

# AquiTron

AT-SD1/2/3  
Speech Dialler



**DATA SHEET**



**aquilar**  
leak detection solutions



# AT-SD1/2/3

## Speech Dialler

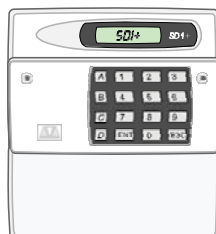
The AT-SD range of Speech/ Auto Diallers has been designed for use with all TraceTek and AquiTron leak detection panels to give a remote alarm indication over a telephone or GSM network (model dependent).

### SIMPLE OPERATION

When the alarm is triggered, the AT-SD Speech/Auto Dialler will ring a combination of up to 10 different numbers (including mobile phones), send SMS text messages or dial an internal extension to alert an engineer, supervisor or external contractor. The unit stores pre-recorded messages or texts that can be used to warn of different situations, e.g. leak, cable/system fault or service required etc. These are specific to your alarm system and can be changed as often as desired.

### VERSITILE DESIGN

- Works in conjunction with all TraceTek and AquiTron™ alarm panels
- Pass code protection for programmed information
- All information stored in NVM (Non Volatile Memory)
- CTR21 Pan European approved
- Country variants available (Dutch, French, Italian)



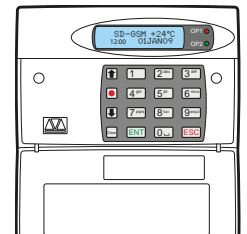
AT-SD1+

Speech Dialler (12Vdc)  
- remote voice alarm  
indication over a telephone  
network



AT-SD2

Speech Dialler (12Vdc) -  
remote voice & sms alarm  
indication over a telephone  
network



AT-SD3

Speech Dialler (12Vdc) -  
remote voice & sms alarm  
indication over a GSM  
network

### TECHNICAL INFORMATION AT-SD1+

|                       |                              |
|-----------------------|------------------------------|
| Supply Voltage        | 11.5 – 14Vdc                 |
| Current Consumption   | 35mA (standby) 70mA (active) |
| Trigger Inputs        | 4                            |
| Outputs               | N/A                          |
| Telecoms Approval     | CTR21                        |
| REN Rating            | 0                            |
| Dialling Format       | DTFM                         |
| Recording Length      | 40 seconds                   |
| Number Of Messages    | 4 + 1 common                 |
| Operating Environment | 0-40°C                       |
| Dimensions (WxHxD)    | 150x104x30mm                 |
| SIM Card              | N/A                          |

### TECHNICAL INFORMATION AT-SD2

|                       |                               |
|-----------------------|-------------------------------|
| Supply Voltage        | 11.5 – 14Vdc                  |
| Current Consumption   | 50mA (standby) 170mA (active) |
| Trigger Inputs        | 4                             |
| Outputs               | 2 (12v 100mA)                 |
| Telecoms Approval     | CTR21                         |
| REN Rating            | 1                             |
| Dialling Format       | DTFM                          |
| Recording Length      | 30 seconds                    |
| Number Of Messages    | 8 + 1 common                  |
| Operating Environment | 0-40°C                        |
| Dimensions (WxHxD)    | 150x104x30mm                  |
| SIM Card              | N/A                           |

### TECHNICAL INFORMATION AT-SD3

|                     |   |
|---------------------|---|
| Supply Voltage      | 11.5 – 14Vdc                                  |
| Current Consumption | 35mA (standby) 70mA (active)                  |
| Trigger Inputs      | 8   |
| Outputs             | 4 x open collector (oc) switched –ve at 100mA |

|                              |   |
|------------------------------|---|
| <b>Telecoms Approval</b>     | CTR21   |
| <b>REN Rating</b>            | 1   |
| <b>Dialling Format</b>       | DTFM  |
| <b>Recording Length</b>      | 30 seconds  |
| <b>Number Of Messages</b>    | 16  |
| <b>Operating Environment</b> | -10-55°C  |
| <b>Dimensions (WxHxD)</b>    | 140x115x30mm  |
| <b>SIM Card</b>              | Accepts any standard GSM/GPRS mobile network SIM card<br>*Sim card not included |

## ORDERING INFORMATION

|                         |  |
|-------------------------|--|
| <b>Catalogue number</b> | 3491 AT-SD1+ Speech Dialler (12Vdc) - remote voice alarm indication over a telephone network                         |
|                         | 3492 AT-SD2 Speech Dialler (12Vdc) - remote voice & sms alarm indication over a telephone network                    |
|                         | 3493 AT-SD3 Speech Dialler (12Vdc) - remote voice & sms alarm indication over a GSM network. (SIM Card not included) |
|                         | 3680 AT-PSU-1 Supply Unit for AT-OPSEN and AT-SD1+ (230Vac to 12Vdc)   |

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