



Alarm lamp with horn

MANUAL



Type

Product name:	SENECT® Alarm lamp with horn
Type:	VIS-LED-AK-SC
Art.-No.:	3210
Producer:	SENECT GmbH & Co. KG An 44 – Nr. 11 76829 Landau / Germany

Important note:

Please read this manual carefully and store it so that you can use it later. Read the warning and safety notes attentive.

More information and latest software releases or documents can be downloaded from:

www.senect.de

Further information, application descriptions and answers to frequently asked questions can be also found on the SENECT Forum:





<http://forum.senect.de>

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Used symbols and wording

	<p><i>DANGER!</i></p> <p>Warning of life threatening dangers.</p> <p><i>WARNING!</i></p> <p>Warning of possible life threatening and / or severe irreversible injuries.</p> <p><i>ATTENTION!</i></p> <p>Warning of possible medium or slight injury.</p>
	<p><i>ATTENTION!</i></p> <p>Follow the notes to avoid damage of equipment</p>
	<p><i>NOTE!</i></p> <p>Further information for the use of the device!</p>
	<p><i>ATTENTION!</i></p> <p>Warning of electrical shock.</p>

General Security Notes

The alarm lamp is an electric device designed for visually and acoustically alarming the user of the SENECT control units in case of the occurrence of a user-defined alarm.



Since it is an electric product the common prerequisites for a safe instrument usage must be fulfilled. Ensure that all cables are installed safely so that no obstacles for persons are built and all. Mount all cables and electric devices protected against direct environmental impacts like overheating by direct sunlight and water. Even if the product is protected against spray water, the product's lifetime will be elongated, if it is mounted on a protected place.

The operating temperature of the device must be between minus 25°C and plus 75°C.

The device is designed to be operated by professional users. It can be also operated by children over the age of 8 years and persons with limited physical, sensorial or cognitive ability, if they are supervised, trained in the operation of the device, able to operate the device safely and if they understand potential risks resulting from the operation. It is for children or persons with limited physical, sensorial or

cognitive ability not allowed to perform any maintenance works.

Please store this manual. We suggest the storage a copy of the manual in the vicinity of the device.

Technical and optical changes of this manual are subject to alterations.

Intended use

The alarm lamp is an electric device designed for visually and acoustically alarming the user of the SENECT control units in case of the occurrence of a user-defined alarm.

The alarm lamp is developed for the use in industrial aquaculture applications.

Getting started

Scope of delivery

- 1 x Alarm lamp with horn
- 1 x Manual

Note



Please check directly after delivery, that the package is not destroyed or damaged or was opened before. Please check also, that all parts as

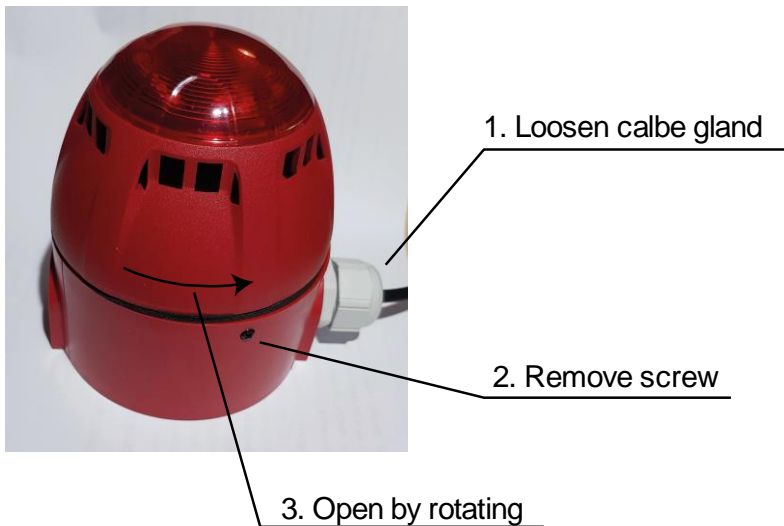
listed above are included. If anything is missing or broken, please contact us as soon as possible within 14 days. Unfortunately, we cannot accept later information of damage, which happened during the transport.

Installation and start-up



Mount the alarm lamp at a place in the vicinity of your control unit where you can see it best.

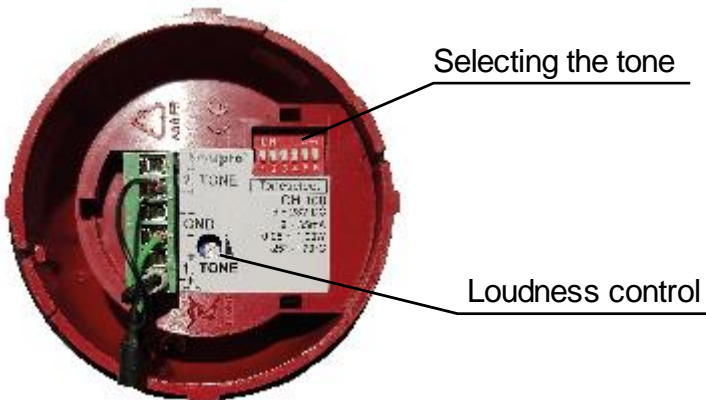
To mount the alarm lamp, the upper part of the housing must be opened by rotating this part against the bottom part.



Getting started

In the bottom part, there are several deepening where mounting holes can be drilled. Mount the bottom part with screws through these holes on the desired location.

You can now also select the desired tone type and adjust the loudness.



Close the housing, tighten the cable gland and insert back the screw.

Connect the green plug of the alarm lamp to one of the SENECT controllers actuator output ports („OUT“).

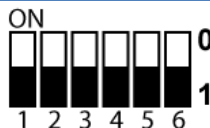
Select the function „Alarm“ for this output port in the menu of the controller. Now, the alarm lamp will be switched on in case the controller detects an alarm. You can define the alarm setting at each sensor under „Alarm thresholds“.

Getting started – short version

1. Open housing by removing the screw, loosening the cable gland and rotation of the two housing parts.
2. Drill holes through the bottom part.
3. Mount the bottom part.
4. Select tone type and loudness.
5. Close the housing.
6. Connect cable to controller (actuator plug „OUT“).
7. Select the function „Alarm“ this output port.

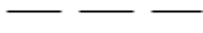




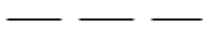



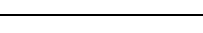





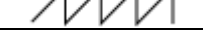
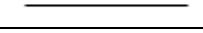
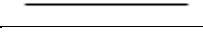
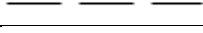
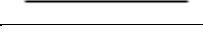
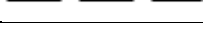
Now, the alarm lamp is ready to be used.

Tone selection table



DIP-Positions	Description	Frequency [Hz]	Time	Pattern	Application
000000	Up- and downswelling	150 to 1000 to 150	10 s – 40 s – 10 s		Hoechst
000001	alternating	800 & 970	2 Hz		BS Fire
000010	Upswing	800 to 970	7 Hz		BS Fire
000011	Upswing	800 to 970	1 Hz		BS Fire
000100	Permanent sound	2850	Steady		
000101	Upswing	2400 to 2850	7 Hz		
000110	Upswing	2400 to 2850	1 Hz		
000111	Upswing	300 to 1200	3 s increasing, 0.5 s silence, repetition		Netherlands Fire (NEN2575)
001000	Downswelling	1200 to 500	1 Hz		German Fire (DIN 33404)
001001	Alternating	2400 & 2850	2 Hz		
001010	Interrupted	970	0.5 Hz		
001011	Alternating	800 & 970	1 Hz		
001100	Interrupted	2850	0.5 Hz		
001101	Interrupted	970	0.8 Hz		
001110	Permanent sound	970	Steady		PFEER toxic gas
001111	Alternating	554 & 440	100 ms – 400 ms		France Fire (NFS 32-001)
010000	Interrupted	660	3.3 Hz		Sweden Air Raid

Tone selection table

010001	Interrupted	660	0.28 Hz		Sweden local warning
010010	Interrupted	660	0.05 Hz		Sweden pre-mess
010011	Permanent sound	660	Steady		Sweden all clear
010100	Alternating	554 & 440	0.5 Hz		Sweden turn out
010101	Interrupted	660	1 Hz		Sweden general
010110	Interrupted	2850	4 Hz		Pelican crossing
010111	Upswing	800 to 970	50 Hz		BS fire
011000	Upswing	2400 to 2850	50 Hz		
011001	Interrupted	970	3 x 500 ms pulse, 1.5 s pause		ISO 8021
011010	Interrupted	2850	3 x 500 ms pulse, 1.5 s pause		ISO 8021
011011	Permanent sound	4000	Steady		ISO 8021
011100	Alternating	800 & 970	2 Hz		BS Fire
011101	Alternating	990 & 650	2 Hz		BS Fire
011110	Alternating	510 & 610	2 Hz		BS Fire
011111	Upswing	300 to 1200	1 Hz		
100000	Permanent sound	4000	Steady		BS Fire
100001	Permanent sound	990	Steady		
100010	Interrupted	990	1 Hz		
100011	Permanent sound	510	Steady		
100100	Interrupted	510	1 Hz		
100101	Permanent sound	850	Steady		

Technical data

Dimensions housing:	Ø 90 x 97 / 108 mm
Material:	ABS
Cable length:	5 m
Voltage:	24 V DC
Power consumption:	1,2 W
Temperature range:	-25°C to +70°C
Ingress protection:	IP65

Information about the correct disposal



Your device is well packed at delivery. Please dispose the packaging material accordingly to the regulations in your country.

Do not throw the product in the casual litter bin. Make sure you are informed about the local disposal regulations and dispose your product accordingly. Alternatively, you can also send the product back to the producer.

The SENECT GmbH & Co. KG is member of the Stiftung Elektro-Altgeräte Register and the products are registered (WEEE-Reg.-Nr.: DE37193510).

Guarantee



Please check at delivery of your device, that all parts are delivered completely and that they function correctly. In case of any claims, contact us immediately per email or phone (info@senect.de or +49-6341 - 95 95 210). Please describe your claim as detailed as possible so that we can provide a solution as fast as possible. The product has a guarantee of 1 year and a warranty of 2 years. Furthermore, the § 377 HBG (German law) is valid.