

Installation Manual

Veritas Excel Keypad

INS165



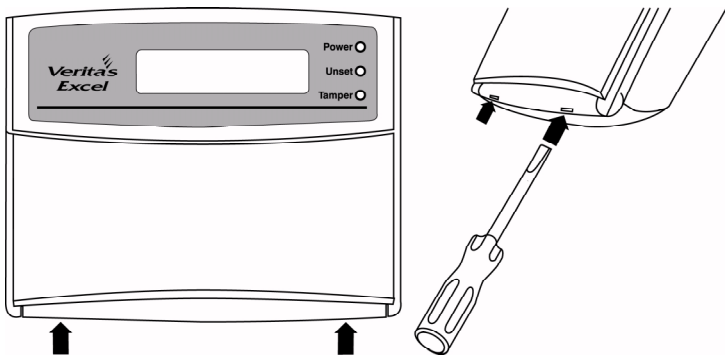
Texecom
Designed to Perform

Installation

The *Veritas Excel* Remote Keypad (RKP) is only suitable for use with the *Texecom Veritas Excel* Control Panel. Any combination of the *Veritas RKP* & *Veritas Excel* keypad may be used, up to 6 in total, with the *Veritas Excel*.

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
12V	AUX+
0V	AUX-
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 not more than 2V less than the voltage at the control panel.

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 as follows:

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



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_{mp})** 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.

Programming Mode

To access the Installer programming mode:


Enter the Engineer Access code **(?) (?) (?) (?)** and press **(Prog.)**, the display will read as follows for 10 seconds:

```
Reading Data
Please wait...
```

After 10 seconds the display will read as follows:

```
Program Mode
Enter Option  ↕
```

To quit programming **press (Reset)** and the system will return to unset.

 **NOTE** If you encounter problems, **press (Reset)** to return the system to unset.

If no keys are pressed, the system will automatically return to unset after 4 minutes.

There are two ways to select options whilst in the programming mode:

1. Select an option directly by entering a 2-digit number (e.g. for changing your Access code, enter **(6_{mn}) (0_l)**).
2. Wherever a **(↕)** symbol appears on the display, use the **(↕)** key to scroll up and down through the menus and press **(Yes)** or **(Prog.)** to access the menu.

Program Mode
Enter Option



Program Mode
Misc. Options



Program Mode
Zone Types



Program Mode
Zone Changes



Program Mode
Date & Time



Program Mode
System Timers



Program Mode
View Log



Program Mode
Suites



Program Mode
Code PINs



Program Mode
Code Types



Program Mode
Communicator



Program Mode
System Tests



Program Mode
Text



Wherever a symbol appears on the display, use the key to scroll up and down through the menus and press or to access the menu option.



To display an explanation of the Misc. or Comm. options associated with a particular number, press and hold the corresponding key .



To display the descriptive text associated with a particular zone number, press and hold the corresponding key .

		Program Mode Misc. Options ⚡
0	0	Misc. Opts 0 ⚡ Opts. > .23...7.
0	1	Misc. Opts 1 ⚡ Opts. > 123....8
0	2 _{abc}	Misc. Opts 2 ⚡ Opts. >7.
0	3 _{def}	Misc. Opts 3 ⚡ Opts. >
0	4 _{ghi}	Alm Activations ⚡ >03
0	7 _{prs}	Load Defaults ⚡ Press [Pro9]
0	8 _{tuv}	SW+ Output ⚡ >Set Pos + Reset.
0	9 _{wxyz}	RKP Conf19 ⚡ RKPs > 1.....
1	0	Detector Opts. ⚡ >0 Pulses
7 _{prs}	0	Panel ID ⚡ >Veritas Excel

		Program Mode Zone Types ⚡
1	1	Z1: Zone 1 ⚡ >Entry/Exit
1	2 _{abc}	Z2: Zone 2 ⚡ >Inhibited Entry
1	3 _{def}	Z3: Zone 3 ⚡ >Guard
1	4 _{ghi}	Z4: Zone 4 ⚡ >Guard
1	5 _{jkl}	Z5: Zone 5 ⚡ >Guard
1	6 _{mno}	Z6: Zone 6 ⚡ >Guard
1	7 _{prs}	Z7: Zone 7 ⚡ >Guard
1	8 _{tuv}	Z8: Zone 8 ⚡ >Guard



To display an explanation of the Misc. options associated with a particular number, **press and hold the corresponding key**

?

	Program Mode Zone Changes		Program Mode Date & Time
(2 _{abc}) (0 ₀)	Change on PSet Part Sets >1.3.	(2 _{abc}) (5 ₅)	Current Date >01/04/00
(2 _{abc}) (1 ₁)	Change to E/Ent Zones > .2.....	(2 _{abc}) (6 ₆)	Current Time 12:00.00
(2 _{abc}) (2 ₂)	Change to I/Ent Zones >	(2 _{abc}) (7 ₇)	Service Tmr 1 >25/12/00
(2 _{abc}) (3 ₃)	Change to Guard Zones > 1.....	(2 _{abc}) (8 ₈)	Service Tmr 2 >14/07/00
		(2 _{abc}) (9 ₉)	Service Tmr 3 >01/01/01



NOTE To display the descriptive text associated with a particular zone number, **press and hold the corresponding key** (?).

Options 27, 28 and 29 (Service Timers 1, 2 and 3) can only be accessed once the time and date have been programmed.

	Program Mode System Timers		Program Mode View Lo9
3 _{def} 1	Full Set Exit >30 seconds	9 _{wxyz} 4 _{ghi}	Extended Lo9 [Pro9] to View
3 _{def} 2 _{abc}	Part Set Exit >30 seconds	2 _{abc} 4 _{ghi}	Site ID ID: 0123456
3 _{def} 3 _{def}	Full Set Entry >30 seconds	4 _{ghi} 1	Basic Lo9 Evt 1 Alarms 1.....
3 _{def} 4 _{ghi}	Part Set Entry >30 seconds	4 _{ghi} 2 _{abc}	Basic Lo9 Evt 2 Alarms .2.....
3 _{def} 5 _{jkl}	Bell Cut Off >15 minuteys	4 _{ghi} 3 _{def}	Basic Lo9 Evt 3 Alarms ..3.....
3 _{def} 6 _{mno}	Part Set Mute >10 seconds	4 _{ghi} 4 _{ghi}	Basic Lo9 Evt 4 Alarms ...4.....
3 _{def} 7 _{pqrs}	Bell Delay >00 minutes	4 _{ghi} 5 _{jkl}	Basic Lo9 Evt 5 Alarms5....
3 _{def} 8 _{tuvw}	2nd Intruder >45 minutes	4 _{ghi} 6 _{mno}	Basic Lo9 Evt 6 Alarms6...
3 _{def} 9 _{wxyz}	Zone Soak Test >14 days	4 _{ghi} 7 _{pqrs}	Basic Lo9 Evt 7 Alarms7..
		4 _{ghi} 0 _{...}	Clear Basic Lo9 Press [Pro9]



To display the descriptive text associated with a particular zone number, **press and hold the corresponding key** (?).

	Program Mode
	Suites
4 _{ghi}	8 _{tuv}
	Zone Disable
	Zones >
4 _{ghi}	9 _{wxyz}
	Zone Soak Test
	Zones >
5 _{ju}	0 __
	Full Set Suite
	Zones > 12345678
5 _{ju}	1
	Part Set 1
	Zones > 1234...8
5 _{ju}	2 _{abc}
	Part Set 2
	Zones > 1234...8
5 _{ju}	3 _{def}
	Part Set 3
	Zones > 1234...8
5 _{ju}	4 _{ghi}
	Part Set 4
	Zones > 1234...8
5 _{ju}	5 _{ju}
	Chime Suite
	Zones >
5 _{ju}	6 _{mno}
	Cleaner Suite
	Zones >
5 _{ju}	7 _{pqrs}
	Double Knock
	Zones >
5 _{ju}	8 _{tuv}
	Permit Omit
	Zones > .2345678
5 _{ju}	9 _{wxyz}
	Zone Invert
	Zones >

	Program Mode
	Code PINs
6 _{mno}	0 __
	Enter new code
	Boss >????
6 _{mno}	2 _{abc}
	PIN 2: User 2
	Boss >????
6 _{mno}	3 _{def}
	PIN 3: User 3
	Null >????
6 _{mno}	4 _{ghi}
	PIN 4: User 4
	Null >????
6 _{mno}	5 _{ju}
	PIN 5: User 5
	Null >????
6 _{mno}	6 _{mno}
	PIN 6: User 6
	Null >????
6 _{mno}	7 _{pqrs}
	PIN 7: User 7
	Null >????
6 _{mno}	8 _{tuv}
	PIN 8: User 8
	Null >????



To display the descriptive text associated with a particular zone number, **press and hold the corresponding key** (?).

	Program Mode
	Code Types
7 pps	2 abc
	U2: User 2
	Type >Boss
7 pps	3 def
	U3: User 3
	Type >Null
7 pps	4 ghi
	U4: User 4
	Type >Null
7 pps	5 jkl
	U5: User 5
	Type >Null
7 pps	6 mno
	U6: User 6
	Type >Null
7 pps	7 pps
	U7: User 7
	Type >Null
7 pps	8 tuv
	U8: User 8
	Type >Null
7 pps	9 wxyz
	Own Type is
	>Boss

	Program Mode
	Communicator
8 tuv	0
	Comm Options
	Opts. > 1.....8
8 tuv	1
	Test Comm O/Ps
	Outputs



NOTE To display an explanation of the Comm options associated with a particular number, **press and hold the corresponding key** **(?)**.

	Program Mode	
	System Tests	⬆
0	Sounder Tests	⬆
5	Activate>	
0	Walk Test	⬆
6	[Pro9] to start	
1	Walk Test Latch	⬆
9	[Pro9] to start	

	Program Mode	
	Text	⬆
9	Zone Text	⬆
5	[Pro9] to Edit	
9	User Text	⬆
6	[Pro9] to Edit	
9	Banner Text	⬆
7	[Pro9] to Edit	
9	Broadcast Text	⬆
8	[Pro9] to Send	
9	Default Text	⬆
9	[Pro9] to Load	

Zone and User Name Text

Zone & User Text is programmed in a similar way to mobile phones.



Select characters by pressing the corresponding key the appropriate number of times (to select a character on the same key, either wait 2 seconds or press the **Full** key).

Key	Text									
1	.	,	1	'	#	&	+	-	/	:
2_{sec}	A	B	C	2						
3_{sec}	D	E	F	3						
4_{sec}	G	H	I	4						
5_{sec}	J	K	L	5						
6_{sec}	M	N	O	6						
7_{secs}	P	Q	R	S	7					
8_{sec}	T	U	V	8						
9_{secs}	W	X	Y	Z	9					
0_{sec}	␣	0								
Full	Advance Cursor									
Chime	Backspace									
Omit	Upper/Lower Case & Numerical									
Prog.	Accept New Text									

TECHNICAL SPECIFICATION

Electrical

Operating Voltage

Nominal: 13.7V_{DC}

Minimum: 10.0V_{DC}

Current Consumption: <85mA

Volume: Dual Level

Cable: 4-Core ≤100m

Data Bus: Star, Daisy Chain or any combination

Environmental

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 or Industrial

Physical

Dimensions: 145 x 115 x 30 (mm)

Packed Weight: 260g approx

Standards

Conforms to European Union (EU) Electro-Magnetic Compatibility (EMC) Directive 89/336/EEC (amended by 92/31/EEC and 93/68/EEC).

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 the *Veritas Excel* RKP is covered by a two year warranty against defects in material or workmanship (details on request).

As the *Veritas Excel* RKP 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 Excel* RKP failed to function correctly. Due to our policy of continuous improvement Texecom reserve the right to change specification without prior notice.

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