o1ne

EN 54 -16

EN 54 -4

PUBLIC ADDRESS, BACKGROUND MUSIC AND VOICE ALARM SYSTEM

LDA audioTech

WHO SAID SMALL?

ONE is a complete EN 54-16 certified public address, background music and voice alarm system that includes an integrated EN 54-4 battery charger in the same device.

ONE has an innovative Wall & Rack design that allows it to be mounted on both the wall and the rack, according to the needs of each project. It is specifically designed for small and medium installations.

The ONE system is very easy to install and configure, without the need for external applications, and it integrates perfectly with third-party technologies.

MADE IN SPAIN

EN 54 -16

EN 54 -4

ONE-500

MAIN UNIT 2 X 500 W (TOTAL MAXIMUM 500W*)
500 W according to EN 60065. 200 Wrms according to EN 54-16.

EN 54-16 certified system, with EN 54-4 integrated battery charger and holder

Wall & Rack design, suitable for 19" rack or wall mounting

All-in-one and extremely compact unit

Plug & Set mode, easy to install, configure and maintain

Reliable and safe in any situation
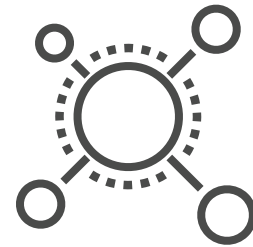
ONE-500
FEATURES

1 **EN 54-16 and EN 54-4 certified**

2 **Advanced functions**

3 **Wall & Rack design**
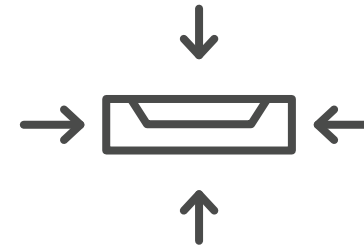
4 **Easy installation and maintenance**

GUARANTEED BY INTERNATIONAL CERTIFICATIONS

With the ONE system any kind of installation can access to cutting edge features in public address, background music and voice alarm systems. The ONE-500 unit is certified under the EN 54-16 international standard, and its battery charger and holder are EN 54-4 certified.
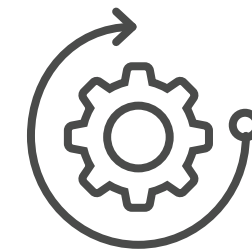
TOP FUNCTIONALITY

ONE has two class D amplifiers up to 500 W power (total maximum 500 W*) and one backup amplifier. With 6 outputs/zones, 3 analogic audio inputs and an expandable digital 6x6 audio matrix, ONE offers great versatility to fit into small and medium installations.

MINIMALIST AND COMPACT

The ONE system has been designed and developed down to the last detail. Its innovative Wall & Rack design allows it to be mounted on both wall and 19" rack and adapts smoothly to any space requirements in all kind of installations.

CONFIGURATION AND START-UP WITHOUT EFFORT

There is no need to use external applications to make ONE fully operational without delay, integrating at ease with third-party technologies. Installation, start-up and maintenance of a ONE system are very easy, saving both time and costs.

Discover ONE at lda-audiotech.com/en/one

*500 W according to EN 60065. 200 Wrms according to EN 54-16.

ONE-500
Main unit inside

1 6 outputs/zones. Digital 6x6 audio matrix, expandable.

2 2 class D amplifiers with two configurations for 100/70 V lines up to 500 W*. Backup amplifier included.

3 EN 54-4 battery charger and 12 V 18 Ah battery.

4 3 audio inputs (BGM or mic) + 1 mixed input. Noise gate and contact closure for control.

5 Paging station input up to 8 MPS-8Z multizone microphones or VAP-1 voice alarm panel.

6 Dual message player for pre-recorded messages EVAC + ALERT. Phased evacuation. 10 minutes storage for pre-recorded messages.

7 LCD display and control (access control).

8 Wall & Rack design, easy to install. Plug & Set mode for EN 54 PA/VA.

9 8+2 GPIO ports (supervised for integration with Fire Alarm Control Panel).

10 Attenuators control.

11 4 pre-amp outputs for external PA amplifiers connection.

12 DSP: 3/7-band input/output parametric equalizer, loudness, LDA sound enhancer, independent volume control per each input and master volume for outputs.

13 Loudspeaker lines supervision. Line terminator without return for supervision.

14 Failure detection and indication in all emergency functions. USB backup/restore and emergency log.

15 Designed and made in Spain by LDA AUDIO TECH.

*500 W according to EN 60065. 200 Wrms according to EN 54-16.

ALL THE FLEXIBILITY OF A WIDE RANGE OF ACCESSORIES

EN 54 certified

BATTERY CHARGER CARD
ONE-BC1

EN 54 certified battery charger in card format for ONE unit.

BATTERY EQ-246113

12 V and 17 Ah lead-acid battery for ONE-500.

EN 54 certified

RACK MOUNTING ONE-RMA

EN 54 certified 19" rack mounting kit for ONE unit.

EN 54 certified

WALL MOUNTING ONE-WMA

EN 54 certified wall mounting kit for ONE unit.

EN 54 certified

MICROPHONE
MPS-8Z

Paging station with 8 zone
buttons, 1 for events
and 1 for memory.

EN 54 certified

EXPANSION
KEYBOARD MPS-8K

EN 54 certified expansion unit
for MPS-8Z paging station with
8 programmable buttons.

MICROPHONE A-1

One zone desktop
microphone with
lighting indicators and
microcontroller.

EN 54 certified

END OF LINE DEVICE
TFL-2

Filtered load impedance for 70/100 V
speaker lines.

EN 54 certified

VOICE ALARM
PANEL VAP-1

EN 54 certified emergency panel
with event button and access to
evacuation functions.

EN 54 certified

EXPANSION
KEYBOARD VAP-8K

EN 54 expansion unit for VAP-1 with
8 programmable zone buttons.

WALL-MOUNTED CABINET
RACK-4ALT

19" and 4U wall-mounted rack cabinet
with glass front door and lock.

WALL-MOUNTED CABINET
RACK-6ALT

19" and 6U wall-mounted rack cabinet
with glass front door and lock.

LEADING TECHNOLOGY MADE IN SPAIN

For more than 40 years, LDA Audio Tech has been designing and manufacturing the most advanced sound equipments for public address, background music and voice alarm systems from its headquarters in Málaga (Spain).

We work with installers, integrators and distributors in 50 countries to provide them with the customised solutions that they need in AV systems for security and fire protection.

Our specialised engineering and technical team works constantly to stay up-to-date with the latest technology. That is why we are active participants in the international committees that establish the regulations about voice evacuation, at the same time as we are offering training to all our partners worldwide.

LDA Audio Tech guarantees a solid structure and a committed team for any large-scale project anywhere in the world.

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LDA audioTech