



THANK YOU FOR VOTING TEXECOM

INSTALLATION MANUAL

Premier 8XP

Zone and Output Expander

Issue 3



Texecom
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1. Installation

The *Premier 8XP* expander is only compatible with the *Premier* range of control panels.

Expanders can be connected serially (daisy chain), in parallel (star) or any combination of the two.

Mounting

Remove each screw cap by inserting a flat bladed screwdriver into the slot and turning anti-clockwise, excessive force is **NOT** required. Remove both of the cover screws and put them in a safe place along with the screw caps. Gently pull the cover away from the base applying slight pressure to the sides at the top of the expander if required. The front cover should now be off.

Mount the expander 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 an expander. Connect the expander to the control panel using 4-core cable as follows:

Expander	Control Panel	Description
+	+	+12V Supply
-	-	0V Supply
T	T	Transmit Data
R	R	Receive Data

The networks are made up of four terminals incorporating power and data. To ensure correct operation, all four terminals on the device must be connected to the corresponding terminals on the control panel or previous device.










Expanders can be connected using 4-core cable. However, it is recommended that 6 or 8-core cable is used as the spare cores can be used to 'Double Up' on the power connections if needed.



Standard 7/0.2 alarm cable can be used for most installations. However, under certain conditions it may be necessary to use screened cable.

Selecting an Address

Each expander must be assigned a different address using the DIL switches located in the centre of the PCB. The table below shows the expander addressing:

Address	DIL 1	DIL 2	DIL 3	DIL 4	
1	On or Off	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	
7	Off	Off	On	On	
8	On	Off	On	On	



Never set two expanders on the same network to the same address.
Expanders are factory set to address 1.

Wiring Zones

Please refer to the control panel Installation Manual for details on wiring, programming and testing the zones.

Wiring Outputs

Please refer to the control panel Installation Manual for details on wiring, programming and testing the outputs.

Wiring Loudspeakers

Please refer to the control panel Installation Manual for details on wiring, volume adjustment and testing the loudspeaker.

2. Specifications

Electrical

Operating Voltage	10 - 13.7V _{DC}
Current Consumption	<120mA (with speaker)
Network	4-wire standard 7/0.2 alarm cable up to 250m. Star, Daisy Chain or any combination.
Outputs 1 - 8	100mA switched to 0V
Speaker Output	Minimum Load 8Ω (programmable volume)
Auxiliary Input	0V = Secure, O/C = Active
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

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 *Premier 8XP* expander is covered by a two-year warranty against defects in material or workmanship.

As the *Premier 8XP* expander 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 *Premier 8XP* expander 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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