

AUTELDAC 5

ATEX Approved Hazardous Area Telephone



Image for illustration purposes only

- IECEx certified
- Ex II 2 G & Ex II 2 GD ATEX Certified telephone for Gas and Dust
- Zone 1 & 2, Zone 21 & 22 Compliant models
- C (EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU)
- Fully compliant with TBR21 / TBR38
- Full keypad with 3 programmable memory buttons, or CB (0 button) variant
- Optional removable headset*
- 90dB sounder (adjustable)
- Beacon / external sounder actuator
- Robust and weather resistant up to IP66
- Extended cord length available

The Auteldac 5 (A5) telephone is an ATEX and IECEx approved, weather resistant unit, designed to withstand arduous industrial atmospheres and environmental extremes.

Certified for safe operation in hazardous areas, the Auteldac 5 carbon loaded glass filled polyester enclosure eliminates risk of rust and corrosion.

Features such as 'electronic on-hook sensing' and 'electronic tone ringer' ensures an enclosure protection of up to IP66. Should the handset be left off-hook, the A5 will automatically revert to on-hook state after a period of 7 minutes (optional).

Auteldac 5 telephones come complete with an integral ringer with volume control and secondary beacon / external sounder actuator as standard. An inductive coupler is fitted to aid the hard of hearing. For hands-free telephone use, the Auteldac 5 headset* version can be provided.

Connectivity: Standard Analogue

The standard analogue unit provides basic telephone functions and can be connected to any standard two-wire telephone line, including FXS ports, analogue PABX lines and PSTN.

Options:

The handset has a choice of armoured stainless steel or curly cords.



18 Button Full Keypad

Included in the 18 button version, are 3 direct dial buttons for fast one touch dialling of pre-stored numbers or accessing low cost call facilities. Includes: M1- M3 Memory buttons, S 'Store', R 'Recall', LR 'Last number redial'

0 Button CB

This can be used to initiate a PABX 'hotline' or lift handset and wait for reply, where the PABX does the call routing/dialling.



*Please note that the headset is ATEX Certified only (not IECEx)

AUTELDAC 5 TELEPHONE TECHNICAL SPECIFICATIONS

GENERAL SPECIFICATIONS

Enclosure: Carbon loaded glass-filled polyester (colour: black)

Surface resistance: $<10^9\Omega$

Handset: Conductively coated polycarbonate handset with coiled cord or stainless steel spiral cord. Noise cancelling options. Extended cord lengths available.

Keypad: Weather-sealed tactile digital keypad

Hookswitch: Electronic with no mechanical moving parts

Weather Ingress protection: Up to IP66

Ringling: Shrill warble tone >90 dBA @ 1 metre typical. Internal volume control.

Power Supply: Drawn from telephone line

Integral Ring Detector: Contact closure following the ringing cadence, rated at 230Vac, 3A r.m.s.

Isolated hookswitch sensor: Additional contact rated at 230 V ac, 150mA r.m.s.

Parallel Terminal Block: Duplicated line terminals allows connection to a parallel device without an additional junction box.

Time Out: Enforces a fixed call maximum time limit to 7 minutes from lifting of the handset. User selectable ON or OFF

Dialling system: LD or DTMF (switchable)

Recall Button: Internally switchable from Earth Loop Recall (600ms pulse) and Timed Break Recall 100ms, 250ms or 600ms.

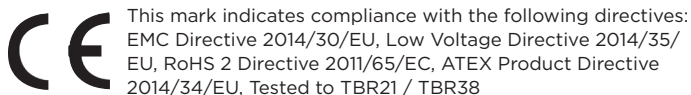
Certified Operating Temperature: -20° C up to $+60^{\circ}$ C

Relative Humidity: Up to 95% (non-condensing)

Weight: approx. 3.2 kg

Headset: The **headset cord** is approximately 820mm long and can extend to approximately 2m. The **headset extension** lead will allow the operator to use the headset over 6 metres away from the telephone.

APPROVALS



The GAI-TRONICS Management System has been approved by LRQA to ISO9001, and ISO 14001.

Telephone Compliance

Baseefa14ATEX0362

- II 2G Ex e ib mb IIC T4 Gb ($-20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$)
- II 2G Ex e ib mb IIC T5 Gb ($-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$)
- II 2D Ex ib tb IIIC T180°C Db ($-20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$)

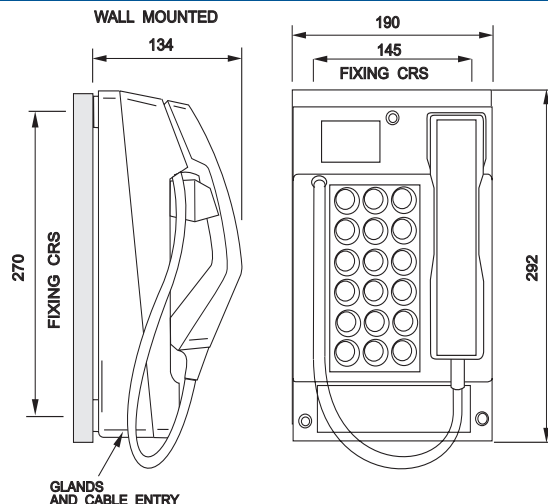
IECEx BAS 14.0165

- Ex e ib mb IIC T4 Gb ($T_a = -20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$)
- Ex e ib mb IIC T5 Gb ($T_a = -20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$)
- Ex ib tb IIIC T180°C Db ($T_a = -20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$)

Headset Compliance

- II 2G EEx ib IIC T4 ($-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$) TUV03ATEX2124

DIMENSIONS



ORDER INFORMATION

Auteldac 5 Curly Cord	
18btn standard unit	212-02-5028-000
18btn + headset socket*	212-02-5028-010
CB standard unit	212-02-5020-000
CB + headset socket*	212-02-5020-010
CB blk 320mm n/c	212-02-5020-400
18btn blk 320mm n/c	212-02-5028-400
Auteldac 5 Stainless Steel Cord	
18btn standard unit	212-02-5028-100
18btn + headset socket*	212-02-5028-110
CB standard unit	212-02-5020-100
CB + headset socket*	212-02-5020-110
CB blk 745mm n/c	212-02-5020-500
18btn blk 745mm n/c	212-02-5028-500
Headset & Plug for Auteldac 5	
*Headset & Plug	100-02-0598-001
Extension cord for Headset	610-35-2036-001

*Note:

The specified headset is suitable for use with the Auteldac 5. Other headsets should not be used.

Please note that the headset is ATEX Certified only (not IECEx or Inmetro)

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CONNECTION OPTIONS

