Auteldac 4

ATEX Approved Hazardous Area Telephone

- ⟨Ex⟩ **II 2 G ATEX certified telephone**
- CE **(R&TTE Directive 1999/5/EC and ATEX Product Directive 94/9/EC)**
- **IEC Ex certified, GOST Approved**
- **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 up to IP66**
- **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 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 handset has a choice of armoured stainless steel or curly cords.

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.

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 available. Extended cord lengths available.

Keypad:
Weathersealed tactile digital keypad

Hookswitch:
Electronic with no mechanical moving parts

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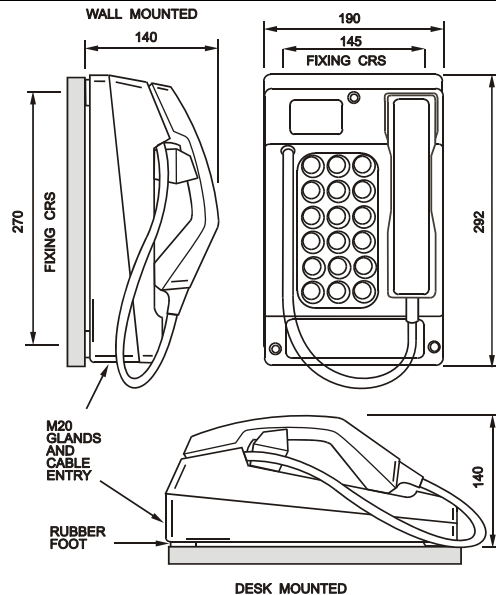Internally switchable from Earth Loop Recall (600ms pulse) and Timed Break Recall 98ms, 250ms or 604ms.

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

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

Weight: approx. 3.1 kg

DIMENSIONS:

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

ORDER CODE

Auteldac 4 Curly Cord

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

Auteldac 4 Stainless Steel Cord

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

Headset & Plug for Auteldac 4

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

CONNECTION OPTIONS

AUTELDAC 4 HAZARDOUS AREA TELEPHONE

AC OR DC SUPPLY (AS APPROPRIATE)

HEADSET OPTION

JUNCTION BOX

EEx BEACON

EEx ELECTRONIC SOUNDER

INCOMING TELEPHONE LINE

THIS DIAGRAM IS FOR ILLUSTRATIVE PURPOSES ONLY
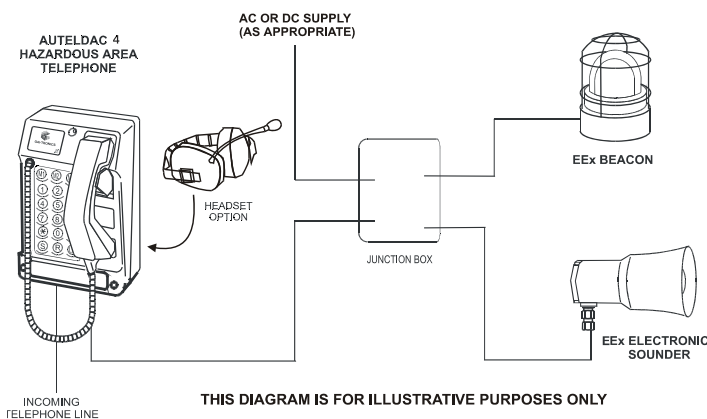
APPROVALS

Telephone compliance

⟨Ex⟩ II 2 G EEx e m ib IIC T5 (-20°C≤T_a≤50°C) Baseefa03ATEX0617

IECEx BAS 05.0060 Ex e mb ib IIC T5 (-20°C≤T_a≤50°C)

GOST Approval (Russia) **POCC GB.Б06.B00377** (-40°C≤T_a≤50°C)

Headset compliance

⟨Ex⟩ II 2 G EEx ib IIC T4 (-20°C≤T_a≤40°C) TUV03ATEX2124

GOST Approval (Russia) **POCC GB.Б06.B00377** (-40°C≤T_a≤40°C)

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 ISO9001:2000 & ISO 14001:2004. Certificate No. 861888