

# AUTELDAC6

Zone 1 Hazardous Area VoIP Telephone



- IECEx/ATEX Zone 1 VoIP telephone
- II 2 GD Certified for Gas and Dust
- PoE or Local Power
- Session Initiation Protocol (SIP)
- Webpage Browser Configuration
- 18 Button Keypad
- Certified Ambient Temperature Range -40°C/F to +60°C/140°F
- User Adjustable Output Sounder
- User Configurable Relay Output
- Weather Resistant to IP66
- Robust Handset with Curly or Armoured Stainless Steel Cord
- Headset Connectivity As Standard
- CE Compliant

Auteldac6 (A6) is an ATEX and IECEx Zone 1 & Zone 21 certified VoIP telephone, providing simple network connectivity extending SIP access to hazardous area industrial atmospheres and environmental extremes.

Certified for use in hazardous areas, the A6 body is made from carbon loaded glass filled polyester.

User programmable operation means 0 button/hot dial operation without additional models.

A6 telephone has a configurable relay output fitted as standard, which may be used for ring strobe activation or PAGA local speaker mute.

An earpiece inductive coupler is fitted as standard to aid the hard of hearing. All Auteldac 6 models have connection for certified headsets.

#### Options:

The VoIP A6 is offered with a choice of armoured stainless steel or curly handset cords.



#### 18 Button Full Keypad

The 18 buttons include 3 user programmable direct dial buttons for fast one touch dialling of pre-stored numbers or programmed for zero button hot dial.



Easy configuration: password protected intuitive web pages held within the telephone can be accessed using a browser to view, monitor and change settings within the telephone.

24/7 Availability: automatic call divert facility so that if a number or URI is not available then up to 20 cascading alternatives can be dialled automatically

# AUTELDAC6 TELEPHONE TECHNICAL SPECIFICATIONS

## GENERAL SPECIFICATIONS

**Enclosure:** Black carbon loaded glass-filled polyester

**Handset:** PC/ABS handset

Polyurethane coiled or spiral 316 stainless steel cord.

Cord length options:

- Standard coiled cord length 320mm/1.25ft extends to 1.5m/5ft
- Extended coiled cord length 1.5m/5ft extends to 3m/10ft
- Standard stainless cord length 745mm/29in
- Extended stainless cord length 3m/10ft option

**Keypad:** Weather-sealed tactile keypad

**Certified Operating Temperature:** -40°C (F) to +60°C (+140°F)

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

**Weather Ingress Protection:** IP66

**Connection Type:** Screw Terminal up to 4mm<sup>2</sup> / 11AWG

**Network Minimum Requirements:** 10/100BaseT

**Power Supply:**

- External 24V min, 48V max dc or
- IEEE Compliant Power-Over-Ethernet (PoE).  
Alternative b) power on spare pairs only, not data pair.  
Draws up to 3.5W.

**Call Set-up:** Session Initiation Protocol (SIP)

(RFC 3261 compliant)

**Codes & Audio:** G.711 A-Law G.711  $\mu$ -Law G.729

Codec preference sequence, DTMF in band/out of band

(RFC2883), user programmable comfort tones

(nation specific)

**Security:** Password protected

**Quality of Service:** Priority of IP Packets according to TOS

**Reliability:** MTBF 44,711 hours

**Redundancy:** Supports up to 4 SIP proxies

**Configuration:** Via configuration file or on-board password protected web page server. Static IP address or DHCP provisioning.

**Monitoring:** Automatic fault reporting via Syslog messaging or SNMP.

**Audio Path Testing:** Allows remote testing of handsets, to verify that a phone is functioning acoustically. Can be run on demand or on a scheduled basis, reporting its results via Syslog and/or SNMP

**Update Server:** Configuration and Firmware update via TFTP

**Memory Dialling:** Numbers or URIs (with comfort tones)

**Configurable Call Lists:** Max 20 entries which divert to next in list if the call fails

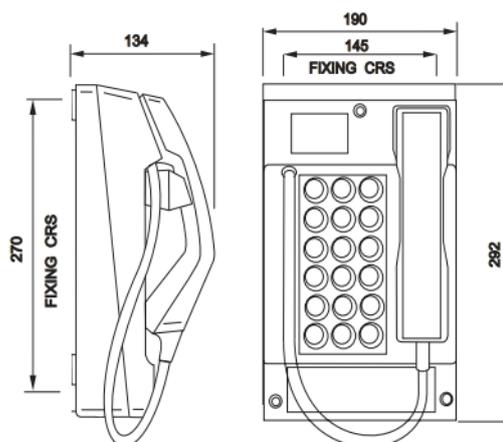
**External I/O:** Single Relay contact pair rated for external beacon or sounder. User configurable activation e.g. on ringing cadence. Contact rating 5Amps @250 V ac max.

**Time/Date:** Simple Network time Protocol with time zone and daylight saving.

**Ringling:** User configurable output level via configuration file or web page, up to 90db @ 1 metre typical.

**Weight:** approx. 3.5 kg (7.7lbs)

## DIMENSIONS



## CERTIFICATIONS

Ex II 2 G D

Ex eb ib mb IIC T4 Gb (-40°C ≤ Ta ≤ +60°C)

Ex ib tb IIIC T135°C Db (-40°C ≤ Ta ≤ +60°C)

UKEx - CML 21UKEX5883

ATEX - CML 19ATEX5496

IECEX - CML 19.0187

InMetro IEx 21.052

CCC: 2020312310000298

## ORDER INFORMATION\*

212-02-6008-410	Standard Length Curled Cord
212-02-6008-510	Standard Length Stainless-steel Cord
212-02-6008-610	Extended Length Curled Cord
212-02-6008-710	Extended Length Stainless-steel Cord
100-02-0598-001	ATEX Only Headset
100-02-6001-001	Headset cable kit for use with headset 100-02-0598-001 only
988-00-9088-001	IEC & ATEX Headset for Hardhat
988-00-9089-001	IEC & ATEX Headset with Headband
100-02-6002-001	Headset cable kit for use with 988-00-9088-001 and 9089-001 headsets only

T: +44 (0) 1283 500500 E: sales@gai-tronics.co.uk

Note\* IECEx and ATEX numbers only. For any other certification part numbers contact the sales team



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