



## MINI HOLA A / MINI HOLA AL SELF-SUPPLIED INDOOR SOUNDER INSTALLATION MANUAL

### PRODUCT DESCRIPTION:

**MINI HOLA A** is a device conceived for acoustic notice in alarm, evacuation and monitoring systems – usage in covered locations properly protected against bad weather conditions.

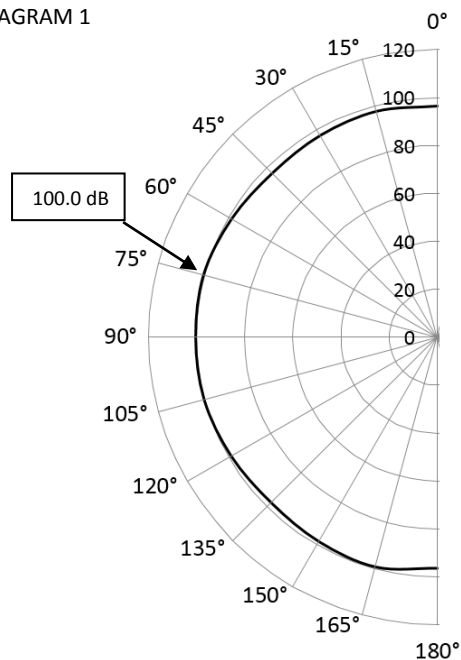
**MINI HOLA AL**: features as per MINI HOLA A, **with LED flashing unit** (serving both as optical notice and as system status ON/OFF notice).

### TECHNICAL FEATURES

|  |   |
|--|---|
| <b>Power supply</b>  | 13.8 V  |
| <b>Minimum supply voltage</b>  | 10 V  |
| <b>Maximum supply voltage</b>  | 16 V  |
| <b>Battery recharge consumption</b>  | 40 mA   |
| <b>Max consumption in alarm</b>  | 170mA (350mA peak) +/-10 mA   |
| <b>Max consumption in pre-alarm</b>  | 80 mA (100ma peak) +/-10 mA   |
| <b>Consumption and sound level adjustment</b>                              | Consumption from 20 mA to 170 mA  |
| <b>Max LED Flashing Unit consumption<br/>Terminals 1, 2 (L Model only)</b> | 12 mA   |
| <b>Max audio level SPL @1 m</b>  | See Diagram 1   |
| <b>Available sounds</b>  | 8 in total (3 Modulated sounds, 3 intermittent sounds, 1 bi-tone sound, 1 continuous sound) |
| <b>Available timings</b>   | Infinite or 8 minutes   |
| <b>Double micro-switch tamper</b>  | Anti-opening and anti-removal   |
| <b>Working condition</b>   | From -25°C to +50°C   |
| <b>Environmental class</b>   | Class II  |
| <b>IP degree</b>   | IP4x  |
| <b>Battery (Ni-Mh)</b>   | 8,4 V 700mA or 8,4 V 800mA  |
| <b>Standards compliance</b>  | T031:2014   |
| <b>Security</b>  | Degree 3  |
| <b>Size (HxWxD)</b>  | 155x100x50mm  |
| <b>Weight</b>  | 329 gr  |

| SOUNDS CHART |                                     |                        |
|--------------|-------------------------------------|------------------------|
| SOUND        | MODULATION                          | MODULATION LIMITS (Hz) |
| Sound 1      | Trapezoidal ( <b>CERTIFIED</b> )    | 1.200 – 2.300          |
| Sound 2      | Increasing – decreasing             | 1.800 – 3.900          |
| Sound 3      | Pulsed (softened)                   | 1.600                  |
| Sound 4      | Two tones                           | 1.800 – 3.800          |
| Sound 5      | Continuous                          | 1.600                  |
| Sound 6      | Pulsed                              | 1.800                  |
| Sound 7      | Increasing-Stable-Decreasing-Stable | 1.400- 1.600           |
| Sound 8      | Pulsed fast                         | 1800                   |

DIAGRAM 1



| Mini Hola A – Mini Hola AL<br>Sound 1 |            |
|---------------------------------------|------------|
| Angle                                 | dB (A) @1m |
| 15°                                   | 97.9       |
| 45°                                   | 96.0       |
| 75°                                   | 100.0      |
| 105°                                  | 100.0      |
| 135°                                  | 96.0       |
| 165°                                  | 97.2       |

### DIPSWITCHES SETTING

| CHART 1: DIP 1 – FLASHING UNIT SELECTION ( <i>AL Model only</i> ) |   |
|---|---|
| DIP 1   | FLASHING UNIT BEHAVIOUR   |
| OFF   | The flashing unit follows the alarm trigger ( <b>default setting</b> )                        |
| ON  | The flashing unit is managed independently (terminal no. 1 – separated flashing unit trigger) |

| CHART 2: DIP 2 – TRIGGER POLARITY SELECTION |   |
|---|---|
| DIP 2                                       | POSITIVE/NEGATIVE TRIGGER POLARITY                                  |
| OFF   | Positive trigger ( <b>default setting</b> ) – terminals no. 3, 4, 5 |
| ON  | Negative trigger – terminal no. 3, 4, 5                             |

| CHART 3: DIP 3 – MISSING/GIVING TRIGGER SELECTION |   |
|---|---|
| DIP 3   | MISSING/GIVING TRIGGER  |
| OFF   | Giving trigger  |
| ON  | Missing trigger – terminal no. 3, 4, 5 ( <b>default setting</b> ) |

| CHART 4: DIP 4 – SOUND SELECTION |  |
|----------------------------------|--|
| DIP 4                            | SOUND  |
| OFF                              | Sound 1 Trapezoidal (e.g. for alarm) – terminal no. 3<br>Sound 2 <i>Venitem-type</i> Increasing-decreasing (modulated sound e.g. for alarm) – terminal no. 4<br>Sound 3 Softened pulsed (intermittent sound e.g. for pre-alarm) – terminal no. 5<br>Sound 7 Increasing-stable-decreasing-stable (modulated sound e.g. for alarm) – terminals no. 3 and 4<br>Sound 8 Pulsed fast (e.g. for alarm) – terminals no. 4 and 5 |
| ON                               | Sound 4 Two tones (bi-tone sound e.g. for immediate evacuation alarm) – terminal no. 3<br>Sound 5 Continuous (fixed frequency sound e.g. for evacuation alarm) – terminal no. 4<br>Sound 6 Pulsed (intermittent sound e.g. for evacuation pre-alarm) – terminal no. 5  |

| CHART 5: DIP 5 – SOUND TIMING SELECTION |   |
|---|---|
| DIP 5                                   | TIMING  |
| OFF                                     | The alarm duration follows the trigger ( <b>default setting</b> )                               |
| ON                                      | Acoustic notice lasts 8 minutes, the flashing unit ( <i>AL Model only</i> ) follows the trigger |

### SOUND PRESSURE (AND POWER CONSUMPTION) ADJUSTMENT

**Turn P1 TRIMMER to adjust the acoustic power and, consequently, the power consumption of the device.**

| TERMINALS CONNECTION |   |
|----------------------|---|
| TERMINAL             | CONNECTION  |
| 1                    | Trigger (negative = activated) of the LED devoted to the notice of the alarm system status (alarm system armed/disarmed) - on AL Model only |
| 2                    | Independent command trigger of the LED flashing unit for alarm optical notice (positive = activated) - see CHART 1, AL Model only           |
| 3                    | Sound 1 command (DIP 4 = OFF) - sound 4 command (DIP 4 = ON)<br><b>SEE DIP 2 AND DIP 3 SETTINGS FOR TRIGGER SELECTION</b>                   |
| 3 & 4                | Sound 7 command (DIP 4 = OFF) - sound 4 command (DIP 4 = ON)<br><b>SEE DIP 2 AND DIP 3 SETTINGS FOR TRIGGER SELECTION</b>                   |
| 4                    | Sound 2 command (DIP 4 = OFF) - sound 5 command (DIP 4 = ON)<br><b>SEE DIP 2 AND DIP 3 SETTINGS FOR TRIGGER SELECTION</b>                   |
| 4 & 5                | Sound 8 command (DIP 4 = OFF) - sound 5 command (DIP 4 = ON)<br><b>SEE DIP 2 AND DIP 3 SETTINGS FOR TRIGGER SELECTION</b>                   |
| 5                    | Sound 3 command (DIP 4 = OFF) - sound 6 command (DIP 4 = ON)<br><b>SEE DIP 2 AND DIP 3 SETTINGS FOR TRIGGER SELECTION</b>                   |
| 6                    | +12V – Power supply and recharge  |
| 7                    | 0V – Ground   |
| 8                    | Tamper (connect to the tamper line coming from the control panel)   |
| 9                    | Tamper (connect to the tamper line coming from the control panel)   |
| 10                   | Anomaly output. No anomalies = 0V; anomaly = free   |

| ANOMALIES CHART   |             |                |
|---|-------------|----------------|
| ANOMALY   | LD1 RED LED | OUT ANM OUTPUT |
| No recharge current (recharge V < 10V) (test every 10s)                   | 2 FLASHES   | OPEN           |
| Battery is disconnected (test every 12 hours)                             | 3 FLASHES   | OPEN           |
| Low voltage battery (battery V < 6,5V) (test every 10s)                   | 4 FLASHES   | OPEN           |
| Battery exhausted (< 6,5V) – not keeping the charge (test every 12 hours) | 5 FLASHES   | OPEN           |
| No anomalies  | OFF         | 0V             |

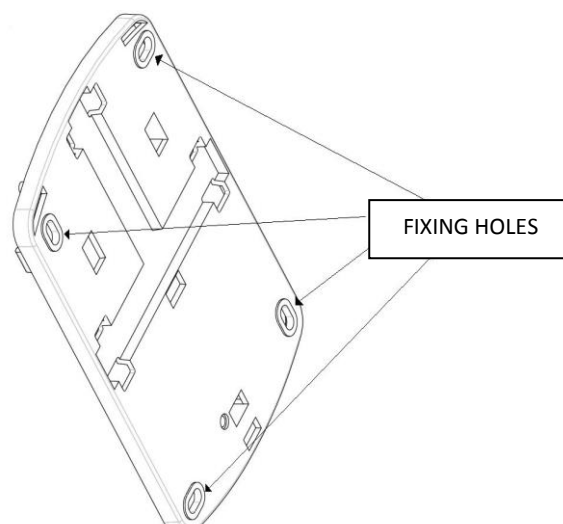
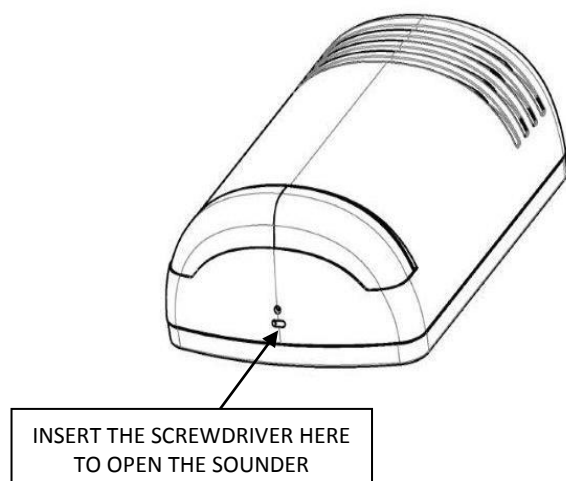
To reset anomalies to zero, first remove the anomaly cause, then wait 10 seconds and give an input to one of the command terminals (2, 3, 4, 5).

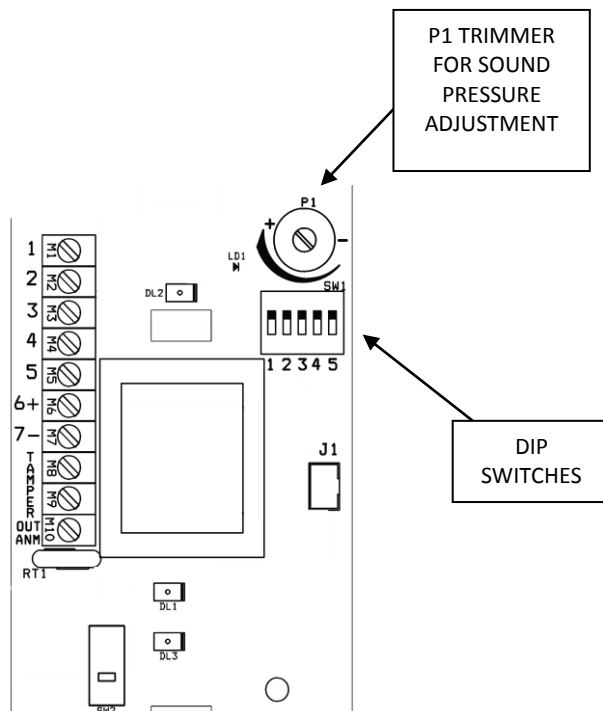
To rerun the anomaly test, take away the sounder power supply by disconnecting the battery pack and the recharge terminal.

**Attention: give power supply to the sounder using a control panel output with SELV voltage and limited power!**

#### **MOUNTING:**

1. Unscrew the closing screw;
2. Insert a screwdriver as shown in Pict. 1 and gently exert a slight pressure to lift the cover up a bit;
3. Take off the cover from the trucks;
4. Remove the cover and fix the sounder on the wall through the 4 fixing holes located on the sounder base (see Pict. 2) and using 4 5-mm wall plugs.





Certified for Belgium



**DISPOSAL:**  
This product must be disposed of using the appropriate bins for electrical and electronic products. This product must not be placed in bins for collection of other waste types.

**Warranty:** All Venitem products have 2 years warranty. With the aim of improving design and quality of its products, Venitem reserves the right to modify them without prior notice. All defective products have to be returned to the supplier.