

Installation Manual

Veritas RKP

Issue 7



Texecom
Designed to Perform

1. Installation

The *Veritas Excel* remote keypad is only suitable for use with the *Texecom Veritas Excel* and *Veritas R8Plus* control panels. The *Veritas RKP* remote keypad is suitable for use with all *Texecom Veritas* control panels.

Mounting

Open the keypad by carefully inserting a small flat-blade screwdriver into each slot at the base of the unit. Gently push the screwdriver to ease the retaining clips upward, **DO NOT LEVER OR TWIST**. Excessive force is **NOT** required. The front flap and front cover can now be removed.

Mount the keypad using at least two appropriate countersunk screws (no larger than No. 8). A keyhole slot has been provided to assist mounting and aid levelling.

Wiring

It is strongly recommended that the system is completely powered down (mains and battery) before wiring a keypad. Connect the keypad to the control panel using 4-core cable as follows:

Keypad	Control Panel
+ or 12v	+
- or 0v	-
T	T
R	R

Up to six keypads may be connected in parallel (star) or series (daisy-chain) or any combination.



When using long cable runs or connecting keypads in series (daisy-chain) ensure that the voltage at the keypad is no less than 10.0V.

When using 6-core or 8-core cable always use the spare cores to “double-up” on 0V. This will allow longer cable runs particularly when connecting keypads in series (daisy-chain). As a rule ‘trebling-up’ on 0V will be more beneficial than ‘doubling-up’ on 12V and 0V.

Selecting an Address

Each keypad MUST be given a different address using the DIP switch on the PCB according to the appropriate table below:

Standard RKP

Address	DIP 1	DIP 2	DIP 3	DIP 4
1	N/A	Off	Off	Off
2	Off	On	Off	Off
3	Off	Off	On	Off
4	Off	Off	Off	On
5	On	Off	Off	On
6	Off	On	Off	On

Excel Keypad

Address	DIP 1	DIP 2	DIP 3	DIP 4
1	N/A	Off	Off	Off
2	N/A	Off	Off	On
3	N/A	Off	On	Off
4	N/A	Off	On	On
5	N/A	On	Off	Off
6	N/A	On	Off	On



NOTE NEVER set two RKPs to the same address.

Keypads are factory set to Address 1.

If the keypad is powered but offline (i.e. T and R not connected) it will display its address.

If an invalid address is selected, the keypad will sound an error tone

Configuring the Keypad

When the system is powered up it automatically checks and configures all connected keypads. It is strongly recommended that the system is completely powered down (mains and battery) before wiring a keypad. If a keypad is added without removing power then it must be configured as follows:

From the unset state:

Enter your Engineer code (?) (?) (?) (?)

Press (Prog.) to access the Programming Menu

Enter (0) (9) to select the Configure RKPs option

Press (Prog.), the system will chime & scan for RKP addresses 1 - 6

Press (Reset) to return to the Programming Menu

Press (Reset) to return to the unset state



NOTE If an RKP is configured but off-line the system will have a tamper fault.

2. Specifications

Operating Voltage	10 - 13.7V _{dc}
Current Consumption:	<85mA
Volume:	Dual Level
Cable:	4-Core, ≤100m
Data Bus:	Star, Daisy Chain or any combination
Operating Temperature:	-10°C (+14°F) to +50°C (+122°F)
Storage Temperature:	-20°C (-4°F) to +60°C (+140°F)
Maximum Humidity:	95% non-condensing
EMC Environment:	Residential, Commercial, Light Industrial, Industrial

Standards

Safety:	Conforms to European Union (EU) Low Voltage Directive (LVD) 2006/95/EC.
EMC:	Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 2004/108/EC.
Security:	Conforms to EN50131-1, PD6662 and TS50131-3 Grade 2, Environmental class II requirements.

The CE mark indicates that this product complies with the European requirements for safety, health, environmental and customer protection.

Warranty

All Texecom products are designed for reliable, trouble-free operation. Quality is carefully monitored by extensive computerised testing. As a result *Veritas* keypads are covered by a two year warranty against defects in material or workmanship (details on request).

As the *Veritas* keypad is not a complete alarm system but only a part thereof, Texecom cannot accept responsibility or liability for any damages whatsoever based on a claim that the *Veritas* keypad failed to function correctly. Due to our policy of continuous improvement Texecom reserve the right to change specification without prior notice.

Veritas is a trademark of Texecom Ltd.