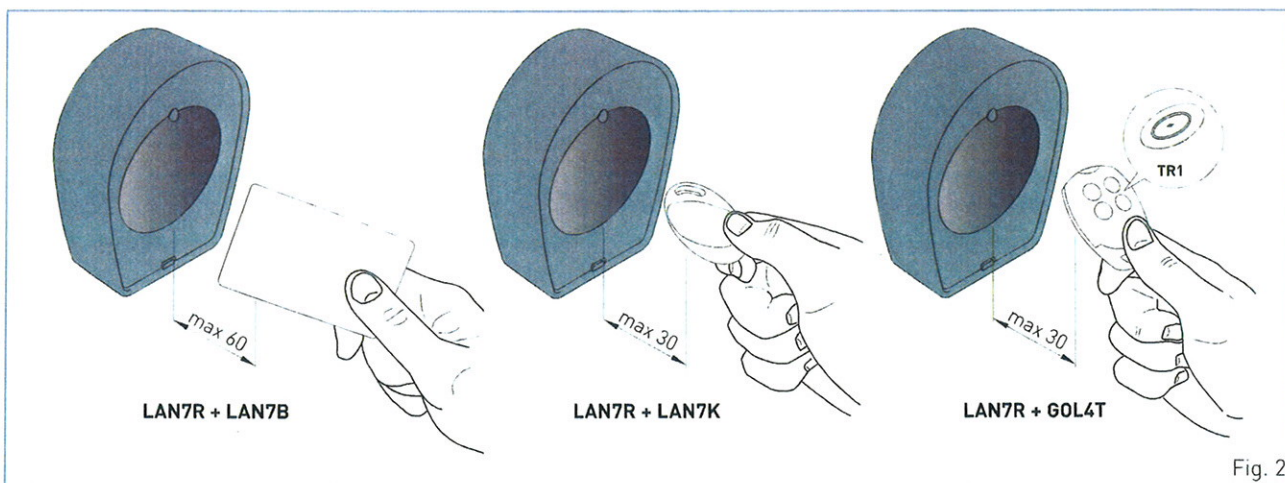
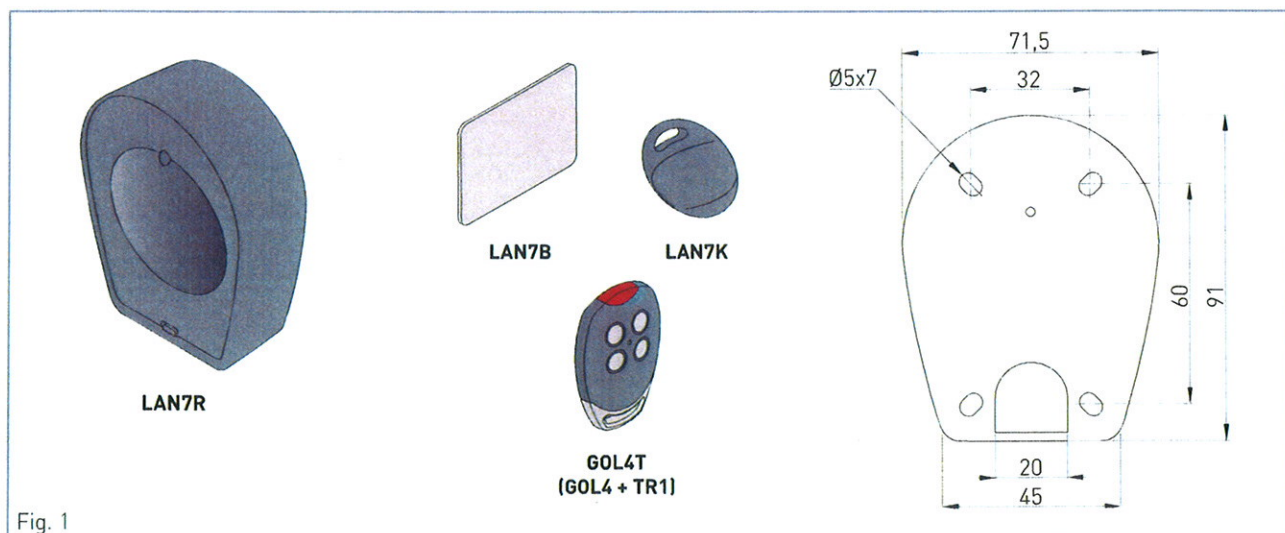


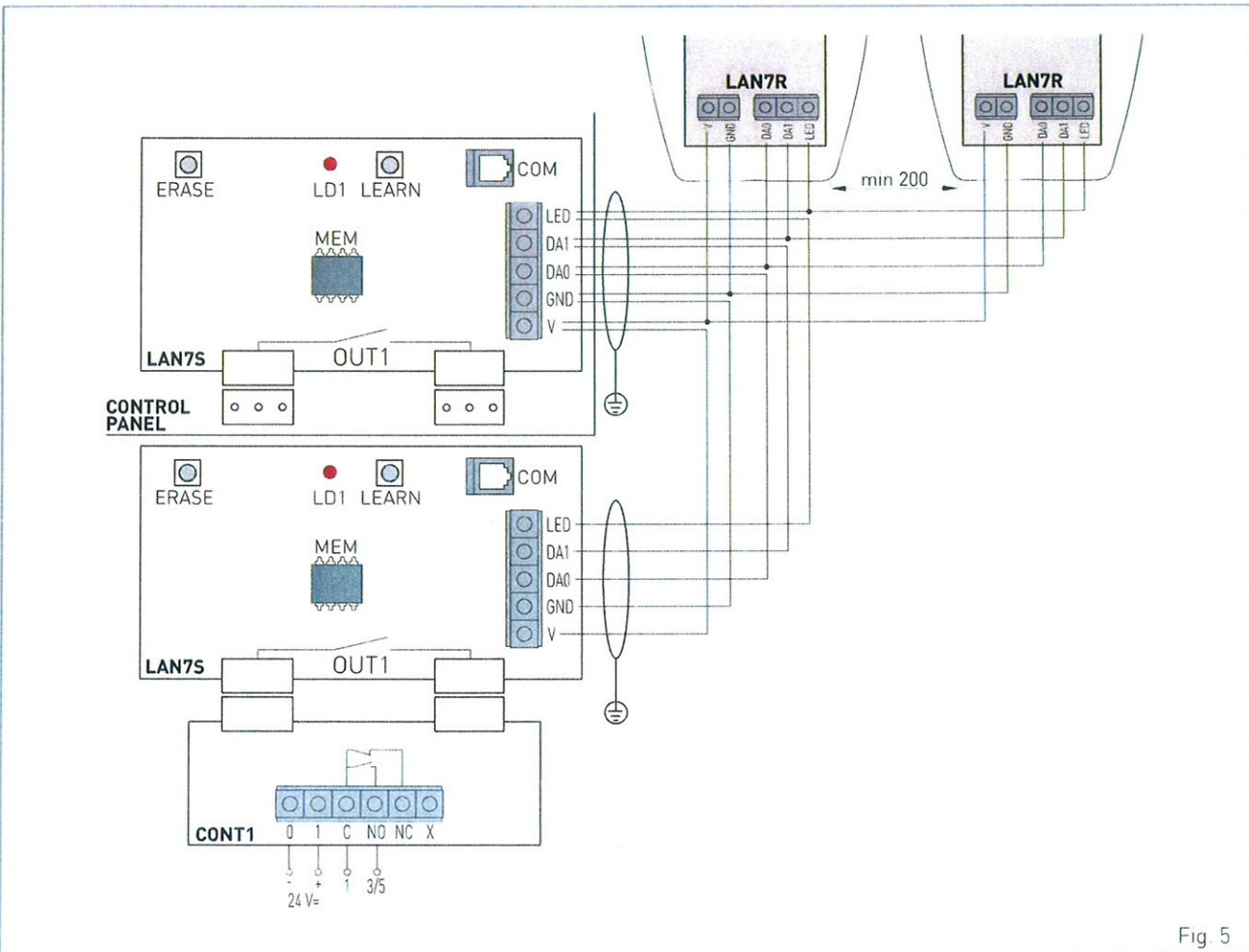
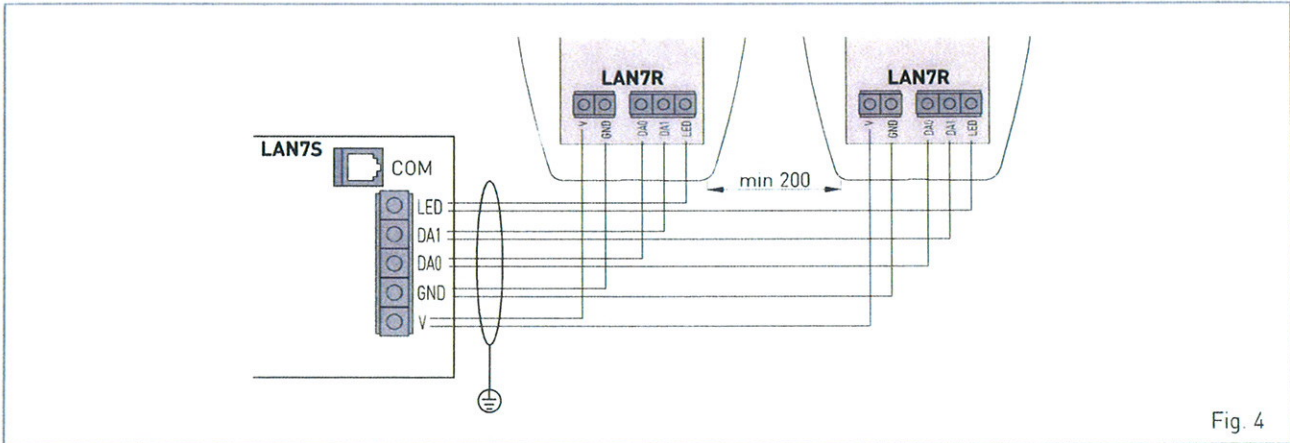
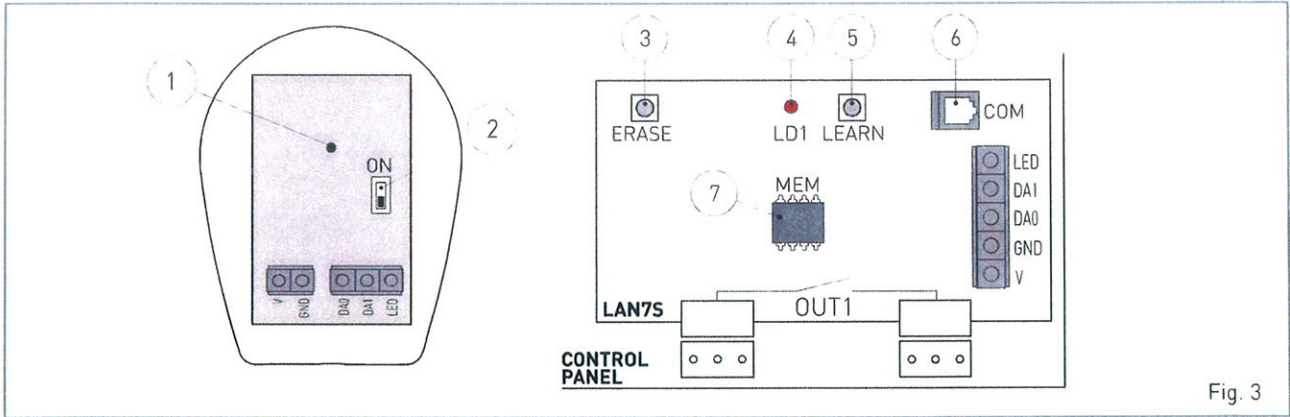
# Ditec LAN7

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Manuale di installazione sistema di controllo accessi a tessera e bottone  
 Installation manual for card- and button-operated access control systems  
 Manual de installation du système de contrôle d'accès à carte et à bouton  
 Installationshandbuch für berührungsloses Zugangskontrollsystem  
 Manual de instalación del sistema de control de accesos de tarjeta y de botón  
 Manual de instalação sistema de controlo acessos com cartão e botão



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## General safety precautions



This installation manual is intended for qualified personnel only. Read the instructions carefully before beginning to install the product. Incorrect installation may be a source of danger. Packaging materials (plastics, polystyrene, etc) must not be allowed to litter the environment and must be kept out of the reach of children for whom they may be a source of danger. Before beginning the installation check that the product is in perfect condition. For repairs or replacements of products only original spare parts must be used.

## EC declaration of conformity

The manufacturer Entrematic Group AB, with headquarters in Lodjursgatan 10, SE-261 44 Landskrona, Sweden, declares that LAN7 operated access control system is in conformity with the provisions of the following EC directives:  
R&TTE Directive 1999/5/EC;  
EMC Directive 2004/108/EC;  
Low Voltage Directive 2006/95/EC.

Landskrona, 2015-05-05

Marcos Zini  
( President & CEO )

## 1. Technical data

	LAN7R	LAN7S
Power supply	/	24 V $\overline{\text{=}}$
Absorption	/	100 mA $\approx$ 200 mA
Output N.O. (OUT1)	/	24 V = / 1 A (1 s)
Temperature	-20° C / +55° C	
Degree of protection	IP44	/
Memory capacity	/	508 codes
Range	60 mm [LAN7B] 30 mm [LAN7K-GOL4T]	/
Reader and control unit connection	max 100 m [70 m with 2 LAN7R]	/

## 2. Reference

- [1] LAN7R signalling LED
- [2] Selecting dip-switches
- [3] Full code deletion key
- [4] LAN7S signalling LED
- [5] Code learning key
- [6] Serial line connector RS-485
- [7] Memory module

## 3. LAN7R installation

- Secure the LAN7R reader in its envisaged position of use.
- Connect the card LAN7R to the LAN7S control unit by means of a burglarproof-type screened cable (not supplied) as shown in fig. 4 (taking care to connect the screening to the earth terminal).  
Note: two LAN7R reading units can be connected in parallel.
- Selecting the DIP SWITCH [2] mode :  
With DIP=ON, LED [1] comes on only if read code has been given access authorisation.  
With DIP=OFF, LED [1] comes on whenever any code is read.

## 4. LAN7S installation

- Insert the LAN7S control unit into the appropriate radio receiver seat in the electric board (alternatively, use the CONT1 support).
- Link up the LAN7S control unit to the LAN7R reader as described in fig. 4.
- Power on. LED [4] may rapidly flash for 15 to 20 seconds during the initialization phase.

### 4.1 Codes storing

- Press LEARN key [5]. LED [4] will light on.  
The learning mode will remain active for about 60 s.  
Bring a LAN7B card, LAN7K token or a GOL4T radiocontroller close up to the LAN7R reader (fig. 2) to allow the reader to memorize the

code on memory module [7].

After each reading, learning mode time count is reset to 10 s.

- LED [4] flashes twice upon each code being stored (up to 508 codes can be stored). After storage of each code has been completed, the LAN7S goes into stand-by for 10 s. If no further code is read within this time, the LAN7S automatically exits from the learning mode.

Note: if the code read by the LAN7R reader has already been stored, LED [4] rapidly flashes and the code is automatically disregarded.

Note: it is possible to increase the memory capacity up to 1016 codes by connecting two LAN7S boards as shown in fig. 5.

- Exiting from the learning function will occur automatically 60 s. after last memorisation or by pressing the LEARN key again.

### 4.2 Delete all codes

- To delete all codes from memory module [7], first press ERASE key [3] and keep pressed for 3 seconds. Upon key [3] being released, LED [4] will slowly flash for 5 s. At this point, press ERASE key [3] again before these 5 s. have elapsed to definitely confirm deletion of all previously stored codes. While deletion is underway, LED [4] will rapidly flash.

Note: it is not possible to delete a single code.

Note: if LAN7S breaks down, the same memory module [7] can be installed on another control unit. This avoids having to re-codify all the codes. Remove and insert the memory with LAN7S powered-off.

- Alarm. Should an internal alarm be detected, the LAN7S goes into alarm state, which is signalled by LED [4] flashing quickly.

## 5. Operating

After having stored all codes, bring the LAN7B card, LAN7K token or GOL4T radiocommander close up to the LAN7R reader (fig. 2) to activate automatic door or gate opening.

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