Auteldac 4

ATEX Approved Hazardous Area Telephone

- **Ex II 2 GD & Ex II 2 G ATEX Certified telephone for Gas and Dust**
- **Zone 1 & 2, Zone 21 & 22 Compliant**
- **CE (R&TTE Directive 1999/5/EC and ATEX Product Directive 94/9/EC)**
- **IEC Ex certified**
- **GOST-R & INMETRO Approved for Gas**
- **Fully compliant with TBR21 / TBR38**
- **Full keypad with 3 programmable memory buttons, or CB variant**
- **Headset Option**
- **90dB sounder (adjustable)**
- **Secondary beacon / external sounder actuator**
- **Robust and weather resistant (IP66 with curly cord, IP54 with steel cord)**
- **Industry standard robust handset c/w curly cord or armoured stainless steel**
- **Noise cancelling versions available**
- **Dual purpose design for wall or desk mounting, simple installation**

The Auteldac 4 (A4) telephone has secured ATEX and IEC approval to provide a tough, weather resistant unit, built to withstand arduous industrial atmospheres and environmental extremes.

Certified for safe operation in hazardous areas, the Auteldac 4 body is made from carbon loaded glass filled polyester to eliminate rust and corrosion.

The elimination of moving parts maintains a high level of reliability to industrial and weather resistant telephones.

Features such as 'electronic on-hook sensing' and 'electronic tone ringer' enable an enclosure protection up to IP66. Should the handset be left off-hook, the A4 will automatically revert to on-hook state after a period of 6-8 minutes (this option can be disabled).

Auteldac 4 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 4 has the option of a headset.

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.

Keypad Options:

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. Autodial on handset lift also available.

TECHNICAL SPECIFICATIONS (please refer to technical manual for full product details)

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:
IP66 curly cord, IP54 steel cord

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, 5A.

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 6-8 minutes from lifting of the handset. User selectable.

Dialling system: LD or DTMF (switchable)

Recall Button:
Internally switchable from Earth Loop Recall (600ms pulse) and Timed Break Recall 98ms, 250ms or 604ms.

Certified Operating Temperature:
-20° C up to +55° C (-40° C to +50° C for GOST-R)

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

Weight: approx. 3.1 kg

APPROVALS

CE This mark indicates compliance with the following directives; R&TTE Directive 1999/5/EC, ATEX Product Directive 94/9/EC, Tested to TBR21 / 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
Baseefa03ATEX0617

Ex II 2 GD (curly cord, no headset)   Ex ibD tb IIIC T180°C,
Ex e ib mb IIC T4 Gb (-20°C to +55°C) T5 Gb (-20°C to +50°C)

Ex II 2 G (steel cord and/or headset versions)
Ex e ib mb IIC T4 Gb (-20°C to +55°C) T5 Gb (-20°C to +50°C)

IECEx BAS 05.0060 Ex e mb ib IIC T4 (-20°C to +50°C),
Ex e mb ib IIC T5 (-20°C to +50°C)

GOST-R Approval (Russia)
POCC GB.ГБ06.B00825 (-40°C to +50°C)

INMETRO Approval (Brazil) CEPEL-EX-2016/11
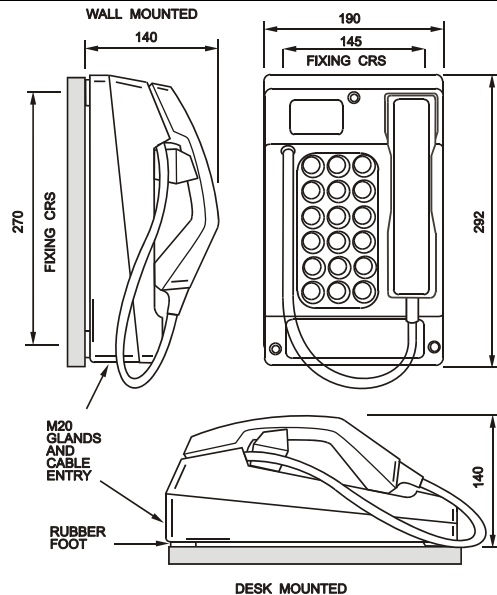BR-Ex e ib mb IIC T5 Gb (-20°C to +50°C)
BR-Ex e ib mb IIC T4 Gb (-20°C to +55°C)

Headset compliance

Ex II 2 G EEx ib IIC T4 (-20°C to +40°C) TUV03ATEX2124

GOST-R Approval POCC GB.ГБ06.B00825 (-40°C to +40°C)

DIMENSIONS:

WALL MOUNTED
140
190
145
FIXING CRS
FIXING CRS
270
292
M20 GLANDS AND CABLE ENTRY
RUBBER FOOT
140
DESK MOUNTED

ORDER CODE

Auteldac 4 Curly Cord

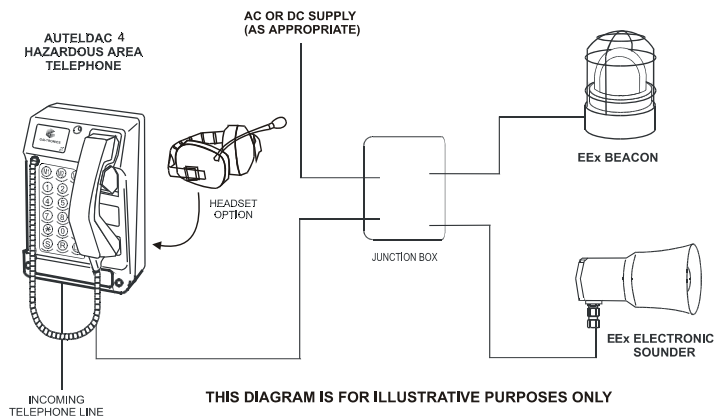|		
18btn standard unit	212-02-2008-031	Dust & Gas
18btn + headset socket*	212-02-2008-231	Gas
CB standard unit	212-02-2000-031	Dust & Gas
CB + headset socket*	212-02-2000-231	Gas

Auteldac 4 Stainless Steel Cord

18btn standard unit	212-02-2008-020	Gas
18btn + headset socket*	212-02-2008-220	Gas
CB standard unit	212-02-2000-020	Gas
CB + headset socket*	212-02-2000-220	Gas

Headset & Plug for Auteldac 4

*Headset and plug	100-02-0598-001	Gas
Extension Cord for Headset	610-35-2036-001	

CONNECTION OPTIONS

AC OR DC SUPPLY (AS APPROPRIATE)
AUTELDAC 4 HAZARDOUS AREA TELEPHONE
HEADSET OPTION
JUNCTION BOX
EEx BEACON
EEx ELECTRONIC SOUNDER
INCOMING TELEPHONE LINE
THIS DIAGRAM IS FOR ILLUSTRATIVE PURPOSES ONLY