

2G GSM-BASED INTERCOM SYSTEM



CENTURION



G-SPEAK™



**Wireless  
communication.  
Endless  
possibilities.**



The **G-SPEAK Classic** and **G-SPEAK Classic+** GSM-based intercom systems are ideal for people on the move. Using your mobile phone as a handset you can answer your intercom, and open your gate, from anywhere with 2G GSM coverage.

## Features and Benefits

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### Wireless convenience

You know how people are always saying 'less is more'? Well, when it comes to less wiring, we believe that less is less: less money, less time and less effort, that is! With the **G-SPEAK** 2G GSM-based intercom system, your phone acts as the intercom handset so there is no need for expensive cable runs back to the house.

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### Up the security ante

With the **G-SPEAK** system, you can answer your intercom from anywhere in the world <sup>1</sup>, giving the appearance that you are always home. This greatly enhances security and acts as a deterrent to would-be intruders. In addition, only learned-in, authorised phones are able to access the system. The **G-SPEAK Classic+** model also includes two high-security features:

- **Listen Mode**  
Mutes the microphone at the Calling Module so that you can listen inconspicuously for any activity at your gate!
- **Talk Mode**  
Use this mode to initiate a conversation with anyone who may be at your gate

## Open your gate from anywhere

The **G-SPEAK** system offers up to 100 users <sup>2</sup> the ability to open an entrance gate from anywhere in the world via a free Missed Call. You don't need to compromise the security of your home by giving your garden services or repairmen keys or remotes; you can give them limited access even if you're chilling on a beach in the Bahamas!  
You are firmly in control.

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## Control and Monitor <sup>3</sup>

With the **G-SPEAK Classic+**, we're giving you the ability to monitor and control up to four channels, independently configurable as either inputs or outputs.

**Receive SMS notifications on your mobile such as <sup>4</sup>:**

- Gate left open
- Infrared Safety Beams obstructed
- Alarm activated
- Mains power failed

**Control up to four different devices via a 'Missed Call' (free) or SMS, for example <sup>4</sup>:**

- Open your gate from anywhere in the world
  - Switch a pool pump on or off
  - Control a geyser or generator
  - Activate irrigation systems
  - Switch on lights
  - Arm an alarm
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## Easy and secure setup

Your new or existing **G-SPEAK** intercom system is administered via SMS commands sent directly from your mobile phone.

Add, delete and edit authorised users and select which **G-SPEAK** functions they can use, load airtime and configure the inputs and outputs - all by SMS!



## Your voice will be heard!

And so will the voices of your visitors! **G-SPEAK** delivers crystal-clear speech quality thanks to state-of-the-art GSM audio technology.

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## A robust monitoring solution <sup>3</sup>

Freedom, functionality and flexibility ... that's what the **G-SPEAK** promises and, with adjustable input filter and blanking times, that's exactly what it delivers! Configure your device to send you a notification only if, for example, your power has been off for more than 20 minutes or your alarm has been triggered more than twice.

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## Compact design

The combination of your intercom and your gate forms a welcoming committee for visitors, so you want to be sure that it looks good. The **G-SPEAK** Calling Module has an attractive, compact design making for an aesthetically pleasing installation. A white LED backlight makes for beautiful low-light visibility of the Calling Module.



1. 2G GSM coverage required
2. **G-SPEAK Classic** allows up to ten people to operate the automated gate
3. Not applicable to **G-SPEAK Classic** model, only **G-SPEAK Classic+** model
4. Certain functionality may require additional interface devices such as relays, isolators, etc.

## Technical Specifications

Hardware	G-SPEAK CLASSIC	G-SPEAK CLASSIC+
Input voltage	10V - 30V DC	
Current draw (including Calling Module)	Quiescent: 30mA Maximum: 300mA	
Wiring requirements (between Calling Module and GSM Controller)	6 wires; Minimum 0.2mm <sup>2</sup> Maximum 10m between Calling Module and GSM Module	
Output pulse time range	0.1 sec - 24 hr (in milliseconds)	
Network compatibility	2G GSM 850/900/1800/1900MHz	
SIM card required	Yes - Voice and Data services must be activated	
Airtime required	Yes	
Operating temperature	-20°C to +50°C	
Housing material	ABS	
Surge protection	Yes	
Channels	One - Output only	4 - individually configurable as either Inputs or Outputs
Input activation	NA	Rising Edge, Falling Edge or both
Input filter	NA	0.1 sec - 24 hr (in milliseconds)
Input blanking	NA	0.1 sec - 24 hr (in milliseconds)

Functional	G-SPEAK CLASSIC	G-SPEAK CLASSIC+
Ability to switch or monitor devices and functions	1 Output to activate device/function	4 - individually configurable as either Inputs or Outputs
Number of users	Up to 2 Voice Phones (1 per Call Button) plus up to 10 Switch Phones	Up to 4 Voice Phones (2 per Call Button) plus up to 100 Switch Phones
Special functionality	NA	Talk Mode 1 Listen Mode 1 SMS activation of Outputs
Systems Status Query	Yes, via SMS 1	
Systems Setting Query	Yes, via SMS 1	

1. SMS via Voice Phone



## User Examples

Simple, effortless dialling to dedicated numbers - easy to use and prevents abuse.

Ideal for:

- Small children to reach their parents
- Elderly persons to reach their children and care-givers
- Warehouse receiving areas



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Centurion Systems (Pty) Ltd • South Africa  
Contact number: +27 11 699 2400

