

# Premier 412

CONTROL PANEL WITH INTEGRATED COMMUNICATOR



THANK YOU FOR VOTING TEXECOM



The Premier 412 is a 4 zone control panel which can be extended up to 12 zones with the addition of the Premier 8X/Premier 8XE Zone Expanders. This control panel has been designed to provide advanced security for installations where reliable communication of system events is a priority. The circuitry and PCB layouts ensure maximum protection against lightning and other harsh environments.

## Outstanding features include:

- ✓ INTEGRATED COMMUNICATOR (PULSE/EXPRESS/FAST FORMAT, CONTACT ID, SIA LEVEL II & PAGER)
- ✓ 4 FULLY PROGRAMMABLE ZONES (EXPANDABLE TO 12)
- ✓ LOCAL & REMOTE UPLOAD/DOWNLOAD VIA WINTEX™ SOFTWARE & PC
- ✓ 8 FULLY PROGRAMMABLE OUTPUTS (2 SUPERVISED)
- ✓ 2-WIRE/4-WIRE SMOKE DETECTOR COMPATIBILITY
- ✓ 4-WIRE DATA-BUS FOR COMMUNICATING KEYPADS & EXPANDERS
- ✓ 2 TRUE PARTITIONS WITH SEPARATE ENTRY/EXIT, BELL DELAY & DURATION TIMERS
- ✓ ZONE DOUBLING FEATURE
- ✓ 1000 EVENT LOG (TIME & DATE STAMPED)
- ✓ 16 FULLY PROGRAMMABLE ACCESS CODES
- ✓ 4 BYPASS GROUPS
- ✓ CTR21 TELECOMMUNICATION APPROVAL

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## FEATURES & EXPANSION

- ✓ EACH ZONE PROGRAMMABLE TO 1 OF 9 WIRING OPTIONS INCLUDING NORMALLY CLOSED, NORMALLY OPEN, SINGLE EOL, DOUBLE EOL & ZONE DOUBLING
- ✓ EACH ZONE HAS 27 PROGRAMMABLE ZONE ATTRIBUTES
- ✓ PROGRAMMABLE ZONE LOOP RESPONSE TIME
- ✓ ZONE SOAK TEST FACILITY
- ✓ 26 PROGRAMMABLE SYSTEM/PARTITION TIMERS
- ✓ EACH KEYPAD HAS 23 PROGRAMMABLE OPTIONS INCLUDING PARTITION ASSIGNMENT, EMERGENCY ALARM ENABLE/DISABLE, QUICK ARM/DISARM ENABLE/DISABLE & SYSTEM ALARM TONES ENABLE/DISABLE
- ✓ 77 PROGRAMMABLE OUTPUT FUNCTIONS
- ✓ SUPERVISED SIREN OUTPUT - CONFIGURABLE FOR SPEAKER OR BELL DRIVER
- ✓ PRINTER OUTPUT VIA *PC-Com*
- ✓ STAND-BY BATTERY TEST
- ✓ INSTALLER CODE LOCKING
- ✓ DUAL TELEPHONE NUMBERS FOR ALARM RECEIVING CENTRE
- ✓ DTMF OR PULSE DIALLING FORMATS
- ✓ AUTOMATIC TEST TRANSMISSION
- ✓ PROGRAMMABLE REPORTING CODES FOR EACH SYSTEM EVENT
- ✓ ATTENDED OR UNATTENDED UPLOAD/DOWNLOAD
- ✓ ANSWER PHONE DEFEAT OPTION
- ✓ AUTO BYPASS MODE (PROGRAMMABLE PER PARTITION)
- ✓ PROGRAMMABLE VOLUME CONTROL FOR PANEL/EXPANDER SPEAKER OUTPUT
- ✓ *WINTEX UDL* SOFTWARE

## PREMIER RKP4, RKP16 & RKP16 Plus REMOTE KEYPADS



The *Premier RKP4* is the standard remote keypad for the *Premier 412* control panel.

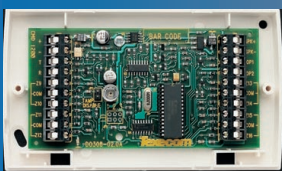


The *Premier RKP16* and *RKP16 Plus* keypads are used when the system is expanded above 4 zones.

- ✓ Separate indicators for each zone allow the system status to be accessed at a glance
- ✓ Up to 6 keypads can be connected
- ✓ Dual level back-lighting
- ✓ 4-wire connection to data-bus
- ✓ Built-in piezoelectric sounder
- ✓ 2 fully programmable zones (*Premier RKP16 Plus* only)



## PREMIER 8X REMOTE ZONE EXPANDER



The *Premier 8X* Remote Zone Expander is wired to the data-bus to provide the following features:

- ✓ 8 fully programmable zones
- ✓ 2 programmable outputs
- ✓ Speaker driver output with programmable volume control

## PREMIER 8XE LOCAL ZONE EXPANDER

The *Premier 8XE* Local Zone Expander plugs onto the control panel to provide 8 additional fully programmable zones.



## PC-Com



The *PC-Com* adds the ability to Upload/Download locally with the *Premier 412/816* control panels. One end of the *PC-Com* simply plugs into the control panel, whilst the other end plugs into a PC or laptop running the *Wintex UDL* software.

## SPECIFICATION

### PREMIER 412 ENDSTATION ELECTRICAL

**Current Consumption** Quiescent current <50mA.  
Alarm current <150mA.

#### Fuses:

**Mains** 230V<sub>AC</sub> T315mA, 250V, 20mm.

**Battery** 1.6A, 250V, 20mm.

**Auxiliary** 1A, 250V, 20mm.

**Siren** 1A, 250V, 20mm.

**Data** 1A, 250V, 20mm.

**Zones** 4 on board, fully programmable.  
EOL resistor value 3K3.

#### Panel Outputs

O/P 1 and 2 (supervised) switched negative @ 1A.

O/P 3 - 8 switched negative @ 100mA.

#### Siren Output (Supervised)

Minimum load 4Ω when used as Speaker driver.

Switched negative @ 1A when used as Bell driver.

#### 2-Wire Smoke Detectors

ESL429CT and System Sensor 2100TS.

**Data-Bus** 4 wire connection including power.

**Remote Keypads** Up to 6.

#### Digital Communicator:

**Protocols** Pulse/Express/Fast Format (Scancom),

Contact ID and SIA Level II.

**Telephone Numbers** 2 up to 24 digits.

**Dialling Formats** Pulse (USA or European) or DTMF.

**REN** 1.

**Approval** CTR21.

#### POWER SUPPLY

##### Maximum Total Current Rating

1A with 16.5AC, 25VA transformer.

1.5A with 16.5AC, 40VA transformer.

**Ripple** <5%.

**Rechargeable Battery Capacity** 1.2 to 7Ah.

#### 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** 282mm x 225mm x 80mm.

### REMOTE KEYPADS ELECTRICAL

**Operating Voltage** 13.7V<sub>DC</sub> nominal, 9.0V<sub>DC</sub> minimum.

**Current Consumption** 35mA nominal, 85mA when back lit.

**Data-Bus** 4-wire up to 500m Star, Daisy Chain, or any combination.

**ENVIRONMENTAL** As control panel.

#### PHYSICAL

**Dimensions** *RKP4, RKP16* 140mm x 105mm x 35mm.

*RKP16 Plus* 145mm x 115mm x 30mm.

### PREMIER 8X ZONE EXPANDER ELECTRICAL

**Operating Voltage** 13.7V<sub>DC</sub> nominal, 9.0V<sub>DC</sub> minimum.

**Current Consumption** 35mA nominal, 180mA in alarm with speaker.

**Data-Bus** 4-wire up to 500m Star, Daisy Chain, or any combination.

**ENVIRONMENTAL** As control panel.

#### PHYSICAL

**Dimensions** 125mm x 65mm x 30mm.

### PREMIER 8XE ZONE EXPANDER ELECTRICAL

**Operating Voltage** 13.7V<sub>DC</sub> nominal, 9.0V<sub>DC</sub> minimum.

**Current Consumption** 35mA nominal.

**ENVIRONMENTAL** As control panel.

#### PHYSICAL

**Dimensions** 83mm x 50mm x 12mm.

### EUROPEAN STANDARDS

Conforms to European Union (EU) Low Voltage Directive

(LVD) 73/23/EEC (amended by 93/68/EEC) and Electro-Magnetic

Compatibility (EMC) Directive 89/336/EEC (amended by

92/31/EEC and 93/68/EEC).

EN 50131-1 Grades 1 and 2.

The CE mark indicates that this product complies with the

European requirements for safety, health, environmental

and customer protection.

### BEST MANUFACTURER 2000

### INTRUDER ALARM MANUFACTURER

### OF THE YEAR 2000

### BEST MANUFACTURER 1999



Certificate Number: FM 35285

British Security Industry Association

P412.EU2