



Nova Series Intelligent Addressable Type Flasher & Sounders¹ User's Guide

**NOVA-AS
Addressable Sounder
with Isolator**

**NOVA-AB
Addressable Flasher
with Isolator**

**NOVA-ASB
Addressable Flasher
& Sounder with
Isolator**

**WARNING: PLEASE USE THIS INSTRUCTION CAREFULLY
PRIOR TO OPERATING OR COMMISSIONING THIS DEVICE**

¹ THIS PRODUCT HAS EN54-3, EN54-23, EN54-17 STANDARDS

1. Usage Purpose

- It is designed for systems that have EN54-3, EN54-23 and EN54-17 standards and use ELEKS protocol.
- It can only be used indoors. It is wall type.
- Fire Alarm Sounders must be placed in places where they can be heard from all possible places, in accordance with the Fire Evacuation Plan, in order to work properly.
- Selection of the mounting location and commissioning should be done by authorized technical service.
- When the product is energized, it works without a trigger.
- 2X1.5mm cable should be used.

2. Technical Specifications

	Nova-AS	Nova-AB	Nova-ASB
Supply voltage	24V DC Typical	24V DC Typical	24V DC Typical
Alarm Current	<10mA	<20mA	<22mA
Class	Type A (In door)	Type A (In door)	Type A (In door)
Volume Max.	105 ± 2 dB/m (A)	-	105 ± 2 dB/m (A)
Volume Min.	74 ± 2 dB/m (A)	-	74 ± 2 dB/m (A)
Sound Pattern	8 Tones 32 Melodies	-	8 Tones 32 Melodies
Lighting Area ²	-	W ³ -2.4 ⁴ -4.5.5 ⁵	W -2.4 -4.5.5
Protection Class	IP44	IP44	IP44
Housing Material	ABS-FR	ABS-FR	ABS-FR
Operating temperature	(-10 ⁰ C)-(+55 ⁰ C)	(-10 ⁰ C)-(+55 ⁰ C)	(-10 ⁰ C)-(+55 ⁰ C)
Relative Humidity (Max.)	95%	95%	95%
Weight	160gr	170gr	190gr
Dimensions	Ø: 90mm h: 75mm	Ø: 90mm h: 75mm	Ø: 90mm h: 75mm

3. Mounting Instructions:

1. Drill the bottom case (Figure 1) into the cable slot (point a) and pass the Loop cables through it.
2. Perform wall mounting according to the dimensions of the wall mounting points.
3. Make the connection in the upper case (Figure 3(a)) in accordance with the terminal connection.
4. Insert the Upper case (Fig. 3(a)) into the Lower case (Fig. 3(b)) with the notches shown in the figure.
5. Turn the upper case counterclockwise.

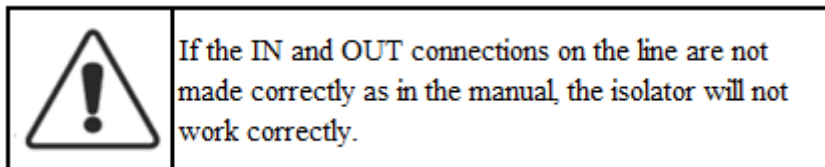
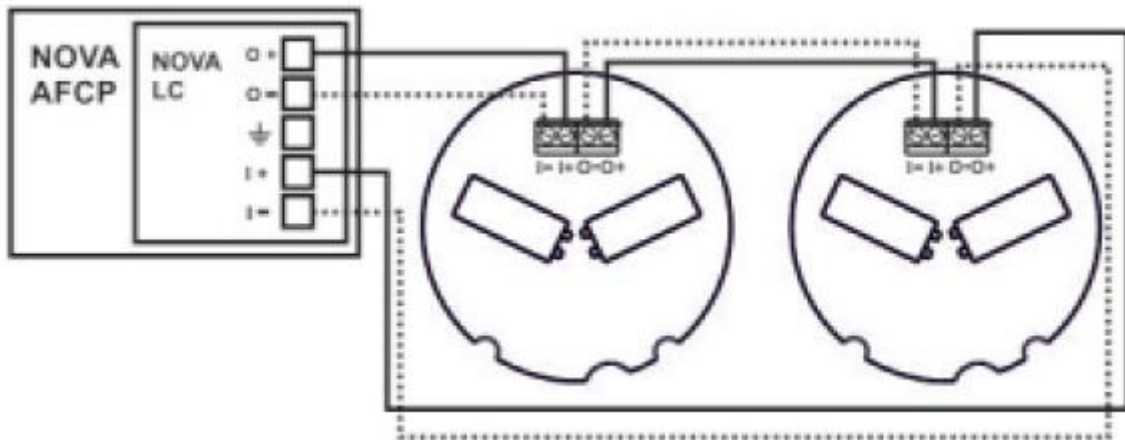
² According to EN54-23, the ambient dimensions illuminated by the light source are specified (Figure 4).

³ W: Can be mounted on the wall.

⁴ -2.4: It can be installed at a maximum height of 2.4 meters from the ground.

⁵ -4.5.5: It can be used in a room of 4.5x5 meters at most.

6. Screw with ysb plastic 2,5X6.5 mm screw and gasket on the lower case.



Light and Sound settings

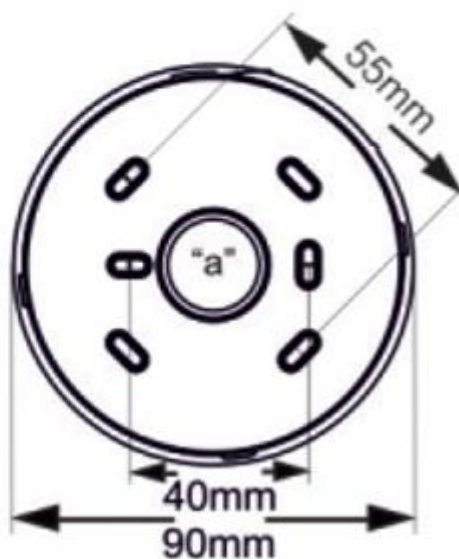
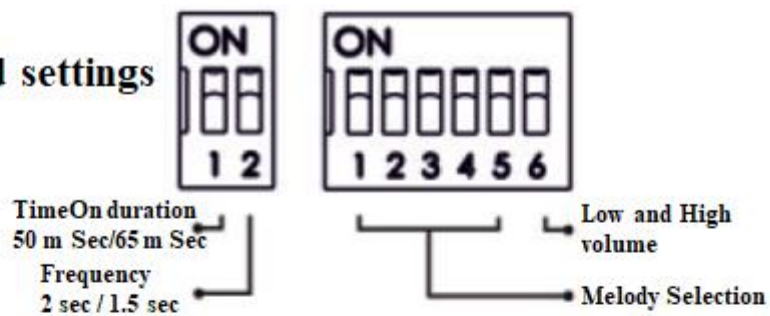


Figure 1

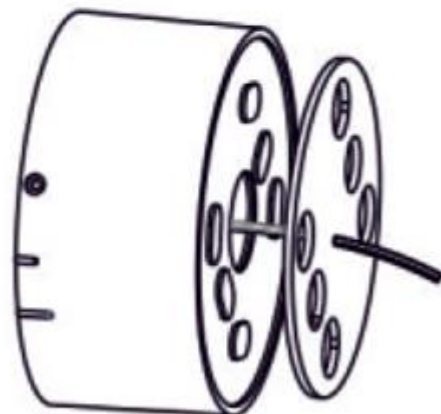


Figure 2

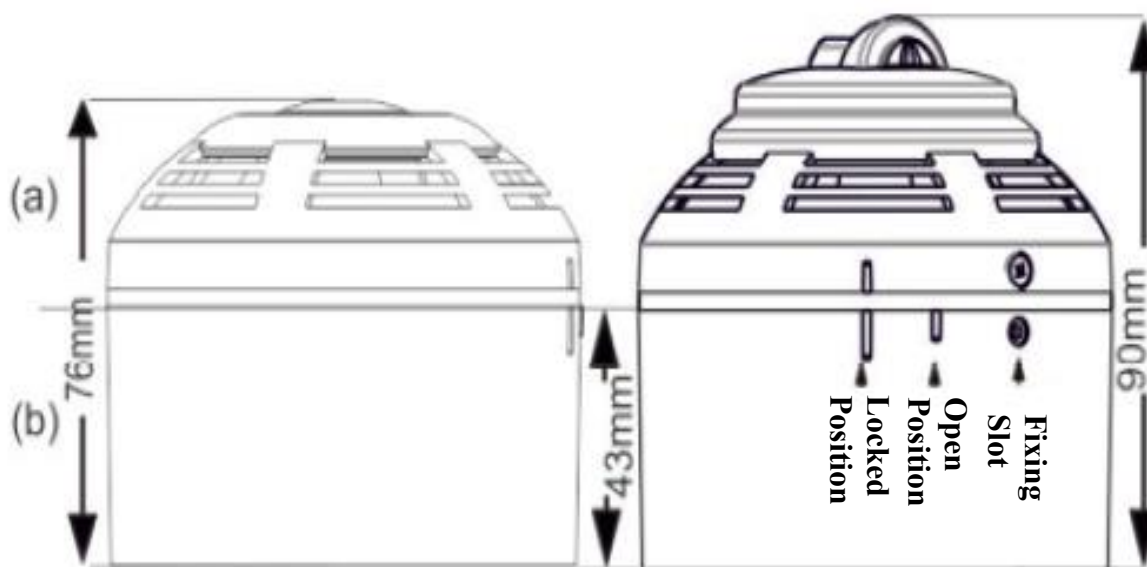


Figure 3

4. Warnings

Make sure the Loop connections are correct.

Make sure to perform Periodic Maintenance.

Call the authorized service for annual service.

Avoid contacting with water, dust and chemicals and do not touch it with wet hands.

The plastic enclosure should remain attached until the product is ready for use.

The warranty period of the product is 2 (two) years. The life of the product, as specified by the Ministry, is 5 years.

5. Light Switch Configuration

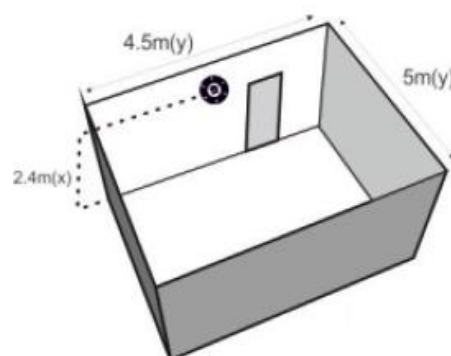
The flashing settings applicable to the AB and ASB models are shown below.

The product is suitable for use for the room dimensions specified in Figure 4 in every dip switch setting.

Table 1

	Deep Switch		On Time	Period
	1	2		
1	0	0	65 msn	1,5 sec
2	0	1	65 msn	2,0 sec
3	1	0	50 msn	1,5 sec
4	1	1	50 msn	2,0 sec

Figure 4



6. Audio Switch Configuration

	Dip Switch	Sound Melody	Low (dB/m) ⁶	High (dB/m) ⁷
1	0-0-0-0-0		58,4	101
2	0-0-0-0-1		83	97,6
3	0-0-0-1-0		81	94
4	0-0-0-1-1		80,1	93,3
5	0-0-1-0-0		79	91,3
6	0-0-1-0-1		85,1	98
7	0-0-1-1-0		87,1	103,6
8	0-0-1-1-1		83,4	98,1
9	0-1-0-0-0		80,1	93,3
10	0-1-0-0-1		82,4	97,8
11	0-1-0-1-0		84,1	96,8
12	0-1-0-1-1		74	88,5
13	0-1-1-0-0		91	105
14	0-1-1-0-1		85,6	101
15	0-1-1-1-0		85,9	102
16	0-1-1-1-1		84,5	99,5
17	0-0-0-0-0		87,4	102,5
18	1-0-0-0-1		90,2	104,1
19	1-0-0-1-0		89,9	101,4
20	1-0-0-1-1		84,4	99,8
21	1-0-1-0-0		83,4	97,6
22	1-0-1-0-1		86	97,2
23	1-0-1-1-0		85,3	102,8
24	1-0-1-1-1		86,3	101,6
25	1-1-0-0-0		84,6	101,4
26	1-1-0-0-1		89,6	103,4
27	1-1-0-1-0		88,1	102,1
28	1-1-0-1-1		84,8	94,8
29	1-1-1-0-0		84,2	96,1
30	1-1-1-0-1		86,6	95,2
31	1-1-1-1-0		87,5	100,2
32	1-1-1-1-1	Demo Mode	90,2	105

⁶ If the Pin is at 0

⁷ If the Pin is at 0

Warranty Certificate

1. The warranty period starts from the delivery date and is 2 (two) years.
2. The entire product, including all parts, is under the guarantee of our company.
3. In case of malfunction of the product within the warranty period, the period of repair is added to the warranty period. The repair period of the goods is maximum 30 (thirty) business days. This period starts from the date of notification of the goods to the service station, or to one of the seller, dealer, agency, representative, exporter or manufacturer, respectively, if there is no service station.
4. In case of malfunction of the product due to material and workmanship or assembly faults within the warranty period, it will be repaired without any demand under any other name, such as labor cost, replacement part cost, or any other name.
5. For this product
 - From the date of delivery, within 1 (one) year, provided that it remains within the warranty period, the continuity of the inability to benefit from the product as a result of the same failure being repeated more than 2 times or different failures occurring more than 4 times,
 - Exceeding the maximum time for repair,
 - In case the service station is not available, in case it is determined that the repair of the fault is not possible with a report to be prepared by one of the dealers, dealers' agents, representatives, importers or manufacturers, respectively, a replacement will be made free of charge.
6. Defects resulting from the use of the product contrary to the terms in the user manual are not covered by the warranty.
7. For problems that may arise regarding the warranty certificate, they can apply to the Ministry of Industry and Trade, General Directorate of Protection of Consumer and Competition.

In the use of this guarantee certificate; Pursuant to the Law on the Protection of the Consumer No. 4077 and the Regulation on the Implementation Principles of the Warranty Certificate, which was put into effect on the basis of this law, T.R. Singing. Trade It has been prepared in accordance with the following documents obtained from the Ministry of the General Directorate of Protection of Consumer and Competition. Date 18.12.2007 Document No. 47086



TURKISH REPUBLIC
MINISTRY OF INDUSTRY AND TRADE OF PROTECTION OF
CONSUMER AND COMPETITION
GENERAL DIRECTORATE
WARRANTY CERTIFICATE

Approval Date and Number of Document:

In the use of this document; Permission has been granted by the Republic of Turkey General Directorate of Protection of Consumer and Competition pursuant to the Law No. 4077 on the Protection of the Consumer and the Regulation on the Implementation Principles of the Warranty Certificate, which was put into effect on the basis of this Law.

MANUFACTURER / IMPORTER

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Dudullu - Umraniye / ISTANBUL
PHONE : 0216 463 47 28 -29 -30
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COMPANY AUTHORITY

SIGNATURE-STAMP

THE PRODUCT'S

TYPE :
BRAND : ELEKS
MODEL :
BANDROLE AND SERIAL NO :
DELIVERY DATE AND PLACE :
WARRANTY PERIOD : 2 (TWO) YEARS
MAXIMUM REPAIR TIME : 30 WORKING DAYS

THE SELLER'S

TITLE :
ADDRESS :
PHONE :
FAX :
FAX INVOICE DATE AND NO :

DATE-SIGNATURE-STAMP

AUTHORIZED SERVICE

MANUFACTURER / Headquarters Service

PRODUCER COMPANY / SERVICE CENTER

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 <p>2765 20 2765-CPR-0165 2765-CPR-0165/9 2765-CPR-0165/1</p>	<p>EN 54-3 / EN 54-17 Intelligent Addressable Siren with Isolator Nova-AS Performance Declaration No: ELEKS-018,000</p> <p>EN 54-23 / EN 54-17 Intelligent Addressable Flasher with Isolator Nova-AB Performance Declaration No: ELEKS-027,000</p> <p>EN 54-3 / EN 54-23 / EN 54-17 Intelligent Addressable Flashing Siren with Isolator Nova-ASB Performance Declaration No: ELEKS-019.000</p>
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NOVA-AS, NOVA-AB, NOVA-ASB