AUTELDAC 5
ATEX Approved Hazardous Area Telephone

GAI-TRONICS® HUBBELL

Image for illustration purposes only

- IECEx certified
- ⟨Ex⟩ II 2 G & ⟨Ex⟩ II 2 GD ATEX Certified telephone for Gas and Dust
- INMETRO Approved 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.

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

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.	

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

Ringing: 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° 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

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 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°C ≤ Ta ≤ +60°C)
II 2G   Ex e ib mb IIC T5 Gb (-20°C ≤ Ta ≤ +50°C)
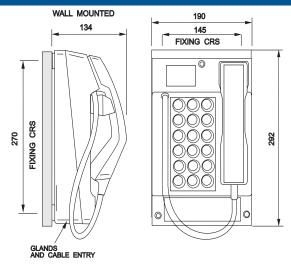II 2D   Ex ib tb IIIC T180°C Db (-20°C ≤ Ta ≤ +60°C)

IECEx BAS 14.0165
Ex e ib mb IIC T4 Gb (Ta = -20°C ≤ Ta ≤ +60°C)
Ex e ib mb IIC T5 Gb (Ta = -20°C ≤ Ta ≤ +50°C)
Ex ib tb IIIC T180°C Db (Ta = -20°C ≤ Ta ≤ +60°C)

Headset Compliance
II 2G   EEx ib IIC T4 (-20°C ≤ Ta ≤ +40°C) TUV03ATEX2124

DIMENSIONS

WALL MOUNTED

GLANDS AND CABLE ENTRY

FIXING CRS

ORDER INFORMATION

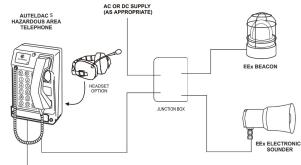| Auteldac 5 Curly Cord	
18btn standard unit	212-02-5028-000
18btn InMetro Approved	212-02-5028-004
18btn + headset socket*	212-02-5028-010
CB standard unit	212-02-5020-000
CB + headset socket*	212-02-5020-010
CB blk 320mm n/c	212-02-5020-400
18btn blk 320mm n/c	212-02-5028-400
Auteldac 5 Stainless Steel 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)

T: +44 (0) 1283 500500   E: sales@gai-tronics.co.uk

CONNECTION OPTIONS

AUTELDAC 5 HAZARDOUS AREA TELEPHONE

AC OR DC SUPPLY (AS APPROPRIATE)

EEx BEACON

HEADSET OPTION

JUNCTION BOX

EEx ELECTRONIC SOUNDER

INCOMING TELEPHONE LINE

THIS DIAGRAM IS FOR ILLUSTRATIVE PURPOSES ONLY