

Auteldac 5

ATEX Approved Hazardous Area Telephone



*Image for illustration purposes only

- II 2 GD & II 2 G ATEX Certified telephone for Gas and Dust
- Zone 1 & 2, Zone 21 & 22 Compliant models
- (R&TTE Directive 1999/5/EC and ATEX Product Directive 94/9/EC)
- IECEx certified
- Fully compliant with TBR21 (ES203 021) / 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: $<10^9$ ohms

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

Keypad: Weathersealed 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 250Vac, 3A.

Isolated hookswitch sensor:

Additional contact rated at 250Vac, 150mA

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. 3.1 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



This mark indicates compliance with the following directives: R&TTE Directive 1999/5/EC, RoHS 2 Directive 2011/65/EC, ATEX Product Directive 94/9/EC, Tested to TBR21 (ES203 021) / TBR38)

The GAI-Tronics Quality Management System has been approved by LRQA to ISO9001:2008 & ISO 14001:2004 Certificate No. 861888 and OHSAS 18001:2007 Certificate No. 4004472

Telephone compliance

Baseefa14ATEX0362

ⓧ II 2G Ex e ib mb IIC T4 Gb ($-20^{\circ}\text{C} \leq \text{Ta} \leq +60^{\circ}\text{C}$)

ⓧ II 2G Ex e ib mb IIC T5 Gb ($-20^{\circ}\text{C} \leq \text{Ta} \leq +50^{\circ}\text{C}$)

ⓧ II 2D Ex ib tb IIIC T180°C Db ($-20^{\circ}\text{C} \leq \text{Ta} \leq +60^{\circ}\text{C}$)

IECEx BAS 14.0165

Ex e ib mb IIC T4 Gb ($\text{Ta} = -20^{\circ}\text{C} \leq \text{Ta} \leq +60^{\circ}\text{C}$)

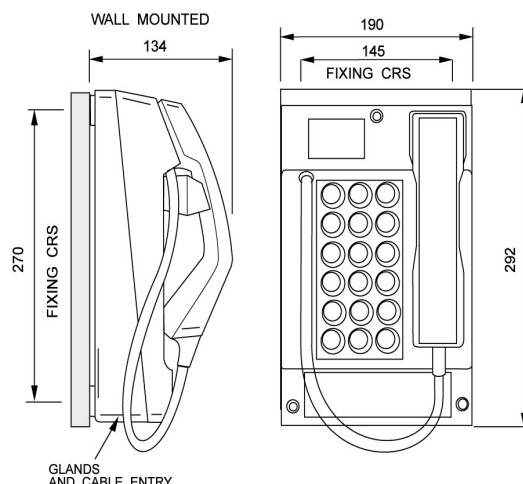
Ex e ib mb IIC T5 Gb ($\text{Ta} = -20^{\circ}\text{C} \leq \text{Ta} \leq +50^{\circ}\text{C}$)

Ex ib tb IIIC T180°C Db ($\text{Ta} = -20^{\circ}\text{C} \leq \text{Ta} \leq +60^{\circ}\text{C}$)

Headset compliance

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

Dimensions



Order Information

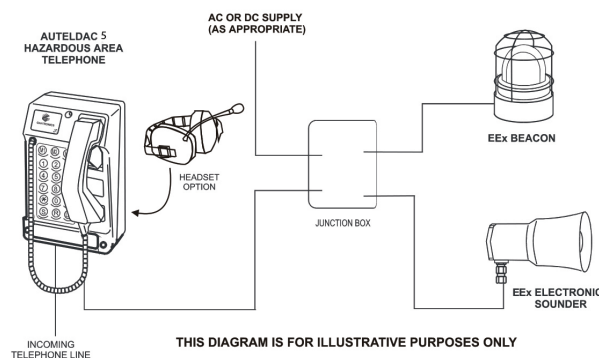
Auteldac 5 Curly Cord	
18btn standard unit	212-02-5028-000
18btn + headset socket*	212-02-5028-010
CB standard unit	212-02-5020-000
CB + headset socket*	212-02-5020-010
CB blk 320mm n/c	212-02-5020-400
18btn blk 320mm n/c	212-02-5028-400
Auteldac 5 Stainless Steel Cord	
18btn standard unit	212-02-5028-100
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)

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Connection Options



www.gai-tronics.co.uk



UK: Tel: +44 (0) 1283 500500
USA: Tel: +1 (610) 777-1374
Italy: Tel: +39 02 4860 1460
Malaysia: Tel: +60-3-8945-4035
Australia: Tel: +61-28-851-5000

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