

AUDICO AVECG2

AAE 808 – AAE 840DCF

PAGING AND CONTROL CONSOLES FOR
THE AUDICO AVEC G2 SOUND
REPRODUCTION AND VOICE
EVACUATION SYSTEM



EN 54 -16
VOICE ALARM CONTROL
AND INDICATING EQUIPMENT



EN 60945 MARITIME NAVIGATION
AND RADIOCOMMUNICATION
EQUIPMENT AND SYSTEMS



BUREAU
VERITAS



DNV-GL



AVEC CONSOLES

The modular paging and control consoles of the AVEC family are used for making announcements, playing messages, give on-screen information on the equipments status, selecting programme sources and adjusting volumes. The versatile consoles have been certified and comply to the EN 60945 and EN 54-16 standards in voice evacuation system use and include the required system surveillance ao. microphone functionality and surveillance of critical signal path.

The AAE range consoles are used for controlling diverse functions in the Audico AVEC G2 sound system. The unit allows paging and playback of prerecorded messages in different zones within a building. The console with an LCD display (DC) can be used to activate programme sources and adjust volumes in different zones. The error monitoring required by the EN-standards is shown with indicator lights.

There are two access levels for the console; paging, activating information messages and choosing a source can be done by anyone, manually zones can be directed into alert or evacuation mode only by person who knows the PIN-code. The consoles are stylish and the user interface is easy logical and easy to use.

MODULAR

The console is modular and can be constructed with the following four modules:

1. Main module with 8 operation buttons and a gooseneck microphone or a handheld microphone with XLR connector.
2. A module with an LCD display and menu buttons
3. A module with 16 operation buttons
4. A module for the handheld fireman's microphone

Up to 7 modules with 16 operation buttons can be combined into one console, adding up to 120 operation buttons. A console can only contain one main module and one display module each. The display module is needed when the console is used for choosing background music and adjusting volume. It is also needed for browsing and resetting possible error messages in the systems' memory.

CABLING AND CONNECTING

The console is connected to the AVEC G2 Central Unit with CAT5/6/7 cabling. The unit can be equipped with redundancy network to have the highest security against possible cable faults. Each console is given its own binary address with the dip switches. System configuration is done using the AVEC Configuration Software.

AAE 808 - AAE 840DCF



AAE 808 - AAE 808F AAE 808DC - AAE 808DCF

The basic console AAE 808 has 8 zone buttons and main control. The following console AAE 808DC has an LCD display and control number/menu buttons.



AAE 824 - AAE 824F AAE 824DC - AAE 824DCF

For middle size installations there are two 24 zone versions. With or without the display module.

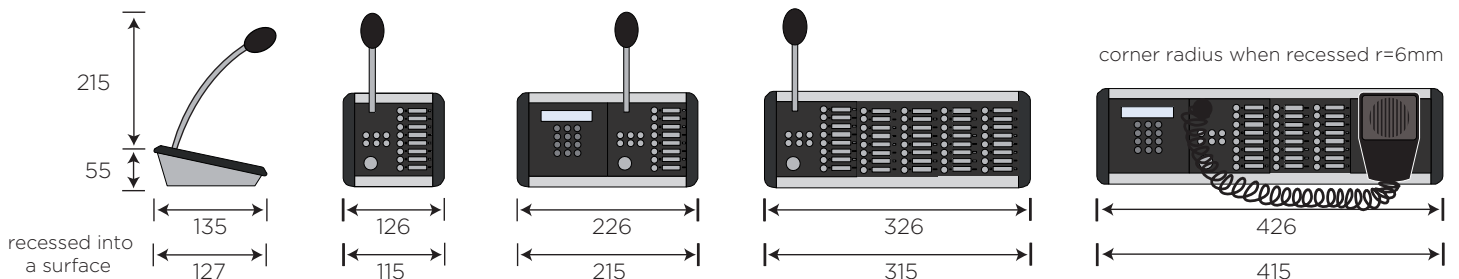


AAE 840 - AAE 840F AAE 840DC - AAE 840DCF

For larger systems a 40 zone console is most suitable. Without the display - AAE 840 or with the display - AAE 840DC. Tailor made consoles are made up to 120 zone units - AAE 8120DCF with 16- zone steps (56, 72, 88, 104 or 120 zones).

F - FIREMAN'S CONSOLE

Consoles equipped with a handheld microphone are mainly intended for use as a fireman's console. These consoles are marked with the suffix F.



Standards and requirements

The product is RoHS-compliant, it is tested and approved by SGS Fimko for all relevant safety and electromagnetic compatibility standards (EMC). The consoles are certified and compliant to EN 54-16 and EN 60945 standards. Product recycling according to WEEE regulations.

Standards also set guidelines for the users of the installed systems. The main user must take care of regular system maintenance, testing, keep a logbook and ensure all other users are well trained to use the system. We have prepared a booklet guiding the user as well installation and service-parties to set-up and run a voice evacuation system according to the standards.

TECHNICAL FEATURES

Frequency response (-3dB)	200-17 000 Hz(mic) 50-17 000 Hz(aux)
Audio input (aux)	-14...0dB (adjustable)
THD + N 1 kHz	<0,1%
Connectors type	
System & Redundant Bus (Bus1 & Bus2)	RJ45
Aux audio	3,5mm TRS connector
Ext. control	3 pin removable screw
Operation temperature	-10 ... +50 °C



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