

Top of Car Digital Audio Unit: TOC DAU

Affordable and compliant emergency phone solution that provides a top of car alarm point and access to an external speaker and microphone from within the lift car.



Scan the QR code to take a closer look at the 3D model

KEY FEATURES

- Speaker can be heard inside the car
- Supports external microphone, speakers and pictograms
- 2 buttons on unit for alarm and engineer intercom
- Integrated battery back-up
- Programmable and monitorable on the [AVIRE Hub](#)
- Can monitor the behaviour of light curtains (e.g. door cycles, blocked diodes, timed-out diodes)*
- Resets the lift controller*
- Can update display layouts remotely*

* Functionality available when used in conjunction with other Ecosystem products.



REAL-TIME MONITORING AND PROGRAMMING
CAN Bus connectivity provides a digital communication channel to manage battery life and receive alerts through the AVIRE Hub.



FUTUREPROOF
Remote updates and connectivity make the **TOC DAU** a more powerful and future-proof solution that can easily update to changing needs.



ACCESSIBLE
Cost savings for installers and maintenance engineers as they spend less time getting to the product.



SMALLER FOOTPRINT
Small size and weight means minimal impact on lift prime real estate.



MINIMISE MAINTENANCE COSTS
Installers have remote control of the product with the possibility to resolve most problems remotely.



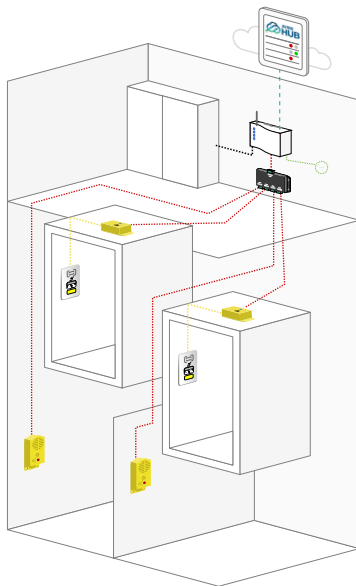
EASY TO INSTALL
Quick and simple, Top of Car (TOC) installation doesn't require removal of the **Car Operator Panel (COP)**, minimising lift downtime.



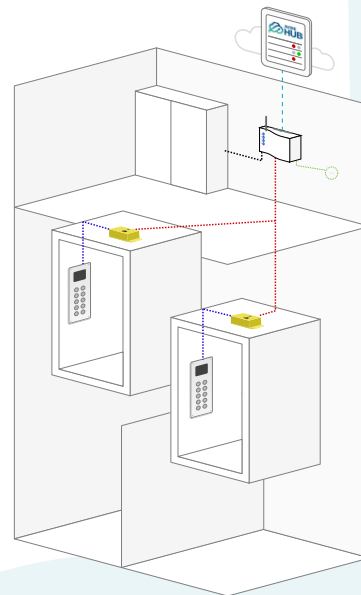
REMOTE FIRMWARE UPDATES
Via the **Digital Communication Platform (DCP)**, the TOC DAU can be updated Over the Air (OTA), including new features, performance improvements and bug fixes. Remote maintenance and updates significantly reduce lift downtime.

- The TOC DAU provides a TOC alarm point. It works with the **Digital Communication Platform (DCP)** and a **SIM card**, which are installed in the machine room or top of the lift shaft.
- Part of our modular, customisable **AVIRE Ecosystem**, the TOC DAU is an ideal solution for lift groups, as one DCP can support multiple shafts with a TOC DAU on each car.
- The TOC DAU is the next generation of emergency phone accessories, replacing the previous MEMCOM model.

AVIRE Ecosystem Architecture



DCP, TOC DAU and Surface Mount Accessory with Pit Phone



DCP, TOC DAU attached to COP alarm button

Both installation types can be installed with Pit Phones if required. The use of CANBus Splitter depends on the number of shafts and accessories installed.

Technical Specification

Parameter	Value
Colour casing	Yellow
Button	Yes
External pictograms	Yes
Siren support	Yes
External & internal microphone	Yes, only those supplied by AVIRE
Battery	Integrated
Battery & phone fault indicator	Yes
Power supply	8-28V
Connections	CAN & LPBus (RJ45)
Weight	0.5 kg.
Dimensions	77x180x60mm

Ordering Information

Part	Description
AC-DAT18-110-F-0L-000	TOC DAU
AC-2CM10-100-F-20-000	Digital Communication Platform - 2G/RS-232
AC-4CM10-100-F-20-000	Digital Communication Platform - 4G/RS-232
AC-ALB02-100-0-0L-000	LPBus Inductive Loop
Kone, Sodimas, Otis, Schindler, Thyssen	Wiring Looms available
SIM cards	Available in 2, 3, 4 & 5 years' contracts
AC-DAP18-100-F-00-000	New 2 button PIT Phone with intercom functionality

As a result of our policy of continual improvement, the information in this document is subject to change without notice and it is intended only as general guidance on product performance and suitability. This information shall not form part of any contract.