Auteldac 5

ATEX Approved Hazardous Area Telephone

GAI-TRONICS®

*Image for illustration purposes only

- $\langle Ex \rangle$ II 2 GD & $\langle Ex \rangle$ II 2 G ATEX Certified telephone for Gas and Dust
- **Zone 1 & 2, Zone 21 & 22 Compliant models**
- CE (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.	

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

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 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° 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

CE

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°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
134
270 FIXING CRS
GLANDS AND CABLE ENTRY
190
145 FIXING CRS
292
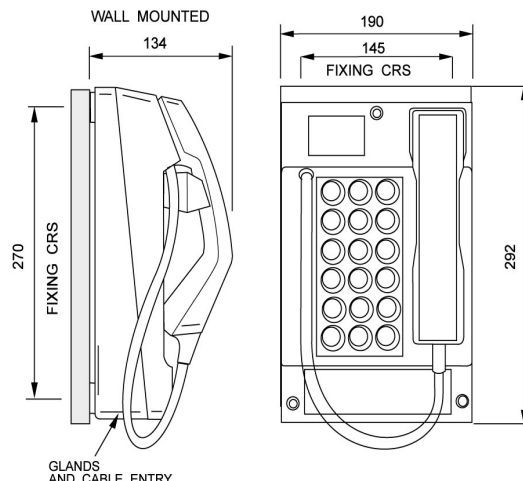
Order Information

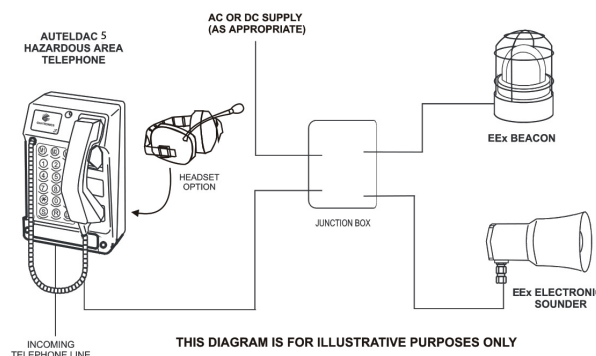| Auteldac 5 Curly Cord	
18btn standard unit	212-02-5028-000
18btn + headset socket*	212-02-5028-010
CB standard unit	212-02-5020-000
CB + headset socket*	212-02-5020-010
CB blk 320mm n/c	212-02-5020-400
18btn blk 320mm n/c	212-02-5028-400
Auteldac 5 Stainless Steel Cord	
18btn standard unit	212-02-5028-100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

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Connection Options

AUTELDAC 5 HAZARDOUS AREA TELEPHONE
HEADSET OPTION
INCOMING TELEPHONE LINE
AC OR DC SUPPLY (AS APPROPRIATE)
JUNCTION BOX
EEx BEACON
EEx ELECTRONIC SOUNDER
THIS DIAGRAM IS FOR ILLUSTRATIVE PURPOSES ONLY

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