

# MA Alarm console

Data Sheet  
VACIE IVO

## Features

- Goosneck microphone
- High performance microphone capsule
- 32-bit DSP audio processor
- Reliable mechanical buttons
- 5 buttons for automatic messages activation
- Up to 150 additional buttons for any purpose
- 2 status LED indicators each button
- Freelly programmable buttons
- Advance control of VACIE IVO
- Aluminium case
- Built-in audio input
- Build-in speaker
- Intercom functionality
- Wall mounting
- Digital communication
- Maximum cable length 500 m
- Direct power supply from VACIE IVO
- Wide frequency response
- Ultra-low quiescent mode
- Hot-swap functionality

### Options:

MA10 - 5 + 10 buttons

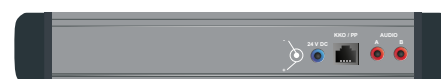
MA20 - 5 + 20 buttons

...

MA150 - 5 + 150 buttons



MA 10



rear of the device



MA 20



Certificate of constancy of performance 1438-CPR-0401  
Certificate of admittance 3883/2020

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## Technical specification

### General

Power supply	24 V DC $\pm$ 20 % 48 V DC $\pm$ 15 %
Idle consumption	< 2 W (MA20)
Standards	EN54, CE
Mechanical	230 x 185 x 60 mm (MA10) 230(+n) x 185 x 60 mm (MA20), n=60 mm ... 230(+14*n) x 185 x 60 mm (MA150)
Operating temperature	-5 °C...+40 °C
Relative humidity	25 %...90 %
Indicators	Power, alarm, fault, By-pass, 3x LED speech level, 2x LED (CDSO status) each button
Connectors	Digital BUS + power, external power supply, 0 dB RCA audio input

### Audio specification

Frequency response	150 Hz...16 kHz (- 3 dB)
THD+N distortion (1 kHz)	< 0,1 % (1 kHz)
Signal / noise ratio	> 75 dB
Color	RAL7015