

## USER'S GUIDE

### AUTOMATED SYSTEM 844

**Read the instructions carefully before using the product and keep them for future consultation.**

#### GENERAL SAFETY REGULATIONS

If installed and used correctly, the 844 automated system will ensure a high degree of safety.

Some simple rules regarding behaviour will avoid any accidental trouble:

- Do not stand near the automated system and do not allow children and other people or things to stand there, especially while it is operating.
- Keep radiocontrols or any other pulse generator well away from children to prevent the automated system from being activated involuntarily.
- Do not allow children to play with the automated system.
- Do not willingly obstruct gate movement.
- Prevent any branches or shrubs from interfering with gate movement.
- Keep illuminated signalling systems efficient and clearly visible.
- Do not attempt to activate the gate by hand unless you have released it.
- In the event of malfunctions, release the gate to allow access and wait for qualified technical personnel to do the necessary work.
- After enabling manual operating mode, switch off the power supply to the system before restoring normal operating mode.
- Do not make any alterations to the components of the automated system.
- Do not attempt any kind of repair or direct action whatsoever and contact FAAC qualified personnel only.
- Call in qualified personnel at least every 6 months to check the efficiency of the automated system, safety devices and earth connection.

#### DESCRIPTION

The 844 automated system is ideal for controlling vehicle access areas of medium transit frequency.

The 844 automated system for sliding gates is an electro-mechanical operator transmitting motion to the sliding gate via a rack or chain pinion appropriately coupled to the gate. Operation of the sliding gate is controlled by an electronic control equipment housed inside the operator.

When, with the gate closed, the equipment receives an opening command by radiocontrol or from another suitable device, it activates the motor until the opening position is reached.

If automatic operating mode was set, the gate re-closes automatically after the selected pause time has elapsed.

If the semi-automatic mode was set, a second pulse must be sent to close the door again.

An opening pulse during re-closing, always causes movement to be reversed.

A stop pulse (if supplied) always stops movement.

For details on sliding gate behaviour in different function logics, consult the installation technician.

The automated systems include accessories and safety devices (photocells, edges) that prevent the gate from closing when there is an obstacle in the area they protect.

The system ensures mechanical locking when the motor is not operating and, therefore, no lock needs to be installed.

Manual opening is, therefore, only possible by using the release system.

The gearmotor is equipped with an adjustable mechanical clutch which, combined with an electronic device, offers the necessary anti-crushing safety, by guaranteeing reversal of closing motion or stopping of opening motion.

A sensor detects transit of the references fitted on the rack,

which correspond to the travel limit positions.

The electronic control equipment is housed in the gearmotor. A handy manual release makes it possible to move the gate in the event of a power cut or malfunction.

The warning-light indicates that the gate is currently moving.

#### MANUAL OPERATION

If the gate has to be operated manually due to a power cut or malfunction of the automated system, use the release device as follows:

- 1) Open the protection door and fit the supplied key in the lock as shown in Fig. 1.
- 2) Turn the key clockwise and pull the release lever as shown in Fig. 2.
- 3) Open and close the gate manually.

#### RESTORING NORMAL OPERATION

To prevent an involuntary pulse from activating the gate during the manoeuvre, cut power to the system before re-locking the operator.

- 1) Re-close the release lever.
- 2) Turn the key anti-clockwise
- 3) Remove the key and close the lock protection door.
- 4) Move the gate until the release meshes.

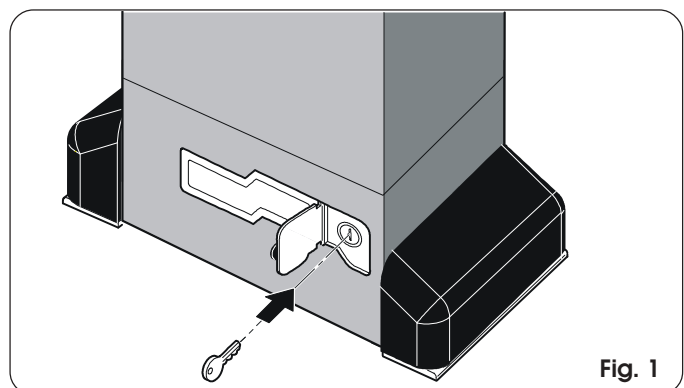


Fig. 1

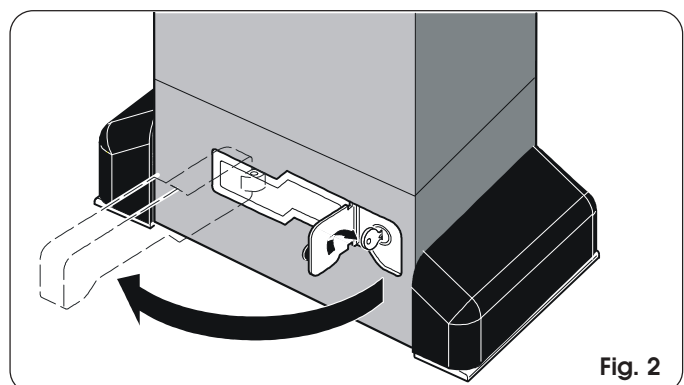


Fig. 2