

# COMMANDER

Plastic Bodied Heavy Duty Telephone



- Standard and SMART Analogue and VoIP-SIP options available
- Vandal resistant handset and cord
- Robust and weather resistant: IP65
- Full keypad, CB and 1, 3 and 6 button programmable autodialler telephones
- Audio Path Testing for VoIP\*
- 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 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:

#### 18 button Full Keypad

The 18 button keypad version includes: S 'Microphone mute' or 'Silence', R 'Recall', LR 'Last number redial'

#### 1, 3 & 6 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

# Commander Telephone - Technical Specifications

## General Specifications

**Casing Material:** Glass filled polyester.

Colours: yellow, other colours to special order

**Handset Material:** Cycloy with stainless steel spiral cord, or curled cord

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

**Operating temperature:** -20° C to +60° C

**Weather Resistance:** Up to IP65

**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:** 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 24-48Vdc 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

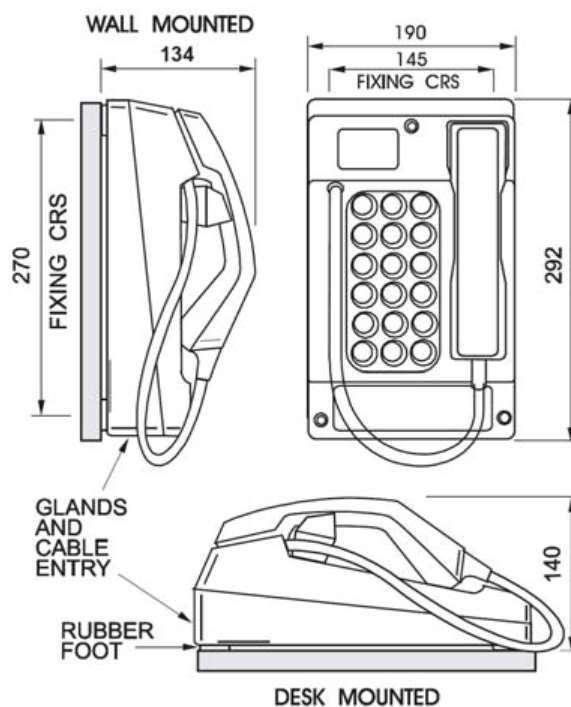
**Configuration:** Via configuration file or web page. Static IP address provisioning or DHCP

**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 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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## Optional Accessories

Please ask for Brochure B150 or visit [www.gai-tronics.co.uk](http://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](mailto:sales@gai-tronics.co.uk)

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

[www.gai-tronics.co.uk](http://www.gai-tronics.co.uk)



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