2G GSM-BASED INTERCOM SYSTEM

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

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.

Up the security ante
With the G-SPEAK system, you can answer your intercom from anywhere in the world, 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 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.

Control and Monitor

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:

- 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:

- 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

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.

A robust monitoring solution

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.

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

<table>
<thead>
<tr>
<th>Hardware</th>
<th><strong>G-SPEAK CLASSIC</strong></th>
<th><strong>G-SPEAK CLASSIC+</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage</td>
<td>10V - 30V DC</td>
<td>Quiescent: 30mA</td>
</tr>
<tr>
<td>Current draw (including Calling Module)</td>
<td>Quiescent: 30mA</td>
<td>Maximum: 300mA</td>
</tr>
<tr>
<td>Wiring requirements (between Calling Module and GSM Controller)</td>
<td>6 wires; Minimum 0.2mm²</td>
<td>Maximum 10m between Calling Module and GSM Module</td>
</tr>
<tr>
<td>Output pulse time range</td>
<td>0.1 sec - 24 hr (in milliseconds)</td>
<td></td>
</tr>
<tr>
<td>Network compatibility</td>
<td>2G GSM 850/900/1800/1900MHz</td>
<td></td>
</tr>
<tr>
<td>SIM card required</td>
<td>Yes - Voice and Data services must be activated</td>
<td>Yes</td>
</tr>
<tr>
<td>Airtime required</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-20°C to +50°C</td>
<td></td>
</tr>
<tr>
<td>Housing material</td>
<td>ABS</td>
<td></td>
</tr>
<tr>
<td>Surge protection</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

### Functional

<table>
<thead>
<tr>
<th><strong>G-SPEAK CLASSIC</strong></th>
<th><strong>G-SPEAK CLASSIC+</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ability to switch or monitor devices and functions</td>
<td>1 Output to activate device/function</td>
</tr>
<tr>
<td>Number of users</td>
<td>Up to 2 Voice Phones (1 per Call Button) plus up to 10 Switch Phones</td>
</tr>
<tr>
<td>Special functionality</td>
<td>NA</td>
</tr>
<tr>
<td>Systems Status Query</td>
<td>Yes, via SMS 1</td>
</tr>
<tr>
<td>Systems Setting Query</td>
<td>Yes, via SMS 1</td>
</tr>
</tbody>
</table>

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

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