COMMANDER
Plastic Bodied Heavy Duty Telephone

GAI-TRONICS® HUBBELL

- Standard and SMART Analogue and
- VoIP-SIP options available
- Vandal resistant handset and cord
- Robust and weather resistant: IP65 Steel cord
- Full keypad, CB and 6 button programmable auto-dialler telephones
- 2 x RJ45 Connectors as option for VoIP*
- Audio Path Testing
- 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
- Handset cord length options
- CE Compliant

The **Commander** family of telephones are tough, weather resistant units built to withstand abuse and environmental extremes. The Commander body is moulded in glass filled polyester to prevent rust and corrosion. It is simple to install with fixings concealed from view giving increased security from vandalism.

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 **M**onitoring **A**nd **R**eporting **T**elephone 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:
18 Button Full Keypad
The 18 button keypad versions include:
S 'Microphone mute' or 'Silence', **R** 'Recall', **LR** 'Last number redial', and 3 programmable auto-dial

6 Button Auto-dialler
Model 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.

*Please note that the headset is ATEX Certified only (not IECEx or Inmetro)

GENERAL SPECIFICATIONS

Casing Material: Glass filled polyester.

Colours: yellow, other colours to special order

Handset Material: Cycoloy with stainless steel spiral cord, or curled cord

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

Operating Temperature: -20° C to +60° C

Weather Resistance: Up to IP65 steel cord/ IP66 curly cord

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: 3 kg approx

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

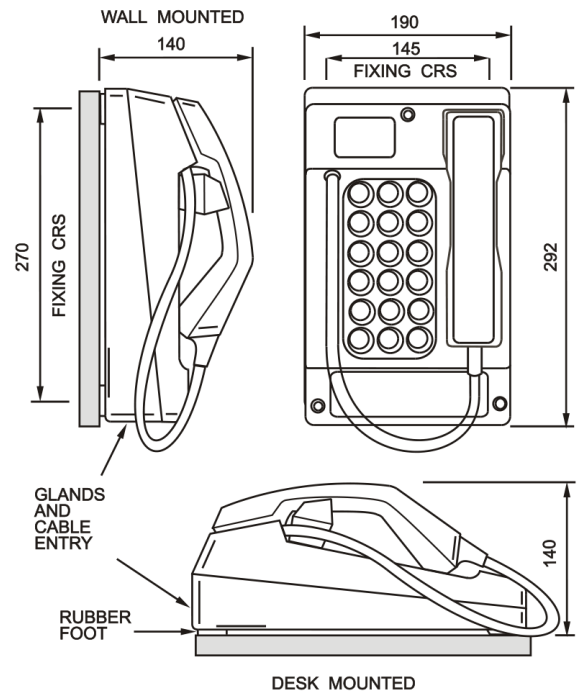**Lightning / Transients**: Protection to ITU-T k.21 enhanced levels

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 24-48 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

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

WALL MOUNTED

140 · 190 · 145 · FIXING CRS · 270 · FIXING CRS · 292

GLANDS AND CABLE ENTRY

RUBBER FOOT · 140

DESK MOUNTED

APPROVALS

$C \epsilon$ This mark indicates compliance with the following directives: EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU, RoHS 2 Directive 2011/65/EC.

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

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

GAI-TRONICS®

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