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.
GAI-Tronics Telephony

Auteldac 4

ATEX Approved Hazardous Area Telephone

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

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

Surface resistance: <10^6 ohms

Handset:
Conductively coated polycarbonate handset with coiled cord or stainless steel spiral cord. Noise cancelling options. Extended cord lengths available.

Keypad:
Weatherseal 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, 5mA

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

This mark indicates compliance with the following directives: R&TTE Directive 1999/5/EC, ATEX Product Directive 94/9/EC, Tested to TBR21 / TBR38


Telephone compliance
Baseefa03ATEX0617

Order Code
Auteldac 4 Curly Cord
18 btn standard unit 212-02-2008-031 Dust & Gas
18 btn + 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
18 btn standard unit 212-02-2008-020 Gas
18 btn + 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

This diagram is for illustrative purposes only

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The policy of GAI-Tronics is one of continuous improvement; therefore the company reserves the right to change specifications without notice.