

SmartCom Room Station Pocket Guide



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Use this product only for the purpose it was designed for; refer to the data sheet and user documentation. For the latest product information, contact your local supplier or visit us online at www.gesecurity.com.

Contents

| | |
|---|------------|
| Preface | .xi |
| Conventions used in this document | xii |
| Safety terms and symbols | xiii |
| Chapter 1. Introduction | 1 |
| Product overview | 2 |
| SmartCom audio system | 3 |
| SmartCom intercom system | 3 |
| SmartCom room station | 5 |
| Selection knob | 6 |
| Music control buttons | 7 |
| Intercom control buttons | 8 |
| Advanced set up programming | 10 |
| Chapter 2. Music controls | 11 |
| Music button | 12 |
| Selecting a music source | 12 |
| Setting music volume | 13 |
| Master mode special feature | 14 |
| Menu button | 15 |
| Screen timeout | 16 |
| Backlight timeout | 16 |
| Backlight level on | 17 |

| | |
|---|-----------|
| Backlight level off | 17 |
| LED level on | 18 |
| LED level off | 18 |
| Contrast level | 19 |
| Go back | 19 |
| Mute button | 20 |
| On/off button | 20 |
| All zones off | 20 |
| Chapter 3. Intercom controls | 21 |
| Intercom button | 22 |
| Selecting a station to call | 23 |
| Making intercom calls | 24 |
| DND button | 29 |
| Calling room station DND alert | 30 |
| Listen button | 31 |
| Listen mode | 31 |
| Monitor mode | 32 |
| Door button | 33 |
| Chapter 4. Setup menu | 35 |
| Setup menu | 36 |
| Room station address | 37 |
| Display settings | 38 |
| Intercom settings | 39 |

| | |
|-----------------------------------|-----------|
| Audio settings | 42 |
| Door enabled | 45 |
| System information | 45 |
| Restore defaults | 45 |
| Chapter 5. Support..... | 47 |
| Contacting technical support..... | 48 |
| Online publication library..... | 49 |

x | SmartCom Room Station
Pocket Guide

Preface

This is the *GE SmartCom Room Station Pocket Guide* for model CC-SCRS01. This document includes an overview of the product and detailed instructions explaining how to operate the room station.

There is also information describing how to contact technical support if you have questions or concerns.

Read these instructions and all ancillary documentation entirely before installing or operating this product. The most current versions of this and related documentation may be found on our website. Refer to *Online publication library* on page 49 for instructions on accessing our online publication library.

Note: A qualified service person, complying with all applicable codes, should perform all required hardware installation.

Conventions used in this document

The following conventions are used in this document:

| | |
|--------------------|--|
| Bold | Menu items and buttons. |
| <i>Italic</i> | Emphasis of an instruction or point; special terms. |
| | File names, path names, windows, panes, tabs, fields, variables, and other GUI elements. |
| | Titles of books and various documents. |
| <i>Blue italic</i> | (Electronic version.) Hyperlinks to cross-references, related topics, and URL addresses. |
| Monospace | Text that displays on the computer screen. |
| | Programming or coding sequences. |

Safety terms and symbols

These terms may appear in this manual:



CAUTION: *Cautions* identify conditions or practices that may result in damage to the equipment or other property.



WARNING: *Warnings* identify conditions or practices that could result in equipment damage or serious personal injury.

Chapter 1 Introduction

This chapter provides a product overview and basic information on how to use the room station.

In this chapter:

| | |
|---|---|
| <i>Product overview</i> | 2 |
| <i>SmartCom audio system</i> | 3 |
| <i>SmartCom intercom system</i> | 3 |
| <i>SmartCom room station</i> | 5 |
| <i>Selection knob</i> | 6 |
| <i>Music control buttons</i> | 7 |
| <i>Intercom control buttons</i> | 8 |

Product overview

SmartCom is an audio/intercom system for multiple rooms. A typical SmartCom system configuration consists of the following SmartCom components:

- The SmartCom audio hub, model SCAMP4 and left/right speakers in each zone
- The SmartCom intercom hub, model SCHUB8
- One or more SmartCom room stations, model SCRS01 (up to eight on one intercom hub)
- One or two SmartCom door stations, model SCDOR1
- Connection Center

The system can be expanded to two intercom hubs (16 intercom zones total) and three additional audio expansion hubs, model SCAMPX (16 audio zones total).

SmartCom audio system

The SmartCom audio system is a four-zone/four-source audio system for multiple rooms. You can expand the system to 16 zones of audio. Each room station provides for on/off, mute, source selection, and music volume control.

SmartCom intercom system

The SmartCom intercom system consists of the SmartCom intercom hub and one to eight SmartCom room stations. You can expand the system to 16 room stations by adding another intercom hub.

The intercom function provides *room to room* or *room to all rooms* (all stations) intercom communications. In addition, one or two door stations can be used to announce *doorbell* tones in all rooms and provide for door to room station communications.

When used in conjunction with the SmartCom audio system, the intercom system uses the audio system's room speakers for voice communications and doorbell tones. The audio

system music is automatically muted during intercom or door station communications.

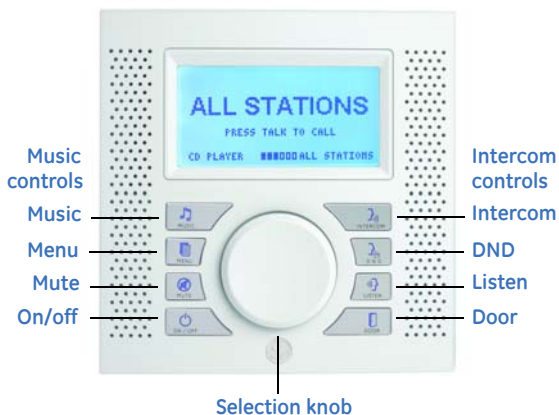
The intercom system provides flexible user-selected room settings for *do not disturb* (DND) and *listen-in* modes.

Optional door control can be used to open electric locks.

SmartCom room station

The SmartCom room station (*Figure 1*) provides a single, convenient graphical LCD keypad to control the SmartCom audio and intercom systems.

Figure 1. SmartCom room station



Selection knob

The selection knob has the following functions:

- Rotate and press to adjust volume control in music mode.
- Rotate and press for room selection in intercom mode.
- Press to talk for intercom system.
- Rotate and press for intercom volume during intercom calls.

Music control buttons

SmartCom music control buttons (*Figure 1* on page 5) include:

Music. Press to cycle through all four music source inputs (see *Music button* on page 12).

Menu. Press to display user setup settings of the LCD screen (see *Menu button* on page 15).

Mute. Press to mute music volume (see *Mute button* on page 20).

On/off. Press to turn on or turn off music (see *On/off button* on page 20).

To listen to music, do the following:

1. Press the **On/Off** button to turn on the zones's audio amplifier.
2. Press the **Music** button to select the desired source.
3. Turn the knob to adjust the music volume.

Intercom control buttons

SmartCom intercom control buttons (*Figure 1* on page 5) includes:

Intercom. Press to select room or all rooms to call (see *Intercom button* on page 22).

DND. Press to prevent door bell and intercom calls from being heard in the room (see *DND button* on page 29).

Listen. Press to place a room station into listen or monitor mode to allow rooms to be monitored (see *Listen button* on page 31).

Door. Optional door strike control. Press to open a door (see *Door button* on page 33).

To make an intercom call, do the following:

1. Press the **Intercom** button to switch to intercom mode and select the last station called.
2. Press the knob to call a station and hold to talk. If you want all stations or another room, turn the knob to select the station you want.

3. Turn the knob to adjust the intercom volume during an intercom session.

To answer an intercom call, do the following:

- For all stations calls, press and hold the knob to talk, release the knob when you are done.
- For station to station calls, talk hands free after the call tone.

Advanced set up programming

The technician who installs your system will use the *Setup* menu to set display, intercom, and audio functions for your system. You can adjust some of these functions to update your system or to set your preferences. Some of the functions in the *Setup* menu, such as the room station address setting, should only be changed by your installation technician. See *Setup menu* on page 36 for more information.

Chapter 2 Music controls

This chapter provides information on how to use the room station music controls.

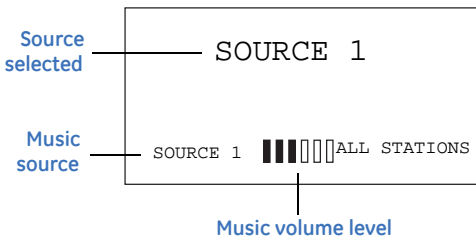
In this chapter:

| | |
|--------------------------------|----|
| <i>Music button</i> | 12 |
| <i>Menu button</i> | 15 |
| <i>Mute button</i> | 20 |
| <i>On/off button</i> | 20 |

Music button

Press the **Music** button at any time to display the *Music* screen (*Figure 2*).

Figure 2. *Music* screen



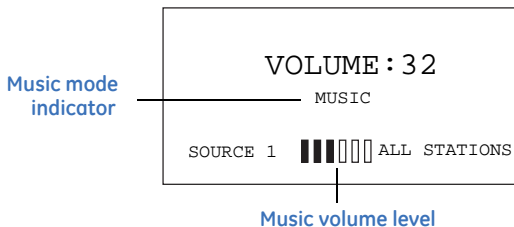
Selecting a music source

When the *Music* screen is displayed, press the **Music** button to cycle through the music sources. You can also press and rotate the knob to cycle through the source selections and press the knob to select one.

Setting music volume

When the *Music* screen is displayed, rotate the knob to change the music volume. The display will change to show the current music volume (0 to 78) and change as you rotate the knob (*Figure 3*). The status bar will also show the volume level in the bar graph.

Figure 3. Volume screen



Master mode special feature

You can set a room station into a master mode that will make that room station a master controller for all other music zones. All other zones will follow (be set the same as) the master for source selection, volume level, mute, and on/off control.

To set the room station into master mode, press and hold the **Music** button for three seconds, until `Master on` is displayed on the screen. To exit master mode, press and hold the **Music** button for three seconds until `Master off` is displayed on the screen.

Menu button

Press the **Menu** button to show a *Display settings* screen. This screen provides options for setting user preferences for display settings for the following:

- *Screen timeout* on page 16
- *Backlight timeout* on page 16
- *Backlight level on* on page 17
- *Backlight level off* on page 17
- *LED level on* on page 18
- *LED level off* on page 18
- *Contrast level* on page 19
- *Go back* on page 19

Screen timeout

The *Music* screen is the default display screen. Anytime you are in another display screen, the display will timeout after a selected interval (30 seconds default) and go back to the *Music* screen. To change the timeout interval, press the knob to select *Screen timeout* and rotate the knob to select the time interval desired (0 to 60 seconds). Setting the interval to 0 will defeat the screen timeout and the display will stay on the last screen selected until changed. Press the knob again to select the interval.

Backlight timeout

You can set the display backlight to stay on all the time (default setting of 0 keeps the backlight on) or set a timeout interval, after which, the backlight will timeout and go off. Rotate the knob to select *Backlight timeout* and press to select. Rotate the knob again to select the time desired and press to select.

Note: Pressing any key on the room station will turn on the backlight (if it was off).

Backlight level on

You can set the display Backlight on brightness from 0 to 100% in 5% increments (default set to 100%). Rotate the knob to select *Backlight level on* and press to select. Rotate the knob again to select the level desired and press to select the level. The backlight brightness will change as you change the settings to show you the selected brightness.

Backlight level off

You can set the display backlight off brightness from 0 to 100% in 5% increments (default set to 0%). Rotate the knob to select *Backlight level off* and press the knob to select. Rotate the knob again to select the level desired and press to select the level. The backlight brightness will change as you change the settings to show you the selected brightness.

LED level on

You can set the keypad button backlight LEDs on brightness from 0 to 100% in 5% increments (default set to 100%). Rotate the knob to select *LED level on*, and press the knob to select. Rotate the knob again to select the level you want and press the knob to set your setting. The keypad button brightness will change as you change the settings to show you the selected brightness.

LED level off

You can set the keypad button backlight LEDs off brightness from 0 to 100% in 5% increments (default set to 100%). Rotate the knob to select *LED level off* and press the knob to select. Rotate the knob again to select the level you want and press the knob to set your selection. The keypad button brightness will change as you change the settings to show you the selected brightness.

Contrast level

You can change the contrast level of the display for optimum viewing. To change the contrast level, rotate the knob to move the selection arrow to *Contrast level*. Press the knob to select. Rotate the knob to change the contrast level (0 to 10). As you adjust the setting, the contrast will change on screen to allow you to select the best viewing. Press the knob to set your selection.

Go back

When you are done setting your preferences for the room station display settings, rotate the knob to select *Go back* and press the knob to return to the *Music mode* screen.

Note: You can press the **Music** button anytime in the *Display settings* screen to exit and return to the *Music mode* screen.

Mute button

Anytime the music is on, you can mute the music by pressing the **Mute** button. Music muted will be displayed on the screen.

On/off button

If the display screen shows `MUSIC OFF`, press the **On/Off** button to turn on the zone music. To turn off the zone music, press the **On/Off** button again.

All zones off

You can turn off all the SmartCom music zones by pressing and holding the **On/Off** button for several seconds until you see `ALL OFF` displayed on the screen.

Chapter 3 Intercom controls

This chapter provides information on how to use the room station intercom controls.

In this chapter:

| | |
|------------------------------|----|
| <i>Intercom button</i> | 22 |
| <i>DND button</i> | 29 |
| <i>Listen button</i> | 31 |
| <i>Door button</i> | 33 |

Intercom button

Press the **Intercom button** to switch the room station's graphical display to the *Intercom control* screen (Figure 4). The screen will show the last station called or *All stations*.

Figure 4. Intercom control screen



Selecting a station to call

To select a station to call, do one of the following:

Last station called. Press the **Intercom** button and the last station called will display on the screen. If you want to call this room again, press the knob.

Room station selection. If you want to call another room station, rotate the knob to sequence through all available room stations until the room you want is displayed and then press the knob.

All station selection. To call all stations, rotate the knob until you see the *All stations* option on the screen and press the knob. You can also press the **Intercom** button twice to automatically go to the *All stations* selection.

Making intercom calls

You can make intercom calls to all stations or from station to station.

Making all station calls

Select *All stations* with the knob, then press and hold the knob. Three quick tones will sound in each room that is not in *do not disturb* (DND) mode. Continue to press and hold the knob and after the tones end begin speaking. When done, release the knob.

The *Calling room station intercom* screen will show *Waiting for reply* after the call is made (*Figure 5*).

Figure 5. Calling room station Intercom screen



Note: If no station replies within ten seconds, the call will end.

Replying to an all stations call

You can answer an *All stations* call from any room station by pressing the knob to talk back to the calling station. The *Called room station intercom* screen (*Figure 6*) will automatically be displayed.

Figure 6. Called room station Intercom screen



Making station to station calls

To make a station to station call, select the room station, and then press and hold the knob. A tone will sound in the room called (if the room is not in DND mode). Continue to press and hold the knob and after the tone ends begin speaking. When done, release the knob.

The *Calling room station intercom* screen will show *Waiting for reply* after the call is made (Figure 7).

Figure 7. Calling room station Intercom screen



Note: If there is no response, the call will automatically end after ten seconds.

Replying to station to station calls

Station to station calls permit the called station to talk back *hands free*. Once you hear the call alert tone, just start talking to answer the call. The *Called room station intercom* screen (Figure 8) will automatically be displayed.

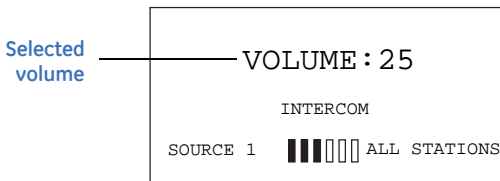
Figure 8. Called room station intercom screen



Intercom call volume control

Once you have initiated an intercom call, you can adjust the intercom volume (0 to 32) by turning the knob. The knob only controls the intercom volume while you are on the call. Once the call ends, the music will come back on and turning the knob will adjust the music volume. *Figure 9* shows the screen display for intercom volume control.

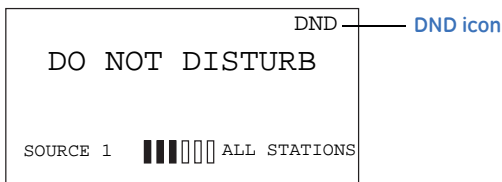
Figure 9. Volume control Intercom screen



DND button

Press the **DND** button (do not disturb) to prevent any intercom calls or door station calls from being heard in the room. The intercom screen will display `DO NOT DISTURB` and a DND icon will appear at the top of all display screens (*Figure 10*).

Figure 10. Do not disturb screen



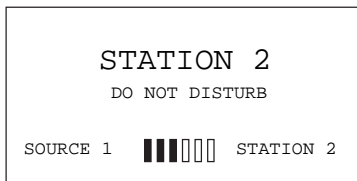
To exit the DND mode, press the **DND** button again.

Note: If you press the **Intercom** button on a room station in DND mode (to make an intercom call) the DND mode will be canceled.

Calling room station DND alert

If a room station selects a room that is in DND mode, the calling station will see a *Do not disturb* alert on the *Calling room station* screen (Figure 11). Calls to rooms in DND mode are inhibited.

Figure 11. Calling room station DND alert screen



Listen button

The **Listen** button allows you to listen in on another room, but only if that room is in monitor mode. This feature allows you to monitor babies or the sick and elderly.

Listen mode

To use the listen mode, you must first go to the room to be monitored and place that room's station into monitor mode.

To place the room station into listen mode, press the **Listen** button once and `Listen` will be displayed on the screen (*Figure 12*).

Figure 12. Room station in listen in mode screen



Monitor mode

To place a room station into monitor mode and allow other room stations to listen in to that room, press the **Listen** button twice until **Monitor** is displayed on the screen (*Figure 13*). Rooms in monitor mode display **Monitor** flashing and an **Open microphone** alert on the room station.

Figure 13. Room station in monitor mode screen



To exit listen or monitor mode, press the **Listen** button until **OFF** is displayed on the screen.

Door button

The **Door** button is an optional feature of the SmartCom intercom system. Pressing the **Door** button will trigger a relay on the intercom hub to activate an electric door strike.

The **Door** button is normally disabled in the room station setup to prevent unauthorized opening of doors. You must enable any room stations that you want to have access to this feature.

See *Door enabled* on page 45 for instructions on enabling the door button.

Chapter 4 Setup menu

This chapter provides information on how to use the *Setup* menu to change display, audio, and intercom settings.

In this chapter:

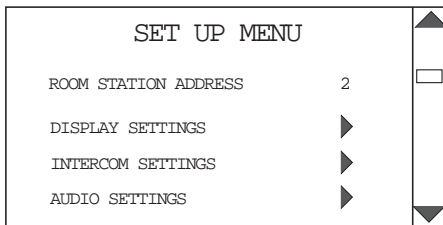
| | |
|---------------------------------------|----|
| <i>Setup menu</i> | 36 |
| <i>Room station address</i> | 37 |
| <i>Display settings</i> | 38 |
| <i>Intercom settings</i> | 39 |
| <i>Audio settings</i> | 42 |
| <i>Door enabled</i> | 45 |
| <i>System information</i> | 45 |
| <i>Restore defaults</i> | 45 |

Setup menu

You can use the *Setup* menu to adjust display, audio, and intercom settings. The menu includes some options that are provided for the technician that installed your system and these options should not be changed.

To access the *Setup* menu, press the top two control buttons on the room station (**Music** and **Intercom**) simultaneously. The *Setup* menu will display (*Figure 14*).

Figure 14. Setup menu screen



The *Setup* menu options include:

- *Room station address*
- *Display settings* on page 38
- *Intercom settings* on page 39
- *Audio settings* on page 42
- *Door enabled* on page 45
- *System information* on page 45
- *Restore defaults* on page 45
- Exit menu

Rotate the knob to navigate to an option and press the knob to select the option.

Room station address

The room station address is set by your system installer. Do not change this setting.



WARNING: Do not change the room station address or the system will not operate properly.

Display settings

When you select the *Display settings* option, the *Display settings* screen appears. This is the same screen that displays when you press the **Menu** button. This screen provides options for setting preferences for display settings for the following:

- *Screen timeout* on page 16
- *Backlight timeout* on page 16
- *Backlight level on* on page 17
- *Backlight level off* on page 17
- *LED level on* on page 18
- *LED level off* on page 18
- *Contrast level* on page 19
- Go back. Return to the *Setup menu* screen.

Intercom settings

Select the *Intercom settings* option to access the *Intercom settings* screen. This screen allows you to change the following intercom settings:

- Edit station name. Access the *Edit station name screen* on page 40.
- Talk timeout. Sets the length of the intercom call before the call is automatically ended (10 to 120 seconds).
- Hand free enabled. Enable (Yes) or disable (No) the hands free function.
- Call blocking. Access the *Call blocking screen* on page 41. Allows calls to selected stations to be blocked.
- Chime volume. Set the chime volume value.
- Go back. Return to the *Setup menu* screen.

Edit station name screen

The *Edit station name* screen allows you to create a custom name for the room station or edit an existing name.

Select the *Edit station name* menu item and press the knob to go to the main edit screen. This screen shows the current station name.

To enter a new station name, do the following:

1. Select *New name* and press the knob. The edit station name text screen will be displayed with the old name deleted.
2. To select text for the new name, rotate the knob until the desired character is highlighted and press the knob to enter the character.
3. Repeat the process to spell out the new station name. Use special characters for blank, backspace (BKSP) or shift (change case).
4. Select *Done* to apply the new name.

To edit an existing station name, do the following:

1. Select *Edit name* and press the knob. The edit name text screen will be displayed with the existing name entered.
2. Edit as desired and select *Done* to apply the edits.

To return to the *Setup* menu, select *Go back*.

Call blocking screen

The *Call blocking* screen allows you to block calls to selected room stations. This may be needed if the room stations are too close to one another and cause feedback, or to lock out calls from selected stations.

To set call blocking, do the following:

1. Select the *Call blocking* menu item and press the knob. The current entry will flash.
2. Turn the knob to change the entry as desired (Yes or No) and press the knob to apply the setting.

Audio settings

Select the Audio settings option to access the Audio settings screen. This screen allows you to change the following audio settings.

- Master mode enabled. Disabled (No) or enabled (Yes). Allows the master mode to be set permanently to enabled.
- Volume limit. Sets the maximum volume for the room (0 to 78).
- Intercom over speakers. Allows (Yes) intercom audio to be heard over the room speakers in addition to the room station speaker or not (No).
- Edit sources. Access the *Edit sources screen* on page 43.
- Go back. Return to the *Setup menu* screen.

Edit sources screen

The edit sources screen allows you to edit source names and enable/disable them.

To edit a source, scroll to the source to be edited and press the knob to select it. The source settings screen will be displayed.

Rotate the knob to select the item to edit and press the knob to select the item.

To create a new source name, do the following:

1. Select *New name* and press the knob. The edit source name text screen will be displayed with the old name deleted.
2. To select text for the new name, rotate the knob until the desired character is highlighted and press the knob to enter the character.
3. Repeat the process to spell out the new station name. Use special characters for blank, backspace (BKSP) or shift (change case).
4. Select *Done* to apply the new name.

To edit an existing source name, do the following:

1. Select *Edit name* and press the knob. The edit name text screen will be displayed with the existing name entered.
2. Edit as desired and select *Done* and press the knob to apply the edits.

You can enable or disable a source input in the source list. Sources enabled will show up in the sequence of source selection when pressing the **Music** button. Disable sources that you do not use or want to show up in this list.

To enable or disable a source, do the following:

1. Select *Source type* and press the knob.
2. Rotate the knob to select enabled or disabled and press the knob.

Door enabled

The room station door button can control a door relay on the intercom hub to operate a door strike to open a door. For security, this is default set to disabled (No). Each room station that you want to enable the door button must be individually set to enabled (Yes).

System information

Select this option to view system information including hardware and software revision numbers.

Restore defaults

This option is used by your system installation technician to restore factory defaults. Do not select this setting.

Chapter 5 Support

This chapter provides information on how to contact technical support.

In this chapter:

| | |
|---|----|
| <i>Contacting technical support</i> | 48 |
| <i>Online publication library</i> | 49 |

Contacting technical support

For assistance operating this product, refer to this document and any other documentation provided. If you still have questions, you may contact the installation company for your product.

Online publication library

Another great resource for assistance with your GE product is our online publication library. To access the library, go to our website at the following location:

<http://www.gesecurity.com>

In the **Customer Support** menu, select the *Resource Library* link. After you register and log on, you may search through our online library for the documentation you need.¹

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1. Many GE documents are provided as PDFs (portable document format). To read these documents, you will need Adobe Reader, which can be downloaded free from Adobe's website at www.adobe.com.

