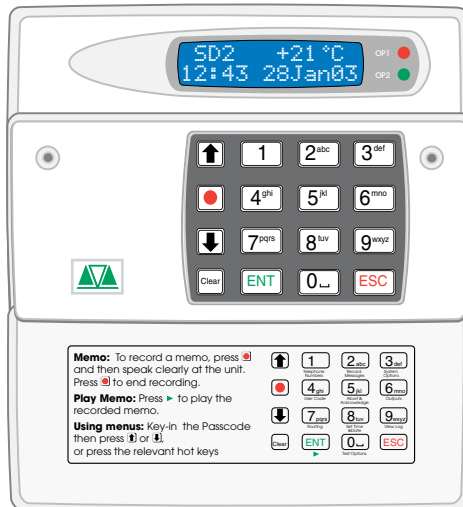


# SD2

## Speech Dialler



## Operator's Manual

# User Guide

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## How to Acknowledge a Voice Message

The SD2 requires a call acknowledgement in order to confirm that the recipient has accepted the call. All contacts must be informed that to accept a call they must press number 8 on their telephone. If a call is not acknowledged by pressing 8, the SD2 will proceed to contact the next programmed number.

When the telephone rings, answer the call as normal. Listen to the voice message. The message is repeated 3 times in total.

When you have understood the message, acknowledge it at any time by pressing the number **[8]** key on your telephone. You will hear an acknowledgement tone from the SD2 and then the unit will hang up.

Now take the necessary action in response to the alarm.

## Aborting the Call

If the SD2 is accidentally triggered or you want to stop the calling sequence then one of the following methods can be used:

### Entering the Operator's Passcode

To abort the call sequence, enter your passcode.

Note: You must program the SD2 to be able use this method, see page 25.

### Restoring the Trigger Input

To abort the call sequence, restore the trigger input back to its normal condition. Normally this is a simple matter of resetting the alarm control panel. The abort methods that can be used depend on how each trigger input is configured, see page 20 and if the SD2 is programmed to allow you to abort calls in this way. See page 25.

# Recording and Playing a Memo Locally

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The SD2 has an in-built memo facility to record voice messages at the keypad. Once recorded the display will indicate that there is a memo message waiting.

## To Record A Memo Message

Ensure the unit is in normal mode:

```
SD2 +26°C  
16:13 05Aug 04
```

Press **●** to record the memo. Speak clearly at the unit. The display will show how much time has elapsed:

```
Recording MEMO  
Speak Now...04s
```

Press **●** to stop recording. The display will now indicate that there is a memo waiting. The SD2 can also be programmed to either flash the display backlight or beep when a memo message is waiting, (see page 21).

```
* MEMO WAITING *  
Press ▶ to Hear
```

## To Playback a Memo Message

The display will normally indicate that you have a message waiting:

```
* MEMO WAITING *  
Press ▶ to Hear
```

Press **ENT** to playback message. Press **ENT** to stop playback at any time.

```
Playing Memo  
Playing...11s
```

To play the memo again press **ENT** or press Clear to delete the memo. On deletion, the display returns to the normal display:

```
Press ▶ to Hear  
CLR to Delete
```

# Using the Remote Access Feature

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The Remote Access feature can be used to record messages remotely, listen into the property after an alarm message, and to toggle outputs to turn on lighting etc. This facility is accessed by one of the following methods:

## Dial in for Remote Access

This method requires you to call into the SD2 in order to select the Remote Access Menu. If the "Remote Option" is enabled (see page 20) you will need to enter the Remote Access Code (see page 24). The unit is designed to work on dedicated phone lines or shared lines by utilising the Answer Phone Defeat feature (see below).

To Dial in for Remote Access (1 ring Answer/Answer Phone Defeat OFF):

Dial the SD2 using a touch-tone telephone.

The SD2 will answer your call after the programmed number of rings (see page 20).

You will hear a series of high-pitched beeps; at this point enter the 'Remote Access Code' on your telephone; you will hear an acceptance tone. The Remote Access menu is now selected.

## To Dial in for Remote Access (Answer Phone Defeat ON)

(Note: To enable this feature see "One Ring Answer" on page 20.)

Dial the SD2 using a touch-tone telephone.

Allow the telephone line to ring two or three times then hang up the call.

Wait approximately 10 seconds then redial the Speech Dialler.

The SD2 will answer your call after the first ring.

You will hear a series of high-pitched beeps; at this point enter the 'Remote Access Code' on your telephone; you will hear an acceptance tone. The Remote Access Menu is now selected.

## **Acknowledgement and Selecting Remote Access**

If the SD2 has been activated, the contact can, if programmed, acknowledge the call and select the Remote Access mode (see next section).

### **To Acknowledge a Call and Select Remote Access Mode**

When the telephone rings, answer the call as normal.

Listen to the voice message. The message is repeated 3 times in total.

When you have understood the message, you can select the Remote Access Menu at any time by pressing the \* key on your telephone (please note that pressing [8] key will accept the call without entering the Remote Access mode. You will hear a series of high-pitched beeps; at this point enter the 'Remote Access Code' on your telephone; you will hear an acceptance tone. The Remote Access Menu is now selected.

# The Remote Access Menu

---

The following commands can be selected from the Remote Access Menu:

| Function                            | Key Sequence   |
|-------------------------------------|--|
| Toggle Remote Control Output 1      | [*] [1]  |
| Toggle Remote Control Output 2      | [*] [2]  |
| Listen-in/Talkback Mode             | [*] [3] To select [3] to toggle, 0 to stop listen in/talkback mode |
| Play Voice Alarm Messages 1 - 8     | [4] Followed by [1] - [8]  |
| Record Voice Alarm Messages 1 - 8   | [*] [4] Followed by [1] - [8]                                      |
| Playback Memo                       | [0]  |
| Record Memo                         | [*] [0]  |
| Stop Recording/Playback             | [0] or any key   |
| Quit Remote Access Menu and hang-up | [#]  |

If after 30 seconds no command has been selected then SD2 will hang-up the call. Once a command has been selected, the unit remains online for 3 minutes or until the Quit Remote Access command is used (#).

## Toggle Remote Control Outputs

This Remote Access command allows you to either switch on or off the remote control outputs.

To toggle the remote control outputs first establish a Remote Access connection with the Speech Dialler.

Press \* [1] on your telephone to toggle Remote Control Output 1 or \* [2] to toggle Remote Control Output 2. You will hear one high pitched beep when Output 1 is switched on and two for Output 2. You will hear one low pitched beep when Output 1 is switched off and two for Output 2.

Use your telephone to select other Remote Access commands or press # to hang-up the connection with the SD2.

## Listen-in & Talkback Mode

These Remote Access commands allow you to listen-in and talk to the remote site using your telephone handset.

### To Select Listen-in/Talkback Mode

Establish a Remote Access connection with the Speech Dialler.

Press \* [3] on your telephone. You can now listen into the premises.

Press [3] on your telephone to switch between the Listen-in and Talkback mode. The Listen-in/Talkback mode can also be toggled at site by pressing [ENT] key.

When finished press [0] on your telephone to cancel Talkback mode.

Use your telephone to select other Remote Access commands or press # to hang-up the connection with the Speech Dialler.

# Record/Play Voice Messages

---

These Remote Access commands allow you to record and playback voice messages 1 - 8 through your telephone handset.

These commands are only available if the 'Remote Access Code' option is enabled (see page 24).

## To Record/Play a Voice Message

Establish a Remote Access connection with the SD2.

To record a Voice Message press [\*] 4 followed by the message number 1 to 8 on your telephone. You will hear a short beep. Talk clearly into your telephone handset.

Press 0 on your telephone to stop the recording mode.

To play a voice message press 4 followed by the message number 1 to 8 on your telephone. The selected message is played back through your telephone handset.

Press 0 on your telephone if you want to cancel playback mode or wait until the message has finished playing.

Use your telephone to select other Remote Access commands or press [#] to hang-up the connection with the SD2.

## Record/Playback Memo

These Remote Access commands allow you to record and playback the memo message through your telephone handset.

## To Record/Playback a Memo

Establish a Remote Access connection with the SD2.

To record a new memo press \* 0 on your telephone. You will hear a short beep. Talk clearly into your telephone handset.

Press 0 on your telephone to stop the recording mode.

To play back the memo press 0 on your telephone. The memo message is played back through your telephone handset.

Press 0 on your telephone if you want to cancel playback mode or wait until the memo has finished playing.

Use your telephone to select other Remote Access commands or press # to hang-up the connection with the SD2.



## To Record/Playback the Auto Record

Establish a Remote Access connection with the SD2.

To listen to the message press \* [3]. You will hear a series of beeps.

Enter your remote code, for example 5 6 7 8.

Press [0] to hear the Auto Record message.

Press [0] again to stop listening to the message.


Press # to end the call.

If the SD2 has called you with an alarm then ending the call after listening to the Auto Record will stop the SD2 calling the next contact number.

# Text Editing Keys

---

Text is programmed in a similar way to mobile phones. Characters are selected by pressing the corresponding key the appropriate number of times (to select a character on the same key, wait for the cursor to automatically advance). The table below shows the keys to use and the characters that are assigned to them:

| Key   | Character                  |   |   |   |   |   |   |   |   |   |  |
|---|----------------------------|---|---|---|---|---|---|---|---|---|--|
| [1]   | .                          | , | ? | ! | 1 | @ | " | - | & | ' |  |
| [2]   | a                          | b | c | 2 | A | B | C |   |   |   |  |
| [3]   | d                          | e | f | 3 | D | E | F |   |   |   |  |
| [4]   | g                          | h | i | 4 | G | H | I |   |   |   |  |
| [5]   | j                          | k | l | 5 | J | K | L |   |   |   |  |
| [6]   | m                          | n | o | 6 | M | N | O |   |   |   |  |
| [7]   | p                          | q | r | s | 7 | P | Q | R | S |   |  |
| [8]   | t                          | u | v | 8 | T | U | V |   |   |   |  |
| [9]   | w                          | x | y | z | 9 | W | X | Y | Z |   |  |
| [0]   |                            | 0 | , | # | * |   |   |   |   |   |  |
|  | Move cursor left and right |   |   |   |   |   |   |   |   |   |  |
| Clear   | Delete a character         |   |   |   |   |   |   |   |   |   |  |
| Ent   | Accept text                |   |   |   |   |   |   |   |   |   |  |

# Quick Reference

## 1 Contact Details ENT

- 1 Contact 01 Name ENT
- 2 Contact 02 Name ENT (enter text) ENT
- ...
- 0 Contact 10 Name ENT

## 2 Messages ENT

- 1 Voice Messages ENT
  - 1 Voice Alarm A ENT
  - 2 Voice Alarm B ENT
  - 3 Voice Alarm C ENT
  - 4 Voice Alarm D ENT
  - 5 Voice Restore A ENT (ENT to record,  to play)
  - 6 Voice Restore B ENT
  - 7 Voice Restore C ENT
  - 8 Voice Restore D ENT
  - 9 Site Message ENT

- 2 Text Messages ENT
  - 1 Text Alarm A ENT
  - 2 Text Alarm B ENT
  - 3 Text Alarm C ENT
  - 4 Text Alarm D ENT
  - 5 Text Restore A ENT (enter text) ENT
  - 6 Text Restore B ENT
  - 7 Text Restore C ENT
  - 8 Text Restore D ENT
  - 9 Text Site ENT

## 3 System Options ENT

- 1 Trigger Polarity ENT
  - 1 Negative ENT
  - 2 Positive ENT
- 2 Remote Options ENT
  - 1 Remote Access ENT Off/On
  - 2 Rings to Answer ENT (**1** to select no of rings)
  - 3 1 Ring Answer ENT Off/On
- 3 SMS Options ENT
  - 1 SMS Call Number ENT (enter number)
  - 2 SMS Format ENT 8,N,1/7,E,1
  - 3 SMS protocol ENT TAP/UCP
  - 4 SD2 Tel. Number ENT (enter number)
- 4 Display Options ENT
  - 1 Flash on Message ENT Off/On
  - 2 Beep on Message ENT Off/On
  - 3 Temp Display ENT Off/On
  - 4 Line Fault ENT Display Off  
Display On  
Display and Beep
- 5 Temperature ENT
  - 1 Temperature High ENT (**1** to change temperature)
  - 2 Temperature Low ENT (**1** to change temperature)
- 6 Record Options ENT
  - 1 Long Play ENT Off/On
  - 2 Auto Record ENT Off/On
- 7 Report Options ENT
  - 1 Auto Reporting ENT Off/On
  - 2 Report Time ENT (**1** to select hour)

## 4 Access Codes ENT

- 1 Edit User Code ENT (key in user code) ENT
- 2 Edit Remote Code ENT (key in remote code) ENT

|  |   |   |
|--|---|---|
| 5] Ack & Abort <input type="button" value="ENT"/>      |   |   |
| 1] Abort Options <input type="button" value="ENT"/>    | Passcode Only <input type="button" value="ENT"/><br>Code or Restore <input type="button" value="ENT"/><br>Restore Only <input type="button" value="ENT"/><br>None <input type="button" value="ENT"/>  |   |
| 2] Clear by Options <input type="button" value="ENT"/> | Anyone <input type="button" value="ENT"/><br>No One <input type="button" value="ENT"/>  |   |
| 6] Outputs <input type="button" value="ENT"/>          |   |   |
| 1] Output 1 <input type="button" value="ENT"/>         | Off <input type="button" value="ENT"/><br>Message Waiting <input type="button" value="ENT"/><br>Remote Access <input type="button" value="ENT"/><br>Temperature High <input type="button" value="ENT"/><br>Temperature Low <input type="button" value="ENT"/><br>Listen Active <input type="button" value="ENT"/><br>Speech Active <input type="button" value="ENT"/><br>Phone Line Fault <input type="button" value="ENT"/><br>Line In Use <input type="button" value="ENT"/><br>Call Active <input type="button" value="ENT"/><br>Call Successful <input type="button" value="ENT"/><br>Call Failed <input type="button" value="ENT"/><br>Remote Control 1 <input type="button" value="ENT"/><br>Remote Control 2 <input type="button" value="ENT"/><br>Supply Volts Low <input type="button" value="ENT"/> | Output polarity - Positive <input type="button" value="ENT"/><br>Outputs polarity - Negative <input type="button" value="ENT"/> |
| 2] Output 2 <input type="button" value="ENT"/>         | <i>As for Output 1</i>  |   |
| 7] Call Routing <input type="button" value="ENT"/>     |   |   |
| 1] Trigger Alarm <input type="button" value="ENT"/>    | Route A Alarm To<br>Route B Alarm To<br>Route C Alarm To<br>Route D Alarm To  | (key in digits to select) <input type="button" value="ENT"/>  |
| 2] Trigger Restore <input type="button" value="ENT"/>  | Route A Restore To<br>Route B Restore To<br>Route C Restore To<br>Route D Restore To  | (key in digits to select) <input type="button" value="ENT"/>  |
| 3] Auto Report <input type="button" value="ENT"/>      | Route Auto Rep. To  | (key in digits to select) <input type="button" value="ENT"/>  |
| 8] Date & Time <input type="button" value="ENT"/>      |   |   |
|  | (key in new date) <input type="button" value="ENT"/>  | (key in new time) <input type="button" value="ENT"/>  |
| 9] View Log <input type="button" value="ENT"/>         |   |   |
|  | (1] for newer, 2] for older)  |   |
| 0] Test Options <input type="button" value="ENT"/>     |   |   |
| 1] Test Messages <input type="button" value="ENT"/>    | Send Alarm A To<br>Send Alarm B To<br>Send Alarm C To<br>Send Alarm D To<br>Send Restore A To<br>Send Restore B To<br>Send Restore C To<br>Send Restore D To  | (key in digits to select) <input type="button" value="ENT"/>  |
| 2] Test Outputs <input type="button" value="ENT"/>     | (press 1 or 2 to activate outputs)  |   |
| 3] Test Triggers <input type="button" value="ENT"/>    | (Activate each input in turn.)  |   |
| 4] Test Line <input type="button" value="ENT"/>        |   |   |
| 5] Test Supply <input type="button" value="ENT"/>      | (displays voltage)  |   |
| 6] Software Version <input type="button" value="ENT"/> | (displays version numbers)  |   |

**Declaration of Conformance**

Cooper Security Ltd issues this certificate to  
certify that the equipment known as:

**SD2**

Complies with the following directive:

**1995/5/EC R&TTE Directive**

by the application of the following harmonised standards:

**BSEN 50130-4**

**TBR21**

**BSEN 60950**

Signed



Stewart Taylor, Technical Director

Date: 31 March 2004

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