



# **AutroSafe Sound and Pulse Pattern 4.11.5**

## **Guide**



COPYRIGHT ©

This publication, or parts thereof, may not be reproduced in any form, by any method, for any purpose.

Autronica Fire and Security AS and its subsidiaries assume no responsibility for any errors that may appear in the publication, or for damages arising from the information in it. No information in this publication should be regarded as a warranty made by Autronica Fire and Security AS. The information in this publication may be updated without notice.

Product names mentioned in this publication may be trademarks. They are used only for identification.

# Table of Contents

<b>1. Introduction.....</b>	<b>2</b>
<b>2. New user interface.....</b>	<b>2</b>
<b>3. Configurable options.....</b>	<b>4</b>
<b>4. Warning .....</b>	<b>5</b>

# 1. Introduction

---

In AutoSafe 4.11.5.0 new functionality is added for the configuration of Sounders/FADs.

Sounders/FADs are divided into three generations:

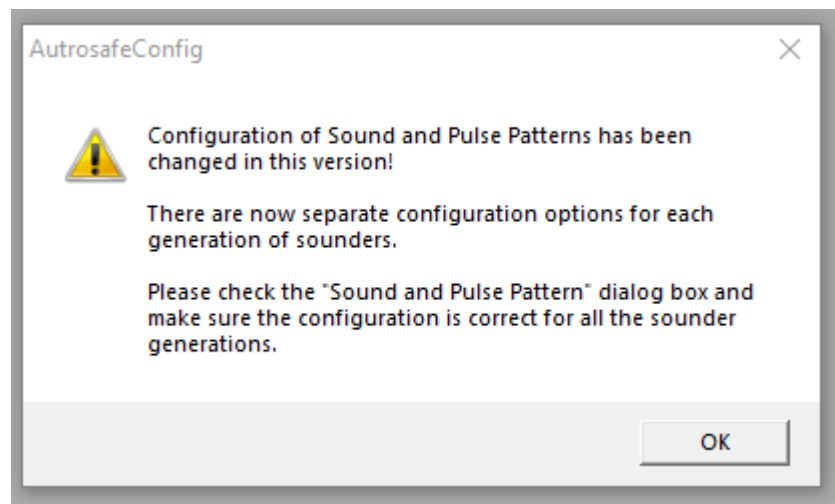
- 1.st Generations include BBR-110/200, Bells on BSB-310 and Silence and reset out in BSJ-310
- 2.nd Generation includes BBR/BBQ-130/230 and BN-307
- 3.rd Generation is AutoGuard with Sounder/FAD

This changes will have no impact on beacons on BBL-100, BBR/BBQ-130/230 and AutoGuard.

## 2. New user interface

---

Every older configuration opened in the AutoSafe Configuration tool 4.11.5 will start with this message box:



When this message box is closed, the new Sound and Pulse Pattern dialog is automatically opened:

Sound and Pulse Patterns ✕

---

BBR-110/200, BSB-310, BSJ-310

	Tone:	Resolution:	1	4	8	12	16	Delay (sec):
General alarm:	Continuous	Each button = 0.5 sec.	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="text" value="2"/>
Evacuate:	Continuous	Each button = 0.5 sec.	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="text" value="0"/>
Alert:	Continuous	Each button = 0.5 sec.	<input type="checkbox"/> ON <input type="checkbox"/> OFF	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="text" value="0"/>
Silence Out:	Continuous	Each button = 0.5 sec.	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="text" value="255"/>
Reset out:	Continuous	Each button = 0.5 sec.	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="text" value="255"/>

BBR/BBQ-130/230, BN-307

	Tone:	Resolution:	1	4	8	12	16	Delay (sec):
General alarm:	Continuous	Each button = 1.0 sec.	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="text" value="3"/>
Evacuate:	Alternating	Each button = 0.5 sec.	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="text" value="0"/>
Alert:	Continuous	Each button = 0.5 sec.	<input type="checkbox"/> ON <input type="checkbox"/> OFF	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="text" value="0"/>

Warning: Units with firmware version 1.4 and earlier does not support the "Alternating" tone and will stay silent when activated!

AutoGuard

	Tone:	Resolution:	1	4	8	12	16	Delay (sec):
General alarm:	Continuous 915	Each button = 0.5 sec.	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> ON	<input type="text" value="3"/>
Evacuate:	Alternating 730 & 915 2Hz	Each button = 0.5 sec.	<input type="checkbox"/> ON <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> OFF	<input type="text" value="0"/>
Alert:	Continuous 915	Each button = 0.5 sec.	<input type="checkbox"/> ON <input type="checkbox"/> OFF	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="checkbox"/> ON <input type="checkbox"/> ON	<input type="checkbox"/> OFF <input type="checkbox"/> OFF	<input type="text" value="0"/>

Closing this dialog will change the Sound and Pulse Patterns in the actual configuration according to choices in the dialog.

Make sure that the settings are correct. The settings can be changed at a later stage by opening Tools > Sound And Pulse Pattern.

### 3. Configurable options

Unit	Tone	Resolution & Delay	Resolution 0,5 sec	Resolution 1 sec	Delay (last pulse)
BBR-110/200, BSB-310, BSJ-310	Continuous	<b>Yes</b>	√		√
	Continuous	Yes	√	√	√
BBR/BBQ-130/230	Alternating	No			
	Slow Whoop	No			
BN-307	Continuous	Yes	√	√	√
	Alternating	Yes	√	√	√
	Slow Whoop	Yes	√	√	√
AutroGuard	Continuous 915	<b>Yes</b>	√	√	√
	Dutch Slow Whoop 500-1200	<b>No</b>			
	Alternating 730 & 915 HZ	<b>No</b>			
	Continuous 3650	<b>Yes</b>	√	√	√
	Whoop 800-970 1 HZ	<b>No</b>			
	Whoop 800-970 7 HZ	<b>No</b>			
	Continuous 1850	<b>Yes</b>	√	√	√
	DIN Tone 1200-500 1Hz	<b>No</b>			
	Swedish all clear	<b>Yes</b>	√	√	√
	Imminent Danger 457	<b>No</b>			
	Imminent Danger 915	<b>No</b>			
	Whoop 1800 - 3600 7 HZ	<b>No</b>			
	Alternating 2872 & 3600 1 HZ	<b>No</b>			
	Whoop 1800 - 3600 1 HZ	<b>No</b>			
	Whoop 800-970 0,67 HZ	<b>No</b>			
DIN Tone 3600 - 1800 1Hz	<b>No</b>				

Units with **No** in Resolution & Delay will neither be affected by resolution, pattern nor delay.

Values in delay will prolong the last button in the pattern with the actual value. Valid values are 0-255 (255=Infinite).

Note: "Swedish all clear" is Continuous 457 HZ. Pattern is 15 second Off 30 second On. To obtain this, use Resolution 1 second, buttons 0000000000000001 (1=On, 0=Off) and delay 29.

Be aware that the first sound Pulse might be shorter than 30 seconds (as short as 1 second). Then there will be 15 seconds of silent followed by 30 seconds sound.

Example1:

	Unit	Tone	Resolution	Buttons	Delay
<b>Evacuate</b>	BBR/BBQ-130/230 BN-307	Slow Whoop	Each button = 0,5 sec.	1111111111111111 (1=On, 0=Off)	0
<b>Output Results:</b>	<ul style="list-style-type: none"> <li>BBR/BBQ-130/230 sound Slow Whoop (Whoop 3,5 sec and 0,5 sec off)</li> <li>BN-307 Continuous ON (Follows Resolution, Pattern and Delay)</li> </ul>				

Example2:

No BBR/BBQ-130/230 in the configuration

	Unit	Tone	Resolution	Buttons	Delay
<b>Evacuate</b>	AutroGuard	Alternating 730 & 915 2Hz	Each button= 0,5 sec.	01010101010101 (1=On, 0=Off)	0
<b>Evacuate</b>	BN-307	Alternating	Each button= 1 sec.	01010101010101 (1=On, 0=Off)	3
<b>Output Results:</b>	<ul style="list-style-type: none"> <li>AutroGuard sounds Alternating 730 &amp; 915 2Hz (Regardless of Resolution, Pattern and Delay)</li> <li>BN-307 sounds 7x (1 Sec On and 1 sec Off) then 4 Sec ON (the last button (On) is delayed (prolonged) with 3 Sec) and then repeated.</li> </ul>				

## 4. Warning

---

BBR/BBQ-130/230 with firmware version 1.4 and earlier does not support "Alternating" Tone, and will stay silent when activated. Setting all buttons Off on Tones which are affected by this will cause a silent FAD.



*Our vision*

**Z e r o   l o s s   o f   l i v e s**  
no injuries or damages caused by fire and gas

[www.autronicafire.com](http://www.autronicafire.com)

*Carrier*

**Autronica Fire and Security AS**

---

A C a r r i e r C o m p a n y