S Cubed Shallow Base – Red
S3-SB-W	S Cubed Shallow Base – White

Back Box

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