

VR (HELP POINT)

Hands-Free Vandal Resistant Telephone



- **SMART Analogue and VoIP-SIP options available**
- **Vandal Resistant Metal Buttons**
- **Hands-free operation**
- **Robust and weather resistant: Up to IP65**
- **One, two or three button autodial options with remote programming**
- **Dual purpose design for flush or surface mounting, simple installation**
- **2 x RJ45 Connectors as option for VoIP¹**
- **Optional Induction Loop facility for hearing impaired²**
- **Line powered down to 25mA (Analogue models)²**
- **Optional mains supply adapter**
- **Non-volatile memory store**
- **Audio-visual ring indication**
- **CE Compliant**

The VR Help Point family of telephones is fully electronic, vandal and weather resistant. It provides hands-free loudspeaking communications for any public area.

Incoming calls are indicated by a flashing LED and audible warble tone.

Connectivity options are:

SMART 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.

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 series¹. GAI-Tronics VoIP-SIP phones offer a wealth of additional features including real-time reporting via Syslog, and can be configured by web browser.

Pushbutton Options:

Units are available as multi or single button autodiallers providing on/dial/off functions

1, 2 & 3 button Autodiallers:

These models are programmable with numbers up to 24 digits. A microphone muting facility guards against unauthorised calls made with a portable MF tone pad.

CB Telephone (with memory):

This can be used as a 'hotline' or press 'ON' and wait for reply.



¹ Contact GAI-Tronics for clarification of application

² On the Analogue version, the induction loop requires additional 12Vdc power supply (included). On the VoIP version, the induction loop requires no additional power

VR (Help Point) - Technical Specifications

General Specifications

Casing Material: Front face plate mounting: aluminium sheet, polyester powder coat finish – Colour: silver grey – call for other options. Rear enclosure (if required)

Push Buttons: Metal, vandal resistant

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

Storing: -40° C to +70° C

Weather Resistance: up to IP65 dependent on installation
Please call for advice on application

Weight: 2kg

With backbox (sold as separate item) total weight is 4kg

Analogue

Speech: Voice-switched (VOX) semi-duplex operation.

Call timeout programmable from 1 to 42 minutes

Remote switch-off capability

Dialling: Autodial keypad single-press switch-on-and-dial
24 digits maximum with embedded Recall, Pause, Pulse & Tone characters

Ringing: Dual tone ringing through loudspeaker >75 dB @ 1m REN 1

Power Supply: Line powered only operation down to 25mA. Supplementary power 12Vdc 250mA. Below 35mA line current supplementary power is recommended to achieve full volume.

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

Memory Retention (autodiallers): E2 Prom - 10 year life

Options:

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, 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

Speech: Full duplex, 6 codecs available inc G.711 + G.722

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 (1 capable of switching 230Vac)

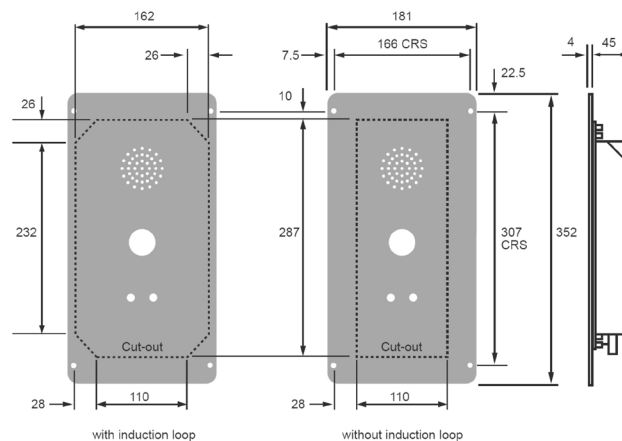
Monitoring and reporting: Real-time over TCP/IP proprietary Syslog application

Multicast (Only applicable to hands-free products) allows a single audio stream to be received by multiple endpoints simultaneously, to achieve multi-point paging or Public Address functionality over IP. (Requires a multicast compliant SIP server). 8 definable multicast address ranges,

with individual priority levels, for zoning. Assignable rely outputs and splash tones.

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 (Flush Mounting)



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
Optional Induction Loop for hearing impaired
Tested to CTR21



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

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

Item Description	Part Number
VR 1 Button Analogue faceplate	228-02-2001-901
VR 2 Button Analogue faceplate	228-02-2002-901
VR 3 Button Analogue faceplate	228-02-2003-901
VR 1 Button VoIP-SIP faceplate	112-02-0011-001
VR 2 Button VoIP-SIP faceplate	112-02-0012-001
VR 3 Button VoIP-SIP faceplate	112-02-0013-001
Rear enclosure box (grey)	100-02-0257-001

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

www.gai-tronics.co.uk



UK: Tel: +44 (0) 1283 500500
USA: Tel: +1 (610) 777-1374
Italy: Tel: +39 02 4860 1460
Malaysia: Tel: +60-3-8945-4035
Australia: Tel: +61-28-851-5000

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