

Auteldac 5

ATEX Approved Hazardous Area Telephone

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.

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.

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

Handset Options

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



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.



For illustration purposes only



IEC Ex Certified

Ex II 2 G & Ex II 2 G ATEX Certified telephone for Gas and Dust

INMETRO Approved for Gas and Dust Zone 1 & 2, Zone 21 & 22 Compliant models

CE (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

General Specifications

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

Surface resistance: This value should be <10 to the power of 9. Can also be <1,000M Ohm

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: -40 C up to +60 C

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

Weight: approx. 3.2 kg

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 eb ib mb IIC T4 Gb ($-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$)
- Ⓜ II 2G Ex eb ib mb IIC T5 Gb ($-40^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$)
- Ⓜ II 2D Ex ib tb IIIC T180°C Db ($-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$)

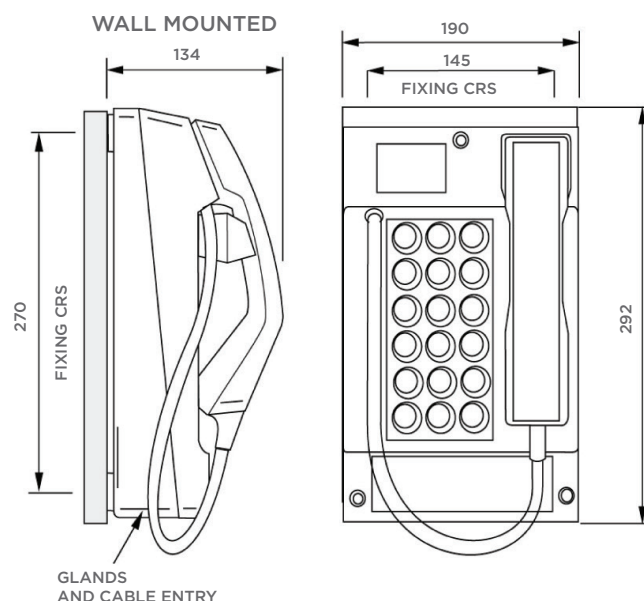
IECEX BAS 14.0165

- Ex eb ib mb IIC T4 Gb ($T_a = -40^{\circ}\text{C}$ to $+60^{\circ}\text{C}$)
- Ex eb ib mb IIC T5 Gb ($T_a = -40^{\circ}\text{C}$ to $+50^{\circ}\text{C}$)
- Ex ib tb IIIC T180°C Db ($T_a = -40^{\circ}\text{C}$ to $+60^{\circ}\text{C}$)
- Dust certified models only

INMETRO (Brazil) IEx 15.0096

- Ex e ib mb IIC T4 Gb ($-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$)
- Ex e ib mb IIC T5 Gb ($-40^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$)
- Ex ib tb IIIC T180°C Db ($-40^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$)

Dimensions



Ordering Codes

Auteldac 5 Curly Cord	
0 button, curly cord	212-02-5020-400
18 button, curly cord	212-02-5028-400
18 button, curly cord, w/headset lead	212-02-5028-420
18 button, 1.5M-5M curly cord	212-02-5028-600
18 button, 1.5M-5M curly cord w/headset lead	212-02-5028-620
Auteldac 5 Stainless Steel Cord	
0 button, steel cord	212-02-5020-B00
18 button, steel cord	212-02-5028-B00
18 button, steel cord w/headset lead	212-02-5028-B20
18 button, 3M steel cord	212-02-5028-F00
18 button, 3M steel cord, w/headset lead	212-02-5028-F20
Headset for Auteldac 5	
Headset w/helmet attach	988-00-9088-001
Headset w/ headband	988-00-9089-001

Connection Options

