

# Auteldac 5

ATEX Approved Hazardous Area Telephone



Image for illustration purposes only

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 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.

- IECEx certified
- II 2 G & II 2 GD ATEX Certified telephone for Gas and Dust
- INMETRO Approved for Gas and Dust
- Zone 1 & 2, Zone 21 & 22 Compliant models
- (EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU)
- ATEX Product Directive 2014/34/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 to IP66
- Extended cord length available

#### 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 or Inmetro)

# 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:** Weathersealed tactile digital keypad

**Hookswitch:** Electronic with no mechanical moving parts

**Weather Ingress protection:** 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 230Vac, 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:**  $-20^{\circ}\text{C}$  up to  $+60^{\circ}\text{C}$

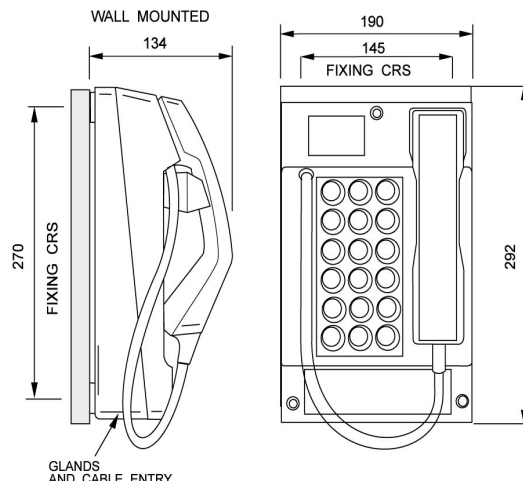
**Relative Humidity:** Up to 95% (non-condensing)

**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.

## Dimensions



## Order Information

Auteldac 5 Curly Cord	
0 button, curly cord	212-02-5020-400
0 button, curly cord with headset	212-02-5020-410
18 button, curly cord	212-02-5028-400
18 button, curly cord with headset socket	212-02-5028-410
Auteldac 5 Stainless Steel Cord	
0 button, steel cord	212-02-5020-B00
0 button, steel cord with headset socket	212-02-5028-B10
18 button, steel cord	212-02-5028-B00
18 button, steel cord with headset socket	212-02-5028-B10

\*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)

## Approvals



This mark indicates compliance with the following directives: EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU, RoHS 2 Directive 2011/65/EC, ATEX Product Directive 2014/34/EU, Tested to TBR21 / TBR38 )

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

### 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 ( $T_a = -20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ )

#### INMETRO (Brazil) IEx 15.0096

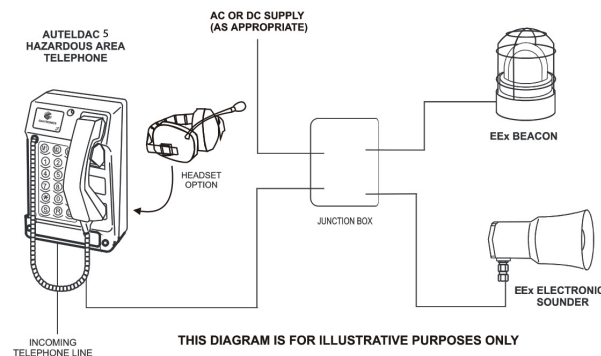
- Ex e ib mb IIC T4 Gb ( $T_a = -20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ )
- Ex e ib mb IIC T5 Gb ( $T_a = -20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$ )
- Ex ib tb IIIC T180°C Db ( $T_a = -20^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$ )

### Headset compliance

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

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## Connection Options



[www.gai-tronics.co.uk](http://www.gai-tronics.co.uk)



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