



**G-SPEAK ULTRA** 

## **ADVANCED 4G GSM-BASED INTERCOM SYSTEM**

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

 A BRAND OF  
**FAAC TECHNOLOGIES**



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# G-SPEAK ULTRA

Experience unrivaled security and convenience with the **G-SPEAK ULTRA**, enabling you to answer your intercom from anywhere across the globe. This cutting-edge system merges wireless GSM technology with CENTURION's sleek and futuristic ULTRA interface, setting a new standard in convenience and peace of mind. Infused with a spirit of innovation, the **G-SPEAK ULTRA** facilitates seamless wireless communication between the user and the intercom gate station, effectively transforming your phone into a portable intercom handset.

## FEATURES AND BENEFITS

### Streamlined Wireless Experience

In the world of intercom systems, 'less is more' holds true. With the **G-SPEAK ULTRA** 4G GSM-based intercom, we've taken this to heart. Experience the benefits of reduced wiring: saving you both money and time, and requiring less effort. Your mobile and/or land-line phone seamlessly functions as the intercom handset, eliminating the need for costly cable installations back to your home or office.

### Boost Your Security

The **G-SPEAK ULTRA** system empowers you to respond to your intercom from any corner of the globe, creating the illusion of a perpetually occupied home. This significantly heightens security, serving as a powerful deterrent to potential intruders. Moreover, only pre-authorized, registered phones can gain access to the system. Plus, remotely monitor activity on your **G-SPEAK ULTRA** by viewing transaction logs online or downloading them onto your computer with CENTSYS' convenient and user-friendly web interface, **G-WEB**.

### Control Your Gate from Anywhere

With the **G-SPEAK ULTRA** system, you can grant access to up to 1500 users from anywhere in the world using the **MyCentsys Remote** mobile app or by using your phone's keypad during a connected call. No need to compromise your home's security by providing keys or remotes to external service providers. The enhanced **G-WEB** online interface makes user administration a breeze, allowing you to suspend, enable, or provide time-limited access effortlessly. Rest assured, you're in complete control.

### 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 push notifications on your mobile of events such as<sup>1</sup>:**

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

### **Control up to four different devices via the MyCentsys Remote app<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.

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

## **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** online interface and mobile app. Add, delete and edit authorised users and select which **G-SPEAK ULTRA** functions they can use and configure the inputs and outputs - all from the comfort of your home or office. Alternatively you can do all of this plus a whole lot more by using CENTSYS' web or app interface, **G-WEB**, 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

**G-WEB** is now also available as a free mobile app! Download **G-WEB** on your smartphone and give your clients on-the-go service with easy management of **ULTRA** devices from anywhere. You can add, delete and edit devices, set up functionality and manage access numbers whether you're onsite or on the road.

## **Easy access to diagnostics**

This innovative device provides intelligent feedback via a graphic user interface, as well as the **MyCentsys Remote** mobile app, displaying useful system information and diagnostic messages for the complete **ULTRA** experience.

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## Clarity of Communication

With **G-SPEAK ULTRA**, your voice, and the voices of your visitors, are guaranteed to be heard loud and clear. Thanks to cutting-edge GSM audio technology, you can expect crystal-clear speech quality. The system offers unmatched flexibility with adjustable volume settings, along with customisable call, ring, and hang times to suit your preferences.

## Smart Gate Status Monitoring

**G-SPEAK ULTRA** transcends the limits of physical proximity, granting you a sense of dual presence. Through seamless integration with CENTSYS gate motors, your **G-SPEAK ULTRA** system can be configured to alert you about the status of your gate—whether it's left open or in any other state defined by you, through intelligent monitoring of the gate motor's status output. Adjustable filter settings allow you to specify the conditions under which you receive notifications, such as if the gate remains open for more 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.

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.

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## 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** 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 are fitted with 4G penta band GSM modules and are compatible with all Australian mobile network providers.

## UNLEASH THE POWER OF THE ULTRA RANGE WITH THE MyCentsys Remote APP



### MyCentsys Remote

Experience complete convenience and control with the **MyCentsys Remote** mobile application, an intuitive and feature-rich command centre to monitor and activate your CENTSYS GSM devices using only your smartphone.

- Unbelievably cost-effective monitoring and control solution
- Activate device outputs with a single tap
- Choose from a range of custom icons to represent the functionality associated with each button

- Personalise your **MyCentsys Remote** experience by customising button colours and assigning unique tones for each device linked to a profile
- Device monitoring via push notifications with the ability to block notifications for each individual phone
- The **MyCentsys Remote** app boasts a dedicated screen displaying critical system information such as airtime balances and device signal strength
- Visible IOs can be configured for each Access Profile
- Each **MyCentsys Remote** instance can have access to multiple devices

## G-WEB

**G-WEB** is a unique offering from CENTSYS 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

## All-important security

Besides being an admin dream, **G-WEB** is also great for surveillance and site monitoring. Detailed transaction logs tell you exactly when your **G-SPEAK ULTRA** devices were activated, and by which user.

## 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** server.

## **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**

- Entrance gate status: Open/Closed
- Mains power: On/Off
- House alarm: Activated
- Electric fence: Alarm triggered
- Garage door: Open/Closed
- Borehole pump status: Running/Off
- Water reservoir: Full/Empty

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

- Automated entrance gates
  - Garage doors
  - Appliances
  - 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 divers (e.g. voicemail) 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>• 1500 Access numbers</li> <li>• 5000 Event logs</li> <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>
Cable Requirements	6 core, screened cable required between the Gate Station and the GSM controller, with a maximum length of 10m
Model Options	<b>GSM 4G/LTE-CAT1:</b> 900/2100MHz
Degree of protection (G-Speak Ultra)	IP40
Degree of protection (Calling Module)	IP52