



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 standard for VoIP**
- **Optional Induction Loop facility for hearing impaired¹**
- **Line powered down to 25mA (Analogue models)¹**
- **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 which allows two or more telephones to be connected in series via the network. 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.



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

¹ On the Analogue version, the induction loop requires additional 12Vdc power supply (included).
On the VoIP version, the induction loop requires no additional power.

GAI-Tronics Telephony

VR (Help Point)

Hands Free Vandal Resistant Telephone

TECHNICAL 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 standard

Power supply

External 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 relay 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.

APPROVALS



This mark indicates compliance with the following directives:

Radio & Telecommunications Terminal Equipment Directive 1999/5/EC (R&TTE)

2011/65/EC ROHS 2 Directive



Tested to CTR21

Optional Induction Loop for hearing impaired

This mark indicates compliance for inductively coupling to Hearing Aids having a 'T' switch position

For specific country approval, please call



Empowered by Innovation

ORDER INFORMATION

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

Part Numbers for VR Help Point:

ITEM DESCRIPTION	PART NUMBERS
VR 1 Button Analogue Help Point	228-02-2001-901
VR 2 Button Analogue Help Point	228-02-2002-901
VR 3 Button Analogue Help Point	228-02-2003-901
VR 1 Button VoIP-SIP Help Point	112-02-0011-001
VR 2 Button VoIP-SIP Help Point	112-02-0012-001
VR 3 Button VoIP-SIP Help Point	112-02-0013-001

OPTIONAL ACCESSORIES

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



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The policy of GAI-Tronics is one of continuous improvement; therefore the company reserves the right to change specifications without notice.