



- Standard and SMART Analogue and VoIP-SIP options available
- Vandal Resistant Handset and Cord
- Weather proof protection to IP66
- Full keypad, full keypad with memory, CB and 1, 3 and 6 button programmable autodialler telephones
- 2 x RJ45 Connectors as option for VoIP*
- Audio Path Testing
- Multi purpose design for wall or post mounting, simple installation
- Large tactile buttons, easy to see and operate
- Inductive Coupler fitted as standard for hard of hearing
- Standard or customised units
- CE Compliant

Titan's aluminium body is robust and designed to last longer in hostile outdoor environments. Along with weather and vandal resistance, the Titan range meets the acoustic performance, reliability and varying applications demanded by today's markets.

Titan is simple to install with fixings concealed from view giving increased security from vandalism. Cable entries are via water-tight glands while push buttons are weather sealed. Its spring loaded door also gives extra weather protection to the telephone. Connectivity options are:

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.

SMART Analogue

Self Monitoring And Reporting Telephone can be integrated with GAI-Tronics' TMA monitoring and maintenance software. SMART gives advanced features including remote programming, fault monitoring and call logging, all from a line-powered telephone capable of operating up to 7km from the exchange on a two-wire cable.

Voice over IP (SIP protocol)

GAI-Tronics VoIP-SIP telephones support Power over Ethernet (PoE) to combine power and connection to LAN or WAN. GAI-Tronics telephones now feature a secondary

RJ45 port option which allows two or more telephones to be connected in series*. GAI-Tronics VoIP-SIP phones offer a wealth of additional features including real-time reporting via Syslog, and can be configured by web browser.

Keypad Options:

15 & 18 button Full Keypad

Included in the 18 button touch version, are 3 direct dial buttons for fast one touch dialling of pre-stored numbers or accessing low cost call facilities. The 15 and 18 keypad versions include: **S** 'Microphone mute' or 'Silence', **R** 'Recall', **LR** 'Last number redial

1, 3, 6 & 18 button Autodiallers

These models are programmable via an internal keypad. A microphone muting facility guards against unauthorised calls made with a remote MF tone pad. To make a call, simply lift the handset and press a single button. The pre-programmed number (up to 24 digits) will then dial automatically.



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.



* Contact GAI-Tronics for clarification of application

Titan Telephone - Technical Specifications

General Specifications

Casing Material: Die cast aluminium, epoxy powder coated.
Colours: yellow, other colours to special order

Handset Material: Cycloy with stainless steel spiral cord.
Noise cancelling handset version available.

Keypad: Weathersealed tactile digital keypad. Silicone rubber material, resistant to most chemicals and solvents

Temperature: Operating: -20° C to +60° C
(Full dialler analogue: -40° C to +60° C)

Storing: -40° C to +70° C

Weather Resistance: Door open - up to IP65
Door closed - IP66

Ring Tone: Shrill warble tone 80 dBA @ 1 metre typical

Hookswitch: Electronic / magnetic with no visible moving parts

M.T.B.F.: Calculated to have an M.T.B.F. in excess of 50,000 hours using MIL-HDBK-217F Notice 2

Weight: Up to 5 kg depending on option

Standard Analogue

Dialling: LD (pulse) or MF (tone). User selectable

Time Out: Enforces a fixed call maximum time limit to 6-8 minutes from lifting the handset. User selectable

Power supply: Drawn from telephone line

Lightning / Transients: Protection to ITU-T k.21 enhanced levels

Programming: Autodial numbers are pre-programmed via an integral keypad

SMART Analogue

All the features of the standard analogue unit plus:

Remote programming: Auto-dial numbers, time-out and dial mode can be programmed over the phone line either from a tone phone or from monitoring software (TMA)

Configuration: Remotely programmable via TMA

Remote monitoring: Remote health-check and fault reporting, including handset integrity, either on a call-in or polled basis. TMA required.

Call Logging: Records call time, duration and auto-dial number used. TMA required.

Voice over IP - SIP

Connection type: 2 x RJ45 sockets (inside sealed enclosure) as option

Power supply: External 24-48Vdc or Power-Over-Ethernet (PoE 802.3af compliant). Power requirement 7W max (4W idle)

Call set-up Protocol: Session Initiation Protocol (SIP) (RFC 3261) only

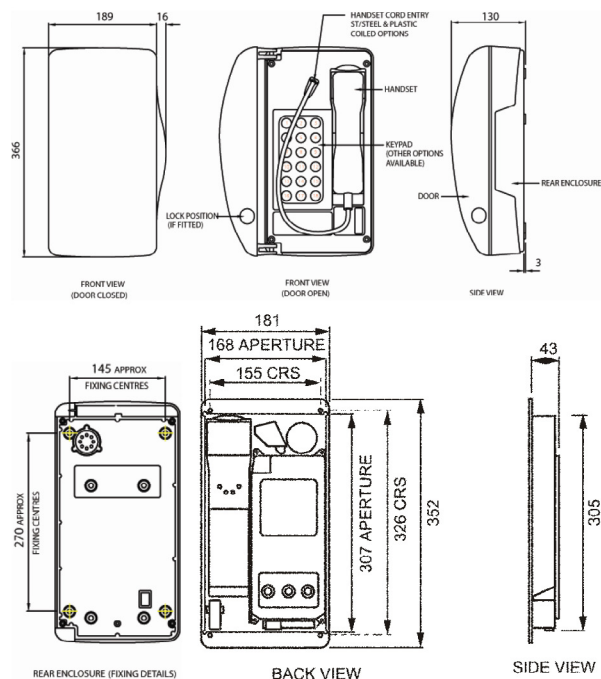
Configuration: Via configuration file or web page. Static IP address provisioning or DHCP

External I/O: 4 auxilliary inputs, 2 isolated relay outputs, capable of switching 230Vac

Monitoring and reporting: Real-time over TCP/IP proprietary Syslog application

Audio Path Testing: Allows remote testing of microphones and speakers, 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 email.

Dimensions



Approvals



This mark indicates compliance with the: Radio & Telecommunications Terminal Equipment Directive 1999/5/EC (R&TTE); 2011/65/EC- RoHS 2 Directive



This mark indicates compliance for inductively coupling to Hearing Aids having a 'T' switch position Tested to ETS 300-381 and in accordance with ITU-T P37.



Empowered by innovation

For specific country approval, please call

Optional Accessories

Please ask for Brochure **B150** or visit www.gai-tronics.co.uk

Order Information

For order codes and details, please contact GAI-Tronics:

T: 01283 500500, F: 01283 500400, E: sales@gai-tronics.co.uk

As well as the standard Titan range, GAI-Tronics can supply specials to order with customised options.

www.gai-tronics.co.uk



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