

# AP10-02-XX-88

## INDUSTRIAL PAGA ACCESS UNIT



DS-243 Issue 01

Thank you for your interest in Zitel - we are a UK based manufacturer of PAGA and Intercom products. Our systems are mainly designed for use in the Hazardous Oil, Gas and Petrochemical industries. Products are very robust and designed to comply with international standards. AP10-02-XX-88 enables comprehensive operator control of a high integrity PAGA system.

Please do not hesitate to contact us for further information on our products we look forward to working with you on a project soon...

### ZEST AP10-02-XX-88

*Noise cancelling Microphone transducer*

*IP66 rated robust rotproof polyester plastic enclosure*

*Single or Dual microphones for mission critical*

*A+B/N+1 architectures*

*Up to ten push buttons and indicators*

The Zitel AP10-02-XX-88 is a bulk head/surface mount microphone unit specifically designed to provide reliable and efficient voice input to a ZEST PAGA broadcast system from an external industrial area.

The AP10-02-XX-88 is designed for reliable efficient operation in hostile climatic conditions and can be positioned in exposed locations, the unit can be optionally installed in a glazed secondary enclosure which inhibits unauthorized usage and/or ensures operation only in emergency conditions.

For critical applications i.e. N+1 or A+B PAGA public address and alarm system packages the AP10-02-xx-88 can be supplied with fully duplicated hardware, including microphones, to ensure single fault tolerance in redundant execution.

The unit comprises two or more robust, rotproof enclosures which carry:

- Single or dual dynamic microphone transducers (Type MW-58)
- Weatherproof momentary push buttons (large enough to be easily operated by a gloved hand).



*Above: Model with four buttons and dual A+B microphones*

It is possible to equip the unit with up to ten illuminating push buttons, for example 'Zone Selection', 'Alarm Control', and/or 'Emergency Speech' buttons. Critical operator buttons can be fitted with hinged protective cover to prevent accidental operation. The push buttons are configured to comply with project 'cause and effect'

#### ZITTEL LIMITED

email: [sales@zitel.com](mailto:sales@zitel.com) web: [www.zitel.com](http://www.zitel.com) tel: +44 (0) 115 9202888  
mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

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requirements. Where more than ten buttons are required secondary AP10-02-xx units can be 'stacked' to provide multiple control access.

Typical assignment for the AP10-02-XX-88 is at muster point stations where emergency speech access and prepare to evacuate/abandon alarm tone broadcasts are delivered to all site loudspeakers or in operational positions where talkback/local routine paging speech communications is required.

Technical Specification	
Colour (Enclosure)	Black RAL 9011
Weight	7kg (Approximately)
IP rating (Enclosure)	IP66 (Enclosure is fibreglass polyester with silicone (VMQ) gasket)
Cover screws	Stainless steel
Impact resistance (Enclosure)	7J
Ambient temperature range	-40°C to +80°C
Location	Safe area only – see Ziztel model ZAP10-02-xx for Zone 1 hazardous area execution
Push buttons are momentary action and are fitted with illumination as required. Key colours to client specification – Blue, Orange, Yellow, Green, Red. Push buttons can be fitted with protective guards	
Maximum cable conductor	2.5mm <sup>2</sup>
Gland entries	25mm as standard but can be 32mm or 40mm to specification
Model Identification	
AP10-02-XX-88	
X	Number of microphones – one or two
X	Number of Push buttons – one to ten



*AP10-02-15 and 25 -88 variants – Left and Middle: Single and dual noise cancelling microphones. Right: Unit shown fitted in a Ziztel AH23 acoustic hood.*

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email: [sales@ziztel.com](mailto:sales@ziztel.com) web: [www.ziztel.com](http://www.ziztel.com) tel: +44 (0) 115 9202888  
mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

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