

Titan

Metal Bodied Weather Resistant Telephone

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

Standard Analogue The standard analogue unit provides basic telephone functions and can be connected to any standard two-wire telephone line,

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 VoIP-SIP phones offer a wealth of additional features including real-time reporting via SNMP and can be configured by web browser.

Features

- Analogue and VoIP-SIP options available
- Vandal resistant handset and cord
- Weatherproof protection to IP66
- Full keypad with memory, 0 and 6 button programmable auto-dialler available
- Audio Path Testing (VoIP only)
- Dual purpose design for wall or desk 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



18 Button

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



6 Button Auto-dialer

6 Auto-dialer includes 6 programmable auto dial pushbuttons. To make a call, simply lift the handset and press a single button. The programmed number (up to 24 digits) will then dial automatically.



0 Button Auto-dial

Auto-dial on handset lift. This can be used to initiate an autodial call or lift handset and wait for a reply call. The programmed number will dial automatically

General Specifications

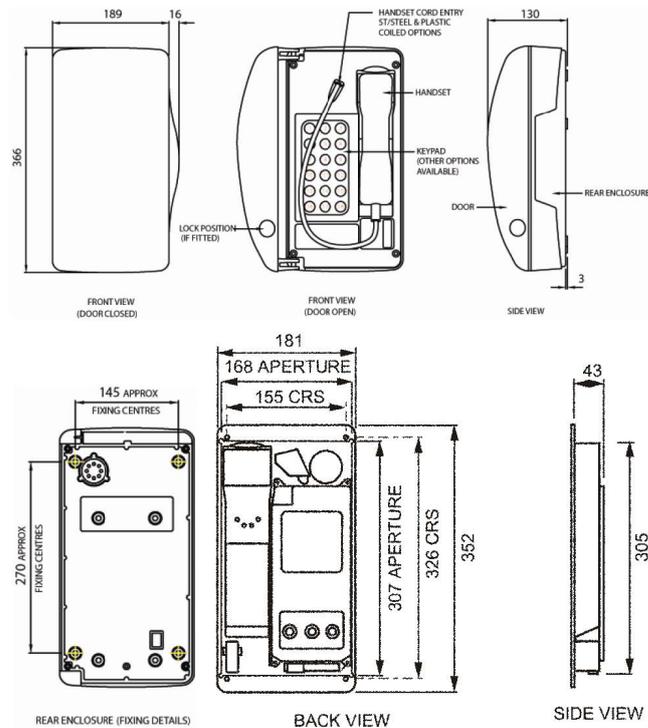
- Casing Material: Die cast aluminium, epoxy powder coated
- Colours: yellow, other colours to special order
- Handset Material: Cycloy with stainless steel spiral cord
- Noise cancelling handset version available
- Keypad: Weather-sealed tactile digital keypad. Silicone rubber material, resistant to most chemicals and solvents
- Operating Temperature:
 - 20° C to +60° C (Analogue models)
 - 40° C to +60° C (VoIP models)
- Storing Temperature: -40° C to +70° C
- Weather Resistance:
 - Door open - up to IP65; Door closed - IP66
 - Note (IP66 rating applies to the rear enclosure. Rating does not apply to the volume between the faceplate and door)*
- Ringing 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: Auto-dial numbers are pre-programmed via an integral keypad

Voice over IP/SIP

- Power Supply: External 24-48 V dc 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 auxiliary inputs, 2 isolated relay outputs, capable of switching 230Vac
 - Output 1 (Titan, Commander and Help Point): 2A* at 250Vac, 2A* at 30Vdc
 - Output 1 (Titan and Help Point): 2A* at 42.4Vpk ac, 2A* at 30Vdc
 - Output 2 (Titan and Help Point): 3A at 250Vac, 1A at 24Vdc
 - Output 2 (Commander): 2A* at 250Vac, 1A at 24Vdc
 - Output 2 (Sentinel): 3A at 42.4Vpk ac, 1A at 24Vdc
- Monitoring and Reporting: Real-time via SNMP. Allows remote testing of microphone and speaker, to verify that a phone is functioning acoustically. Can be run on demand or on a scheduled basis, reporting its results via SNMP.



Dimensions Drawing

Approvals



This mark indicates compliance for inductively coupling



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

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