



HANDHELD
ULTRASONIC SOUND-
FIELD GENERATOR

MODEL AA76100

Quick Guide



Congratulations!

You have just acquired an innovative, high quality product. We have put our highest effort into each development stage. We are sure that you will find this equipment most reliable and accurate - exceeding your expectations.

Before using this device, we strongly recommend that you carefully read the user manual. There you will find all related information for correct handling and usage of this product.

De la Rosa Research Team.



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APPLICATIONS

This Handheld Ultrasonic device is very directional when used outside but will lose directionality to some extent when used inside due to reflections from walls, ceilings, and other objects. Applications of this device include: solving the problem of unwanted gatherings of youths and teenagers in shopping malls, around storefronts, parks, railways and anywhere else they are causing problems; deterring rodents from silos, chicken coops, and other agricultural areas where they pose a problem; scaring birds, deer, dogs, and other animals from unwanted areas.

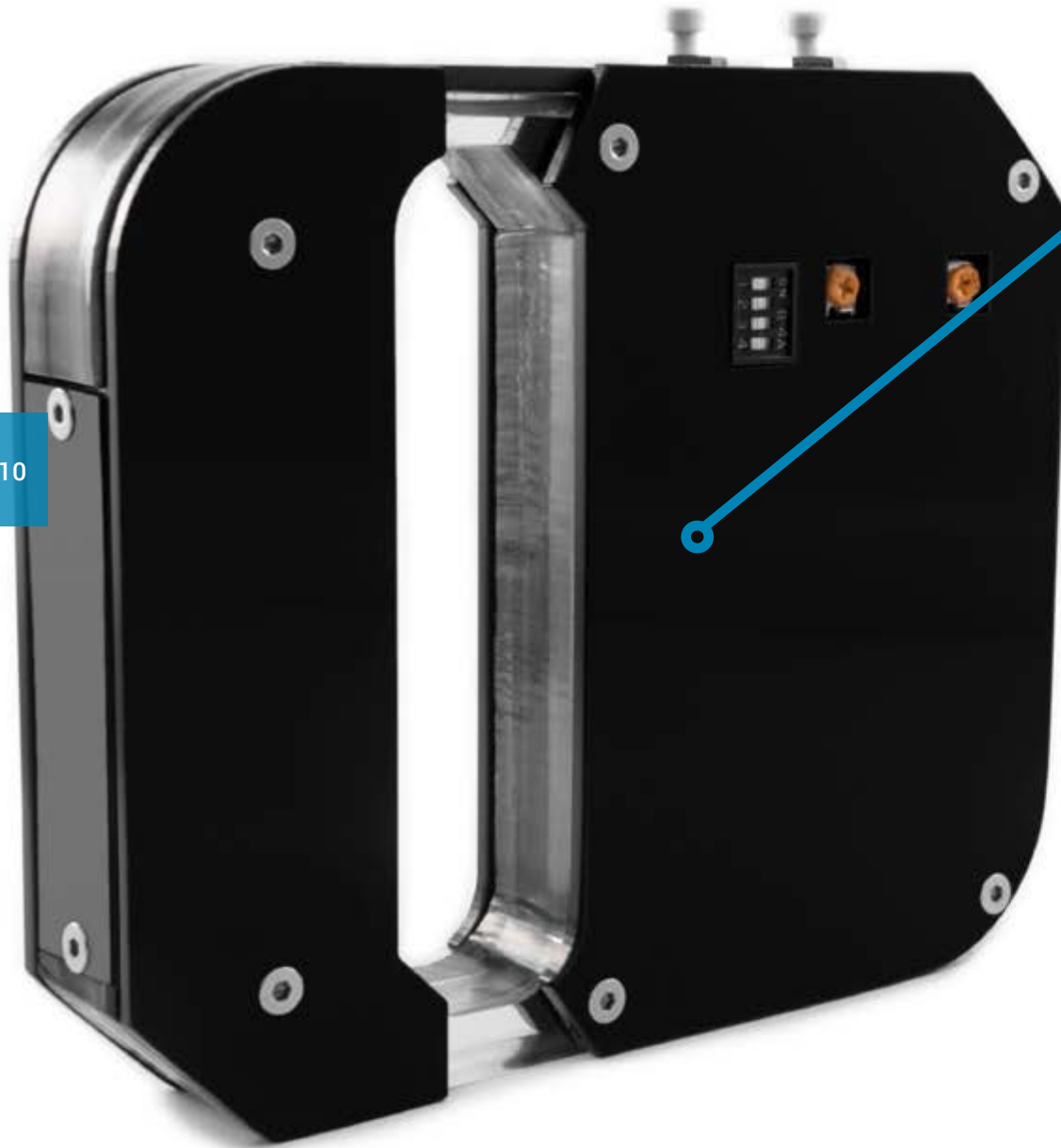
SPECIFICATIONS

The sonic shock wave generator produces a sound pressure level (SPL) of up to 125 decibels (DB)/30 cm. The shock wave frequencies can be set at 25, 16, and 12 kHz. A sweep function is included. This device works with a 9 volt battery.

BEFORE STARTING

// INCLUDED IN THE BOX

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1 HANDHELD ULTRASONIC SYSTEM (x1)

2 ALLEN WRENCH - 2mm. (x1)

3 9 VOLT BATTERY (x2)



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BEFORE STARTING

// INSTALL THE BATTERY

1



Using the 2mm Allen wrench, unscrew the battery compartment.

12

2



Connect the 9 volt battery to the battery socket.

13



CAUTION

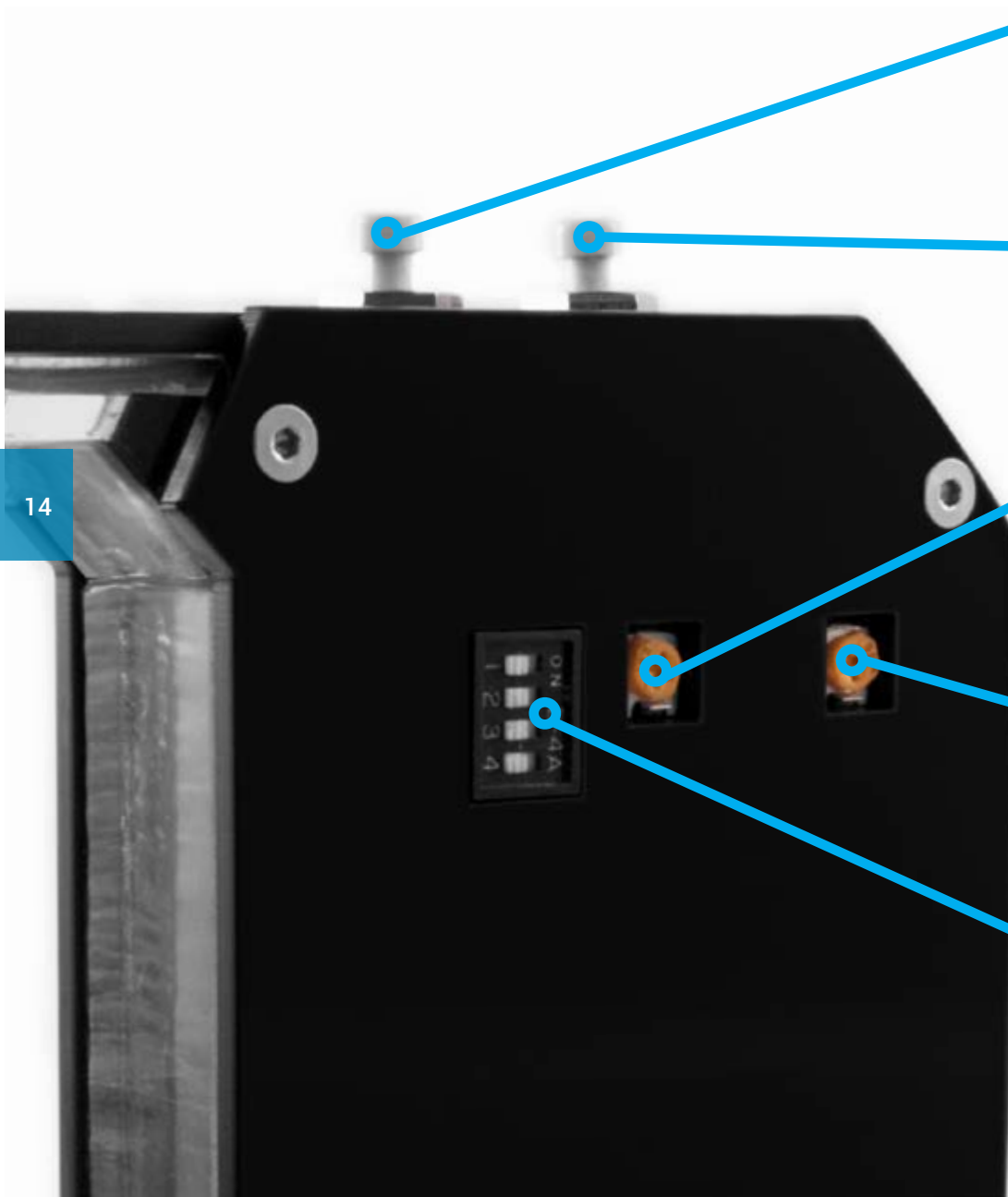
Sound pressure levels in excess of 105 dB for one hour or more may impair hearing. Check your local laws before using this device on people.



OPERATION

// BUTTON FUNCTIONS

14



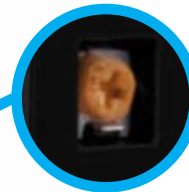
ON / OFF BUTTON

By pressing and holding this button the device's speaker will generate sound.



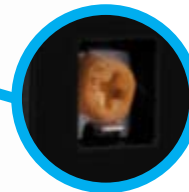
SWEEP BUTTON

Press this button to activate the sound sweep. This button will work only if the On/Off button is pressed at the same time.



SOUND FREQUENCY SELECTOR

This selector will allow you to choose the sound frequency. This selector should be adjusted with a screwdriver.



SWEEP FREQUENCY SELECTOR

This selector will allow you to choose the sweep frequency. This selector should be adjusted with a screwdriver.



SOUND FREQUENCY RANGE SELECTOR

Adjust the sound frequency range by using the DIP selector as follows:

Frequency	1	2	3	Consumption (mA)
25 kHz	on	off	on	225
16 kHz	on	off	off	175
12 kHz	off	on	off	150

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