

# Octalarm-T: the latest in future-proof industrial alarm diallers



Companies are becoming increasingly reliant on computers and technical equipment. Meaning you have to take steps to guarantee continuous operation and prevent production stoppages.

The Octalarm-T from Adesys is specially designed and produced for just this. The Octalarm-T alarm dialler is ideal for today's automated environments, insuring the uninterrupted flow of your operations and the reliability of your equipment. This latest generation of alarm diallers has been developed in close consultation with users and insurance companies.



Octalarm is manufactured in the Netherlands by Adesys – pioneers and leaders in the field of remote communications.



## The Octalarm-T oversees your entire company

Who'll look after your business when you're away? Who'll be monitoring your computers and technical equipment while you're asleep? The Octalarm-T handles it all. With up to 16 alarm inputs,

no area in your company escapes the Octalarm-T's watchful eye. And should there be an emergency, a bell or buzzer instantly sounds the alarm. The alarm signal can also be routed to your phone or pager if you like. The Octalarm-T interfaces with most types of pagers. The alarm signal can even be transmitted via SMS (Short Message Service) to GSM phones, giving you peace of mind.





### The Octalarm-T reaches you anytime, anywhere

You can enter up to ten phone or pager numbers to receive alarm signals. If the Octalarm-T gets no reply or a 'busy' signal, it calls the next number in the order of priority that you specify. The system continues making alarm calls until the signal is accepted or deliberately reset. You can choose a number of reset procedures.



### Alarm status can checked by phone at any time

If you've been unavailable for a while and you want to know if there's been an alert during that time, all you have to do is dial the Octalarm-T number. Within seconds you'll receive the current alarm status of all connected equipment. Depending on the version, this is done by a coded tone or a voice message recorded by you.



### Local alarm calls

The Octalarm-T has a built-in buzzer and a two-line display for indicating alarm signals at your company. This gives all the information you need to take prompt and appropriate action. A siren and flashing light are optional extras. After resetting the buzzer, the flashing light remains active. It is only turned off when all alarms have been dealt with.

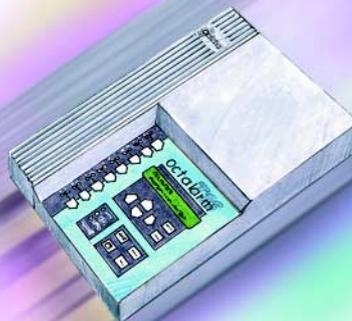


### The Octalarm-T is loud and clear - even from a distance

Depending on the version you have, two options for alarm calls by phone are available: an easily recognized tone or your own previously recorded voice.



For signals via pager, the Octalarm-T has pre-programmed report codes for each alarm channel. You can set these the way you want. Depending on your pager, you can select coded tones, numerical codes or text messages. Virtually all types of pager, message service or

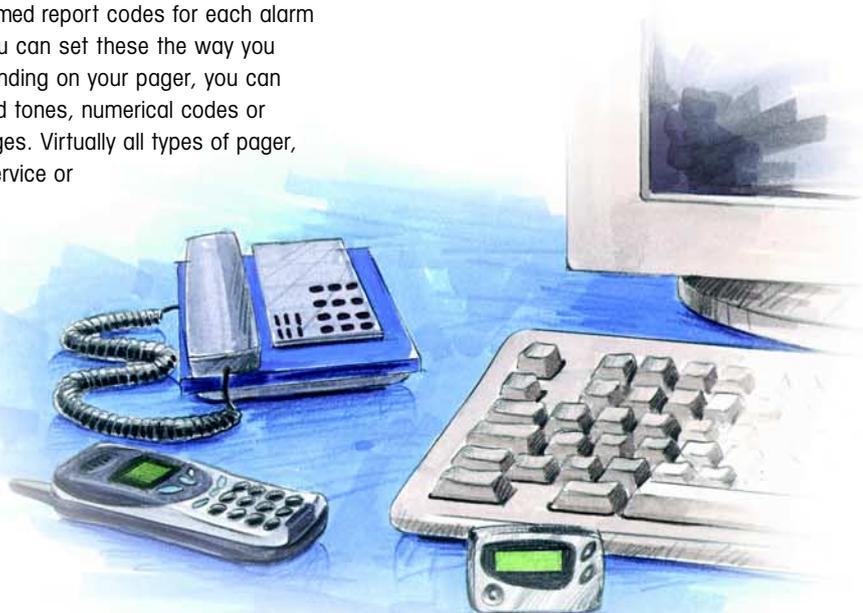


GSM phone can be reached. If you like, the Octalarm-T can call an alert station controlled by you.



### Even your power supply is monitored

The Octalarm-T has a range of features. One is the monitoring of your valuable equipment. Another one that's just as important, is the monitoring of the power supply. If this cuts out, the Octalarm-T immediately switches over to an emergency battery. And follows it with a full alarm procedure. If the battery's almost up, the Octalarm-T will even report that. And how about self-monitoring functions like periodic battery tests and 'telephone line signalling'? A broken telephone line immediately results in a local alarm.



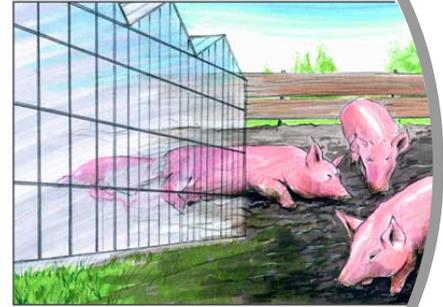
 **User-friendly operation**

The Octalarm-T is particularly easy to adjust. All information is shown clearly in a step-by-step fashion. You can sit back and

relax. The user-friendly set-up is already pre-programmed. Any adjustments can be made using the central control panel.

 **Remote switching via handy relay connection**

An additional port is available for connecting a relay switch. This can be used to restart an alarm installation, switch a ventilation unit or burglar alarm system on or off or to release an access door. All by phone. This relay switch is a standard feature of the Octalarm-T2, T4, T8 and T16.



## Monitor and control your system- anytime, anywhere

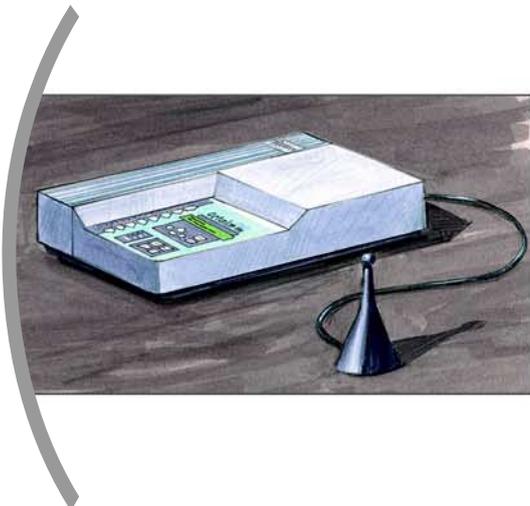
 **Via standard, ISDN or GSM networks**

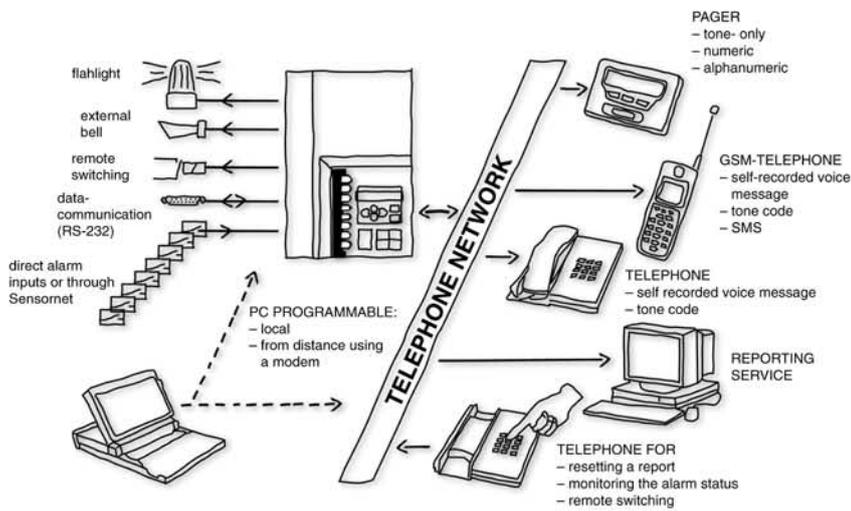
With the Octalarm-T you don't have to rely on a particular type of connection. It's suitable for both analogue and ISDN networks\*. The choice is yours. You have no phone line at all? No

problem. The GSM type gives you an extremely reliable connection via the mobile network. Connecting is simple: slot in your SIM card, input your number and you're ready.

The ideal solution for monitoring mobile equipment or sites that don't have the necessary infrastructure.

\*The Octalarm-T1 is only available for analogue networks.





### Practical information

- All external wiring linked via connector sockets
- Alarm contacts connected directly to the Octalarm-T or via Sensonet. One two-core low-voltage cable runs along all connected cables (max. length 1000 meters). System recognizes active input ports through coded connecting blocks at each contact
- Built-in power supply
- Emergency battery is maintenance-free and automatically checked and charged
- Programming is done through the easy-to-use control panel
- Models T2, T4, T8 and T16 can be programmed on or off site using a PC or laptop with a modem connection
- Extensive testing options
- System speaker allows you to listen in during test alarms (T2, T4, T8 and T16 models only)
- Data-logging of the last 50 alarm signals and program modifications for later analysis
- Extensive protection against lightning
- Quality checks on toughness and durability during the production process
- Self-testing functions insure extreme reliability
- Future-proof design includes space for program-updates and advances in communication technology

## Adesys BV: functional electronics

Adesys has specialized in electronics for a range of advanced applications since 1983. Our product range is just one of our strengths. For years we've been marketing a broad selection of telephone alarm systems for use in greenhouse produce, agriculture and industry. Our Octalarm-T and Modalarm-T series are brand leaders in the Netherlands. Thanks to their advanced technology, these alarm systems guarantee flexibility and security for your business.

We pride ourselves on our special products. We have extensive expertise in a broad cross-section of market sectors. Because of this we know and recognize specific problems. And this translates into sound electronic designs. This doesn't just mean complete products. They may also be part

of other products. Our special products are completely exclusive of course.

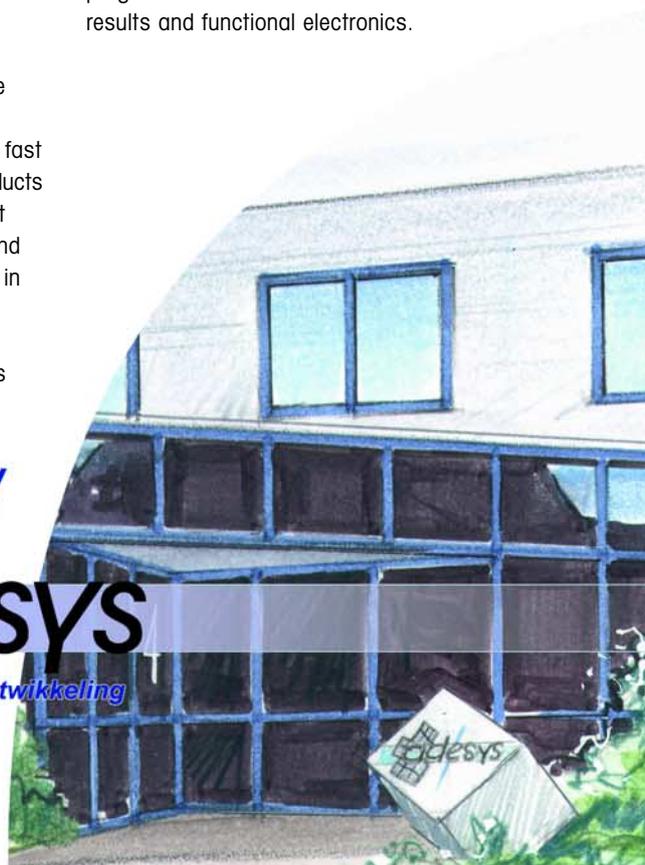
### In-house Production

All Adesys' products are manufactured in-house. Both standard and tailor-made equipment. Our hardware and software departments are always ready to make fast and expert adjustments to standard products to fit your specific needs. Direct contact and clear agreements, both internally and with our clients, play an important part in this.

Before delivery, each product undergoes an extensive testing procedure. First a

production trial followed by a wear and tear check, a durability test and then a final test. Everything has to meet Adesys' high-quality standards. A complete in-house program that's the foundation for fast results and functional electronics.

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# Summary of technical options

TYPE	T1	T2	T4	T8	T16
<b>ALARM INPUTS</b>					
number of alarm inputs	1	2	4	8	16
may also be connected via Sensonet (4 / 8 alarm inputs using one 2-core cable)	-	-	●	●	#
alarm delay adjustable per input (1 sec - 99 min)	●	●	●	●	●
<b>TELEPHONE ALARM</b>					
number of call numbers	10	10	10	10	10
selection order of call numbers adjustable per input	●	●	●	●	##
adjustable report delay for phone signal (1 - 99 min.)	-	●	●	●	●
signal to coded tone, numerical and alphanumeric pager	●	●	●	●	●
signal to telephone with coded tone / self-recorded message	● / -	● / ○	● / ○	● / ○	● / ○
signal to mobile GSM phone / via Short-Message-Service (SMS)	● / ●	● / ●	● / ●	● / ●	● / ●
signal to alert station	●	●	●	●	●
signal codes and report texts adjustable per alarm input	●	●	●	●	●
reset procedure adjustable per call number (reset during signal or by return phone call)	●	●	●	●	●
waiting period (1 - 99 min.) / reset code (max. 4 digits) adjustable per call number	● / ●	● / ●	● / ●	● / ●	● / ●
fully automated restart of report procedure after adjustable time period (1 min. - 20 hours)	●	●	●	●	●
requesting alarm status via telephone line, signal via coded tone / self-recorded message	● / -	● / ○	● / ○	● / ○	● / ○
telephone line monitoring, with local signalling	●	●	●	●	●
<b>LOCAL ALARM</b>					
incorporated alarm buzzer with adjustable volume	-	●	●	●	●
outputs (12VDC) for external buzzer (energizing and de-energizing) / flashing light	- / -	● / ●	● / ●	● / ●	● / ●
adjustable start- and stop condition for built in buzzer and external signals	-	●	●	●	●
indication of cause of alarm in display, text adjustable	-	●	●	●	●
<b>NIGHT MODE</b>					
for switching local and telephone signal procedures, can be externally activated	-	-	●	●	●
<b>EMERGENCY SUPPLY</b>					
supply voltage monitoring, with local and phone signal as default	●	●	●	●	●
built-in maintenance-free emergency battery (operating 4 - 15 hours)	●	●	●	●	●
phone signalling of empty battery / protection against battery over-discharge	● / ●	● / ●	● / ●	● / ●	● / ●
automatic monitoring of battery condition / local- and phone signal on battery failure	● / ●	● / ●	● / ●	● / ●	● / ●
permanent memory for all adjustments, (incl. recorded messages)	●	●	●	●	●
<b>ADJUSTMENT AND OPERATION</b>					
adjustment via control panel with menu-controlled display	●	●	●	●	●
keyboard blocking with access code	●	●	●	●	●
test functions / listening-in via phone line during testing	● / -	● / ●	● / ●	● / ●	● / ●
RS-232 connection for adjustment and programming via PC	-	●	●	●	●
remote programming via modem (with access code)	-	●	●	●	●
<b>CONNECTIONS</b>					
input for external reset key / activation of night mode	- / -	- / -	● / ●	● / ●	● / ●
output for relay (12VDC) to be switched on remotely	-	●	●	●	●
permissible load of external buzzers, flashing light and relay to be switched on remotely	-	-	150mA in total	-	-
telephone connector with preference circuit for current conversations override	●	●	●	●	●
built in protection against excess voltage (damage by lightning)	●	●	●	●	●
<b>MISCELLANEOUS</b>					
incorporated Hayes-compatible modem	-	○	○	○	○
reliable alarm across ISDN lines / GSM network	- / -	○ / ○	○ / ○	○ / ○	○ / ○
data-logger for last 50 alarm reports and program modifications	●	●	●	●	●
second RS-232 connection, function later to be defined	-	○	○	○	○
adjustment to client specifications	○	○	○	○	○
supply voltage	205-245 VAC, 50-60 Hz				
power distribution	4 - 9 Watt				
dimensions	255 x 171 x 58 mm				

- = standard
- = optional
- = not available
- # = inputs 1-8: always via direct connection  
inputs 9-16: always via Sensonet
- ## = selection order adjustable per 2 inputs

The policy of Adesys is aimed at continuous improvement of products.  
Therefore Adesys remains the right to change specifications without notice.

