Clipsal HomeSpeak

When you talk, it listens.

"Rex, set the dinner party scene"
"Rex, turn the lights up to 40%"
"Rex, turn off the sprinklers on in the back garden"
"Rex, turn the air conditioning on at 10pm"
"Rex, turn the lights off in all bedrooms"
"Rex, alarm and open the door"
"Computer, set movie scene now"
"Computer, record the movie on channel 10 tonight"
"Computer, I'll be late tonight, please switch the "
"Computer, turn the lights off"
"Computer, enable the alarm at 10:30 please"
Now you can control lighting and other services in buildings using common sentences and phrases. With Clipsal HomeSpeak there is no need to learn automation commands because simple everyday language will do.

HomeSpeak is a virtual electronic partner capable of setting lighting scenes, turning lights on and off, and dimming them. When used as part of a Clipsal Automation System, you can control devices like security systems, radios and televisions too, and all at the command of your voice.

Tired of being ignored?

Once you give HomeSpeak a name you’re in control - it actually listens to your commands. For instance, you might want to call your HomeSpeak system “Rex”. Then, to give Rex a command you might say “Rex, please set the dinner party scene.”

Rex will then go about setting lights throughout the house to create a mood ready for your dinner party. Some lights will turn off, while others will turn on and automatically dim to the desired level.

You can be extremely flexible in the language you use too. For instance, “Rex, please set the dinner party scene” would have the same effect as “Rex, they’re here! Quick, set the dinner party scene now!”

So you see, the phrases you use to communicate with HomeSpeak can fluctuate depending on your mood!

inner party scene at 8:30 tonight
“Rex, dim all lights to 70%”
“Rex, resume movie from scene 16”
“Rex, play track 8”
“Rex, turn on the lights in my bedroom”
“Rex, resume CD”
“Rex, pause movie from scene 16”
“Rex, dim all lights to 70% over the next 50 minutes”
“Rex, turn the lights in my bedroom”
Okay. This is getting spooky.

HomeSpeak does more than just set scenes by turning lights on and off.

The intensity of individual lights can also be controlled: previously impossible using conventional lighting systems. For example, “Rex, dim all the lights upstairs by 70%.” Or, “Rex, can you please set the dinner party scene for 8:30 tonight?” Of course it can!

Rex is eavesdropping once the party starts too. With the dinner in progress, you might want to play a few tunes on your sound system. There’s no need to get up - “Rex, can you play from track 8 on the CD player please.”
How HomeSpeak comes to life...

At the heart of HomeSpeak is the Clipsal C-Bus Control and Management System. Through C-Bus you can control lighting, security, home entertainment, garden irrigation, phones, faxes and many other electrical services from anywhere in the world.

Now, with HomeSpeak, using common phrases and sentences will help you get even more out of the system. There is no need to learn home automation controls because HomeSpeak’s ingenious software translates verbal commands for you.
Write to HomeSpeak while you’re away.

You’re not restricted by speech alone to get HomeSpeak working for you. It’s also possible to use a computer either at home or using the Internet.

Provided the appropriate connections are in place you can ask Rex to check on your house from anywhere in the world. For example, if you get to work and can’t remember if you switched the Security System on you can ask Rex to check it for you. Simply connect to your home and type, “Rex, make sure the Security System is turned on.”

You might say, “Rex, I’ll be late tonight, please switch the air conditioning on at 10pm.” If your home is permanently connected to the Internet, HomeSpeak can be used to control your home from anywhere in the world.

If you like, Rex can also let you know once the command has been acted upon. In future releases, even a Personal Digital Assistant (PDA) will communicate with HomeSpeak.

...“Zed, make sure the iron is turned off”...
...“Zed, turn the heating on at 7:30am”...
...“Zed, turn the sprinklers on in the back garden”...
...“Zed, bring room lights up to 40%”...
...“Zed, enable alarm at 10:30 please”...
In summary, the HomeSpeak electronic partner provides:

- Continuous speech recognition by using everyday language to control devices such as lights, security systems, radios, televisions, etc.
- Commands that can be delivered into a simple text box, via speech, or using a computer keyboard.
- Remote control of the home through the Internet.
- Activation by a chosen name (also called a “call sign”). This unique feature overcomes the problem of inadvertent commands in conversation causing an effect. The call sign is "user configurable". Call signs such as “Ep”, “Fred”, “Zen” and “partner” are allowed. There is no limit to the number of these.
- A feature that allows voice annunciation using pre-recorded messages or computer generated speech. This provides confirmation to the user that HomeSpeak has understood and acted on the requested command.
- Software that caters for on, off and dimmer control of devices connected to C-Bus wiring systems. Scene controllers can also be set.
- Play, stop, pause, play track, open, shut commands to control CD Players attached to the computer running the software.
- Virtual scene setting to allow control of multiple devices simultaneously.
- Timer setting function for command execution every day or a particular day.
- Control of all devices for simultaneous operation.
- Control of all devices independently from a simple single everyday language interface.
- Interchangeable use of both speech and text interface.
- A stored log file of all commands issued and executed.
- A user friendly GUI to enable simple configuration of the system and featuring one step automatic linking to wiring.
- Configuration of the following system features:
  - Device names and associated aliases
  - Enable/disable command logging
  - Enable/disable speech input
  - Enable/disable command confirmation
  - Change and add call sign
  - Change speaker name
  - Enable/disable speech response
HomeSpeak modules

There are two parts to HomeSpeak software. Firstly, a “configuration module” which is used to set up lights and devices in your home or office. Secondly, a “live module” which listens for HomeSpeak’s call sign (or name) and executes instructions.

The configuration module only needs to be run once; when you are installing the software, or when you wish to make changes. The more information you give the configuration (and the more accurate it is), the more HomeSpeak can do for you. It’s like showing HomeSpeak around the house so it knows where everything is. You only need to do this once, so it’s worth doing a good job.

Meanwhile, the HomeSpeak live module runs continuously in the background waiting for your commands.

HomeSpeak requirements

HomeSpeak is only of use if the building in which it is to be installed has Clipsal C-Bus installed also. A computer with the Microsoft Windows operating system (Windows 95/98/NT4/2000/XP) must be connected to the C-Bus system and be left running.

HomeSpeak software occupies approximately 400 Mb of disk space. We recommend use of a computer with at least a Pentium III class processor. For speech recognition, the faster the processor speed (and the more memory it has) the better.

HomeSpeak comes ‘bundled’ with speech recognition software (Naturally Speaking from Dragon Systems - the standard speech recognition software for home/office applications).

Ordering Details

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<tr>
<th>Catalogue No</th>
<th>Description</th>
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<tr>
<td>5000HS</td>
<td>HomeSpeak Software complete with hard wired headset microphone</td>
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“Computer, turn the lights off in all bedrooms”...
“Computer, enable the alarm and open the door”...
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