



**G-SPEAK ULTRA** )))

## **ADVANCED 3G GSM-BASED INTERCOM SYSTEM**

Answer your intercom, and open your gate/garage, from anywhere in the world for maximum convenience and security.

Centurion is a Company of the  
FAAC Simply Automatic Business Unit

**FAAC** **50**  
Simply automatic. YEARS  
OF EXPERIENCE



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## G-SPEAK ULTRA

The **G-SPEAK ULTRA** promotes the ultimate in convenience and peace of mind by combining wireless GSM technology with Centurion Systems' futuristic and stylish ULTRA interface.

Infused with the DNA of innovation, the **G-SPEAK ULTRA** allows wireless communication between the user and the intercom gate station, effectively turning the user's phone into the intercom handset.

## 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 ULTRA** 3G GSM-based intercom system, your mobile phone and/or land-line phone acts as the intercom handset so there is no need for expensive cable runs back to the house or office.

### Up the security ante

With the **G-SPEAK ULTRA** 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.

**PLUS!** Remotely monitor activity on your **G-SPEAK ULTRA** by viewing transaction logs online or downloading them onto your computer with Centurion Systems' convenient and user-friendly web interface, **G-WEB PLUS**.

### Open your gate from anywhere

The **G-SPEAK ULTRA** system offers up to 100 users the ability to open an entrance gate from anywhere in the world via a Missed Call, SMS, or connected call with your phone's keypad. You don't need to compromise the security of your home by giving your garden services or service personnel keys or remotes; you can give them limited access even if you're chilling on a beach in the Bahamas! The new and improved **G-WEB PLUS** online interface makes it easier than ever before to suspend and enable users, or even give them time-limited access, taking all the hassle out of user administration. You are firmly in control.

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## Control and Monitor

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

**Receive SMS, Missed Call or email notifications on your mobile of events such as<sup>1</sup>:**

- Gate left open
- Infrared gate safety beams obstructed for unusual length of time
- Alarm activated
- Mains power failed

**Control up to four different devices via a Missed Call (free), your phone's keypad on a connected call or SMS, for example<sup>1</sup>:**

- Open your gate/garage from anywhere in the world
- Switch a pool pump on or off
- Control a generator
- Activate irrigation systems
- Switch on lights
- Arm an alarm

Outputs can be configured as either pulsed or latching, with user-specified pulse times for even more flexibility.

## Easy and secure setup

Your new or existing **G-SPEAK ULTRA** intercom system may be administered via SMS commands sent directly from your mobile phone, or via our **G-WEB PLUS** online interface. Add, delete and edit authorised users and select which **G-SPEAK ULTRA** functions they can use and configure the inputs and outputs - all by SMS! Alternatively you can do all of this plus a whole lot more by using Centurion Systems' web interface, **G-WEB PLUS**, which means managing all your devices from the comfort of your home or office. PLUS:

- Remotely change settings such as passwords; call, ring and hang times; channel settings, Voice and Switch Numbers
  - Receive firmware update notifications and update firmware over-the-air
  - Monitor network balances, power supply voltage and signal strength
  - View diagnostics and event logs
  - Set up timed auto-activations
  - Add, delete, suspend users and administer their profiles
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## Easy access to diagnostics

This smart device provides intelligent feedback via a graphic user interface displaying useful system information and diagnostic messages for the complete ULTRA experience.

## Your voice will be heard!

And so will the voices of your visitors! **G-SPEAK ULTRA** delivers crystal-clear speech quality thanks to state-of-the-art GSM audio technology. **G-SPEAK ULTRA** gives you incredible flexibility with adjustable volume as well as configurable call, ring and hang times.

## Intelligent monitoring of gate status

With the **G-SPEAK ULTRA**, your peace of mind is not dependent on physical proximity, and the rules of physics can be bent so that it's almost like you're two places at once. With seamless integration with CENTSYS gate motors, your **G-SPEAK ULTRA** can be set up to let you know when your gate has been left open, or is in any other state specified by you through intelligent monitoring of the gate motor's status output. Adjustable Filter settings mean that you can specify under which conditions you are notified about a particular gate status, for example if the gate has remained open for longer than 5 minutes.

## Security, meet convenience

For even more security, flexibility and control, use the built-in Weekly and Visitor Access Modes to control access right down to the minute!

## Timed Access Control

(Weekly and Visitor) Set arrival and departure dates and times; guests will only be able to activate the device's outputs between these limits, giving you maximum security and affording your guests maximum convenience. As a special value-add developed specifically with B & B owners in mind, customised arrival and departure messages with welcoming messages, access instructions, etc., can be sent automatically to guests and visitors.

Alternatively, set weekly recurring access time-periods (for example 8am to 5pm, Monday to Friday) during which users will have access to the system.

Outside of the configured time-periods, access will be denied.

Add the ability to map inputs to outputs, customise the input and output notification messages and use the **G-SPEAK ULTRA** in advanced applications, such as industrial fridge/freezer temperature monitoring, and you have a powerful and convenient GSM-based monitoring and control solution. Up to 20 separate text messages with up to five scheduled outputs can be configured.

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Time-barring windows can be configured to block notifications, activations or specific access numbers. In addition, each call button can be individually time-barred. For example, the primary button can be time-barred so that only the secondary call button works during the evenings or early in the morning while the primary call button is disabled.

1. Certain functionality may require additional interface devices such as relays, isolators, etc.

## Revolutionising automation with auto-activation scheduling

The **G-SPEAK ULTRA** boasts a built-in 7-day timer that enables you to easily set up multiple, recurring automatic output activations for any time on any day of the week. Simply log into G-WEB PLUS and schedule your entire week's activations. The **G-SPEAK ULTRA** will take care of the rest.

- Set up schedules to automatically activate:
- Gate automation systems
- Pool pumps
- Lights
- Irrigation systems
- Roller-shutter doors

## We've got you covered!

**G-SPEAK ULTRA** units fitted with 3G penta band GSM modules and are compatible with all Australian mobile network providers.

## G-WEB PLUS

**G-WEB PLUS** is a unique offering from Centurion Systems that allows you to set up and monitor your **G-SPEAK ULTRA** devices via [www.g-web.com.au](http://www.g-web.com.au). That means you don't even have to waste precious time and expense going to site - all **G-SPEAK ULTRA** administration can be done from the comfort of your home or office!

- Keep track of access numbers and their settings as well as names and unit numbers
- Easily upload and export access numbers using Excel
- Remotely monitor airtime, voltage and signal strength for all your devices
- Effortlessly transfer between accounts

### Do G-SPEAK ULTRA your way:

Whether you want your SMS input notification to say 'Gate Activated' or something more secret agent-sounding like 'Perimeter breached', you can easily customise the message alerts using the **G-WEB PLUS** interface. With the simple click of a mouse, you can configure the outputs to respond to either a missed call free, SMS or your phone's touchpad (DTMF), be pulsed or latching, and you can even set how many times a particular number is allowed to activate an output.

### All-important security

Besides being an admin dream, **G-WEB PLUS** is also great for surveillance and site monitoring. Detailed transaction logs tell you exactly when your **G-SPEAK ULTRA** devices were activated, and by whom. You don't have to be a super sleuth with **G-WEB PLUS** keeping tabs for you!

### Over-the-air updating of firmware

Thanks to the **G-SPEAK ULTRA**'s over-the-air bootloading facility, you can allow the **G-SPEAK ULTRA** to automatically receive firmware updates from the **G-WEB PLUS** server, or alternatively you can initiate updates easily manually!

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## USER EXAMPLES

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

**Intercom functionality, ideal for:**

- Home or small office
- Farm and acreage gates
- Small children to reach their parents
- Elderly persons to reach their children and care-givers
- Warehouse receiving areas
- B & Bs and guesthouses

### **Devices that can be monitored via the inputs**

- Mains power: On/Off
- House alarm: activated
- Electric fence: alarm triggered
- Garage door: open/closed
- Fridge aboard your boat: On/Off
- Borehole pump status: Running/Off
- Water reservoir: Full/Empty
- Entrance gate status: Open/Pedestrian
- Vehicle monitoring: Ignition or alarm activated

### **Devices that can be controlled via the outputs**

- Automated entrance gates
  - Garage doors
  - Appliances, e.g. the fridge aboard your boat
  - Air conditioners
  - Borehole pumps
  - Lighting systems
  - Irrigation and water features
  - Alarm systems
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# TECHNICAL SPECIFICATIONS

<b>G-SPEAK ULTRA</b>	
Supply Voltage Range	11-24V DC
Maximum Current Draw	300mA @ 12V DC
Input/output Current Rating	50mA (Open Collector)
SIM Card	Requires Micro SIM card.  <i>Note: Ensure that all diverts (e.g. voice-mail) are cancelled. Ensure SIM card has sufficient credit for SMS and Data.</i>
Number of Configurable Input/output Channels	4
Call Buttons on Calling Module	2
Call confirmation at Calling Module	Yes
Speech volume	Adjustable at Calling Module using Call Buttons
Calling Module illumination	Call Buttons and labels with back-lit white LEDs
Memory Capacity	<ul style="list-style-type: none"> <li>• 20 Access Profiles</li> <li>• 1 Custom Welcoming SMS Message for New Access Numbers</li> <li>• 20 Custom Output Activation SMS Messages (From User to Device)</li> <li>• 30 Custom Input Notification SMS/Email Messages (From Device to User)</li> <li>• 100 Visitor Time-barring Windows (Windows are the periods between two dates)</li> <li>• 30 Generic Time-barring Windows (Windows are weekly recurring)</li> <li>• 10 Output Activation Schedules (Schedules are weekly recurring)</li> <li>• 3 Daylight Saving Periods</li> <li>• 4 Input to Output Mapping Configurations</li> </ul>
GSM	Penta-band - for use on all Australian 3G networks