

GSM EMERGENCY HELP POINT

DESCRIPTION

The Jacques GSM Emergency Help Point Unit (HPU) is a robust, IP-55 rated, user friendly, reliable Help Point Station that automatically dials pre-configured phone numbers using its integrated GSM mobile phone network interface. On power-up the GSM Emergency Help Point Unit connects to the mobile phone carrier network. A call is initiated on the press of the call button by dialing the configured numbers stored on the internal SIM card phone book and calls can be answered from any PSTN telephone, mobile phone or PABX extension, providing help or support to the caller.

APPLICATIONS

The Jacques GSM Emergency HPU is suited to applications where public safety is necessary but where power or an Ethernet LAN or WAN are not available. GSM Emergency HPU's can be installed in any location where GSM network service is available.

Applications include:

- Public or national parks
- Walking tracks
- University or college campuses
- Remote & national roads
- Bus or train stations
- Construction sites
- Car parks

FEATURES & BENEFITS

- Highly visible, solid, vandal resistant unit, designed with public safety in mind
- Environmentally sealed (IP-55 rated)
- One-touch operation with hands-free communication once call is established
- Noise and echo reduction technology enabled
- Direct dialing to up to 9 pre-configured phone numbers via GSM mobile phone network
- Wireless communications; only power is required (solar power option available)
- Professional standalone intercom system with automatic detection of line busy/call disconnection
- Simple installation, low maintenance
- SMS configurable



HPU wall mount or bollard options. Colour variation available.



HOW IT WORKS

- On power-up the Jacques GSM Emergency Help Point Unit connects to the mobile phone carrier network
- In its idle state, the HPU waits for any call or SMS activity from the GSM network and waits for the call button to be pressed. A call is initiated on the press of the call button by dialing the configured numbers stored on the internal SIM card phone book
- If the call cannot be answered because the line is busy or unavailable the unit will try dialing the next number in the SIM phone book (9 numbers may be defined)
- The call is connected when the remote phone answers the call, and ended when the remote phone is hung up. An internal automatically recharging SLA battery allows operation during AC power loss

ORDERING INFORMATION

Contact a Jacques Sales Representative:
Phone: +61 7 3844 1103 for your sales quote
Email: sales@jacques.com.au
www.jacques.com.au

GSM EMERGENCY HELP POINT

SIM CARDS

Any GSM SIM card may be used in the GSM Help Point Unit. SIM cards from any mobile carrier network service and any type of billing plan may be used (eg. monthly, prepaid or call cap). If the installation of the Help Point Unit is in a rural area, consideration should be made into the carrier network's mobile coverage of the area. Little or no mobile coverage will render the help point unreliable in an emergency situation.



GSM SIM card



PRODUCT FEATURES

- Accepts incoming calls & end call with call button
- Automatic call length time out
- SMS power fail & power restore alarms
- Flashing call LED every 20 seconds to indicate functional status

MOUNTING

- The HPU can be mounted in a number of different ways, depending on the actual application
- The HPU can be mounted on a wall (left) or on a bollard
- The bollard can be mounted with or without a siren, strobe light, or solar panels

SPECIFICATIONS

GENERAL

Model	HPU-5G
Construction (front shell)	5mm die cast aluminium
Construction (front control panel)	3mm 316 type stainless steel, powder coat
Construction (back)	3mm 316 type stainless steel
Shell finish	Dulux orange powder coat & clear coating anti-graffiti lacquer
Overall Dimensions	(320w + 420h + 120d)mm
Weight	8.10 kg

POWER REQUIREMENTS

Power Source	(18 - 28) V d.c. (24 V d.c. nominal), 9.5 W max.
Int. backup battery	12 V 1.2 Ah SLA battery
Idle run time battery	Up to 10hrs (fully charged)

AUDIO CHARACTERISTICS

Output Power (speaker amplifier)	2 W rms
Speaker Parameters	Mylar water resistant 75mm diam. 3W rms, 4 Ω impedance
Output Distortion	<0.2% (0.5 W rms speaker amp output)
Microphone	Electret, omni directional, sensitivity -55 dBm

GSM INTERFACE

Output Power	2 W @ 900MHz
Antenna	3 dB gain, ground independent whip style

GSM Modem Sony Ericsson GM29, dual band

INPUTS & INDICATORS

Call Button	Red piezo button, 19mm diam.
Call LED	Green, Hi-brightness 5 mm diam.

INCLUDED PARTS

- GSM Emergency Help Point Unit w/ terminating connectors
- 24 V d.c. Power Supply
- GSM Antenna with 5 m cable terminated with FME connector
- Antenna mounting bracket

PRODUCT OPTIONS

- Custom artwork for shell & control surfaces
- External noise pickup microphone w/ 3m unterminated screened cable
- Wall mounted kit (WMP-5) for HPU-5 series option

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