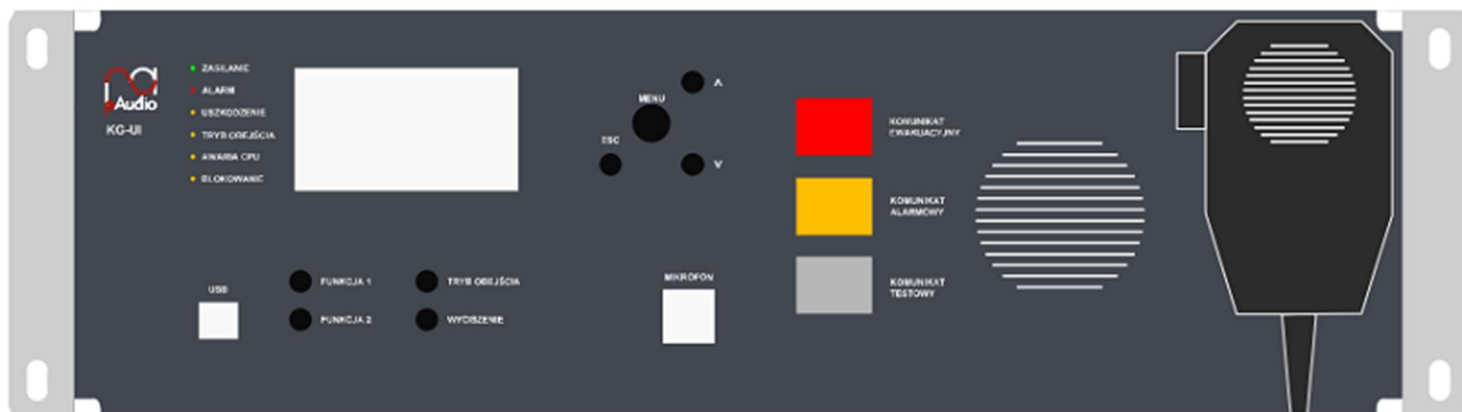


IVO Voice alarm system

KG-ETH - main controller with service interface



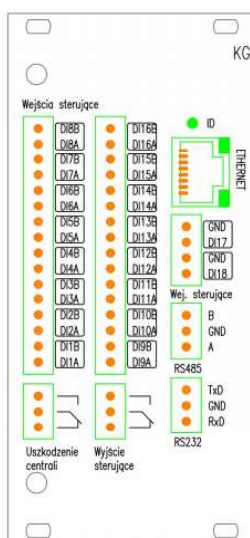
KG-ETH is designed to control and operate the IVO. The operating status of the system is indicated by means of obligatory LED indicators. The detailed status of the control panel is shown in text form on the LCD display. The built-in monitoring loudspeaker is used to listen to audio signals on loudspeaker lines or to verbal communication with fire intercoms. The KG-ETH controller enables the connection of a hand-held alarm microphone and colored buttons for manual control of the DSO IVO unit. The KG-ETH controller consists of KG and KG-UI modules.

Selected technical data

LCD display	128x64
Monitor speaker	+
Built-in alarm microphone	+
USB socket	+
Power supply	20..60 V DC
Dimensions	3U, 84HP
Equipment	KG- main controller KG-UI- user interface KAS- system cassette WZ- power module BP- mounting plate
Optional equipment	MDRMN4025D- handheld alarm microphone P1...Pn – color manual operation buttons

IVO Voice alarm system

KG- main controller



The KG master controller manages the operation of the remaining cards in the system and controls the flow of sound streams. Includes a main processor and a bypass controller that runs automatically in the event of a main processor failure. KG has a built-in module of messages and alarm signals and a verbal announcement recorder broadcast by system operators. In addition to mandatory inputs and outputs, the main controller also has RS232, RS485 and LAN ports. The KG controller processes up to 4 different audio signals at the same time. Connecting the next main controller allows you to increase the number of audio streams processed.

Selected technical data

The number of simultaneously processed audio signals	4
The format of digital messages (play and recording)	PCM
System event memory	2048
Number of binary inputs	18
Number of relay outputs	2
Frequency response (-3dB)	20..20kHz
Signal / noise ratio	> 80 dB
THD distortion (1 kHz)	< 0,5 %
Integration interfaces	1s RS232, 1x RS485
Service interfaces	1x USB, 1x Ethernet
Power supply	20..60 V DC
Dimensions	3U, 12HP