

EVAC CORE

EVAC Core is the base device that shapes the 4 solutions created to integrate, manage and remotely connect LDA EN54-16 systems.

Innovative cloud-based technologies make the EN 54-16 public address and voice alarm evacuation system globally accessible. It allows to optimize material and maintenance resources, especially in small and medium systems where there are no specialized personnel and remote management is key.

From a desktop application, different platforms allow connection to the system both locally and remotely. (Windows 11 is required to run the application)



To make the operation of EN54-16 systems easier, 4 solutions have been developed by LDA Audio Tech:

- **EVAC Cloud – Cybersecurity remote connection and monitoring EN 54-16**

Enables remote monitoring and connection for alarm management in EN54-16 systems. Provides secure remote access for advanced configuration functions via the NEO Configurator.

- *Renewable subscription - Allows access to remote control services through an annual renewable subscription.*

EVAC[☁] Cloud

- **EVAC Control – Management and supervision EN 54**

It includes all the functionality of EVAC Cloud. It also offers management and supervision of public address and voice evacuation systems EN54-16. It incorporates a calendar module for programming the broadcasting of pre-recorded messages.

- *Multi-site licence - EVAC Control includes the possibility to add licences to manage additional EN54-16 systems.*
- *Renewable subscription - Allows access to remote control services through an annual renewable subscription.*

EVAC[⚙] Control

- **Dante-16 – Dante®-AES67 Digital Audio Converter Device**

Converts up to 16x16 channels of digital audio between Dante® and AES67 protocols.

Dante¹⁶ AES67

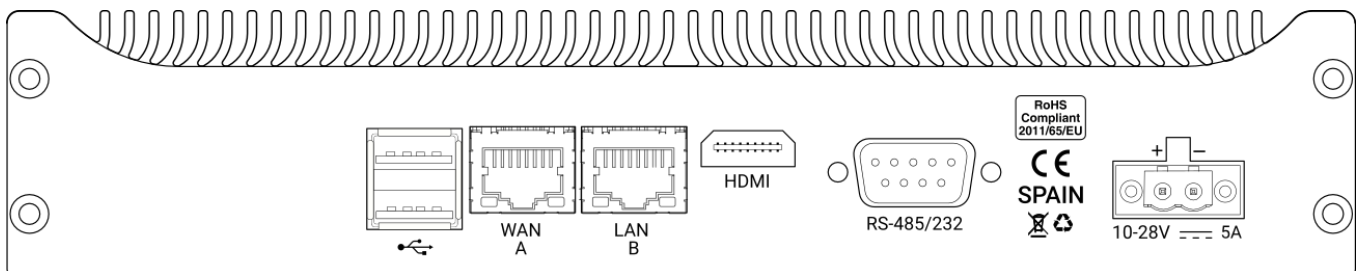
EVAC CORE

- **Direct Link – Advanced communication platform with fire detection systems**

Facilitates integration between fire detection systems and an LDA Audio Tech EN54-16 public address and voice evacuation system. Allows native communication between both systems for alarm communication and emergency management.

Direct[®] Link

Rear view:



Technical specifications:

MODEL	EVAC CORE
Reference	EQ242063
Power supply	100 – 240V ~ Adapter to 12Vdc/5A included
Power input	10 – 28 Vdc / 5A
Power consumption	5W TYP. Maximum 10W
Frequency response	20Hz-20kHz +/- 0.1dB
Signal to noise ratio	SNR > 89dB TYP
Distortion factor	<0.04% TYP -10dB
Ethernet	2 x Ethernet 1Gbit. IEEE 1588
HDMI	1 x HDMI
USB	6 x USB 3.0 Host mode
Audio Input / Output	1 x Input / Output audio Jack 3.5mm (CTIA type)
RS – 485	1 x RS – 485* (*On request it can be exchanged for 232)
Indicators	1 x SSD reading
Buttons	1 x Power
Dimensions (W X H X D)	220 x 43 x 126 mm / 8.66" x 1.69" x 4.96"
Operating condition	-20 °C to +60°C / -4 °F to 140 °F 10% to 85% Relative humidity (No condensation)
Finish	Material AI – Colour Black RAL 9005
Weight	1.072 kg / 2.36 lb