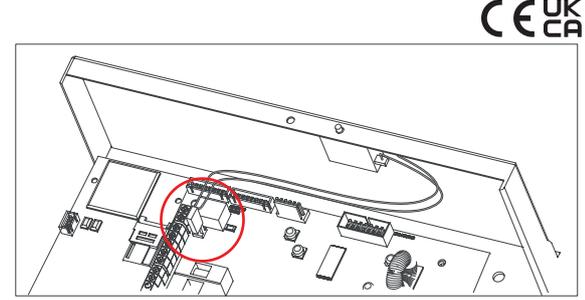# EURO 76
QUICK START GUIDE
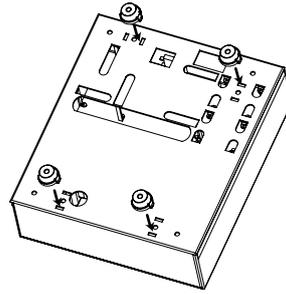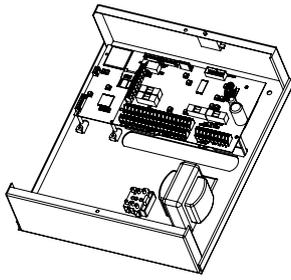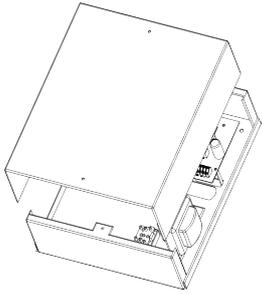
Pyronix

CE | UK CA

INSTALLATION

Unscrew and remove the cover of the EURO 76.

The EURO 76 printed circuit board is located to the top right hand side

Install the supplied stand-offs if needed before mounting the metal case to the wall.
Screw the back metal plate to the wall.

The tamper mechanism comes already fitted. Be careful to prevent trapping wires and replace the enclosure lid, making sure the tamper is operational, then secure with lids screws.

Please note: The above shows the small metal casing. The large casing already has the stand-offs attached out of the box and must be left on to utilise the back tamper correctly.
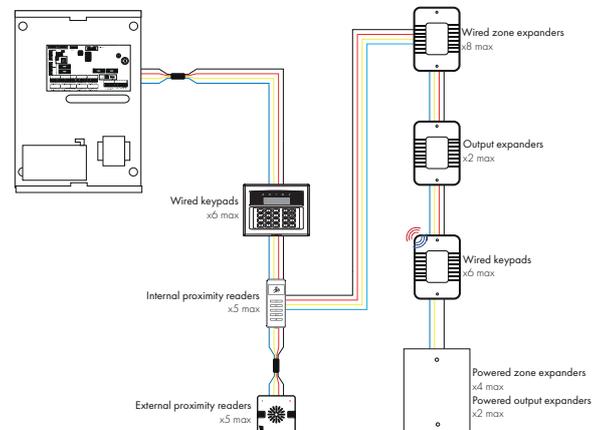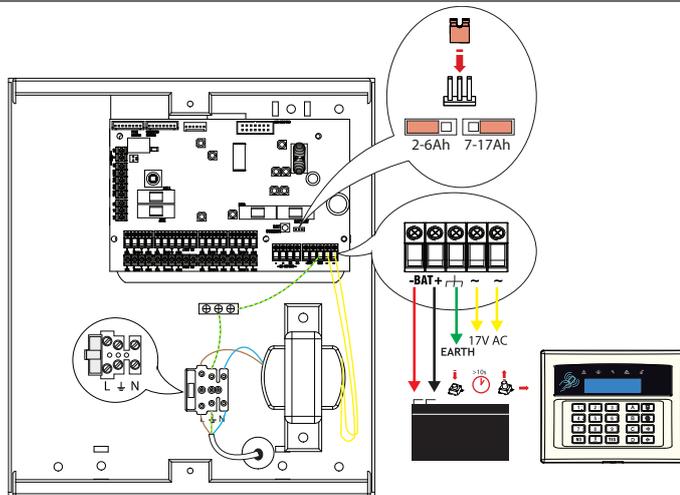
PCB OVERVIEW
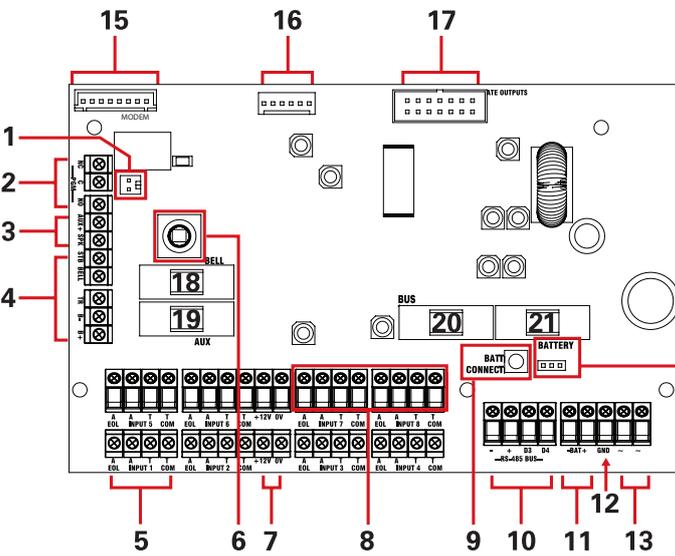
1. **Case tamper 'Hold-Off' jumper**
2. **PGM 1**
   12v 3A NC/NO relay
3. **Speaker connection**
   Connects 1x 16ohm speaker.
4. **External sounder connections**
   Connects an external sounder.
5. **Input connections**
   8 Fully programmable inputs.
6. **Tamper switch**
   Optional tamper protection for the metal casing.
7. **Auxiliary 12V power**
   12V power supply
8. **Inputs or outputs**
   Inputs 7 and 8 may be programmed as outputs if unused.
9. **Battery connect 'Kick-start' switch**
   To power-up and program from battery power (when there is no mains power available).
10. **RS485 bus terminals**
    Connects peripherals.
11. **Battery connection**
    For battery back up.
12. **Earth connection**
    Connects the earth.

13. **17V connection**
    Connects the AC transformer 17V supply.
14. **Battery charge capacity jumper**
    For battery back up.
15. **Modem connections**
    The left connector (labelled 'modem') is for signalling modules.
16. **RS232 connection**
    This connection is used for an RS232 lead that will connect to a PC to allow uploading/downloading of data using the InSite software. It can also support advanced communications connections such as SIA with 3rd party communicators when not utilising the app capability.
17. **Communication outputs**
    Connects the supplied communication loom to enable an additional 9 programmable outputs. These are low current and would normally be used when connecting a stand-alone communicator to the panel.
18. **Bell fuse**
19. **Auxiliary fuse**
20. **Bus fuse**
21. **Battery fuse**

INITIAL WIRING

POWER AND BATTERY CONNECTIONS

2-6Ah | 7-17Ah

-BAT+ ⊓ ~ ~
17V AC
EARTH
>10s

485 BUS WIRING

Wired zone expanders x8 max

Output expanders x2 max

Wired keypads x6 max

Wired keypads x6 max

Internal proximity readers x5 max

External proximity readers x5 max

Powered zone expanders x4 max
Powered output expanders x2 max

Ensure wiring is done to the national wiring regulations in the country where the installation is taking place. In the UK, this is BS 7671 Requirements for electrical installations; IET Wiring Regulations (18th edition). If in doubt, consult a local qualified electrician. Ensure that a readily accessible disconnect device incorporated in the premises installation wiring shall be provided external to the equipment with a contact separation of at least 3,0mm and connected as closely as possible to the supply. Example: Fused Spur Unit. When fixing external wires, ensure that means are provided in the installation to prevent the SELV (Safety Electrical Low Voltage) or signal circuits from coming into contact with live parts of the power supply circuit. Wires shall be fixed near their terminal blocks. The end of stranded conductor shall not be consolidated by soft soldering at places where the conductor is subjected to contact pressure. Example: Must not solder ends of wires which are to be secured in detector and control panel terminal connectors. On completion of wiring use tie-wraps to prevent any loose wires causing a safety hazard (material of cables tie shall be rated at least HB or better). Cables ties and sleeves shall be separate for power supply cable and SELV (Safety Electrical Low Voltage) wirings. Size of protective bonding conductors: minimum section 1.5mm². Example: Electrical Earth wire connections.
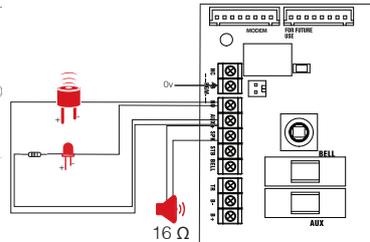
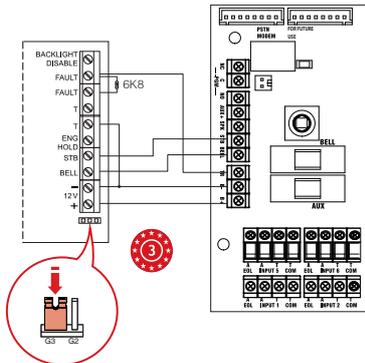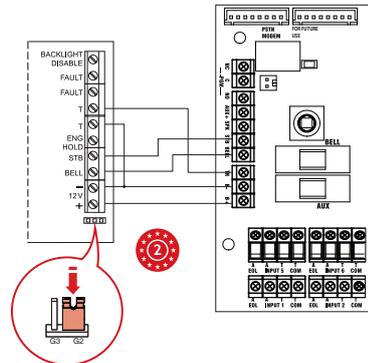| Cable Type	Screened Cable	Bus Range (m)	Wiring Format	
			Star Wiring Range	Daisy Chain Range
4 core alarm cable	Use this type of cable when the wiring of the 485 bus is located near 230VAC mains power wiring	300	50 m	1 km
6 core alarm cable (doubling D1 (0v) and D2 (+12V))		1000		
Twisted Pair		1000		

ZONE WIRING

OUTPUT WIRING

16 Ω
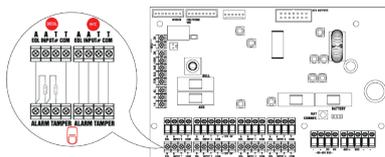
GRADE 3 SIREN WIRING

GRADE 2 SIREN WIRING

POWER UP

- Connect any modems if required and any other devices (input expanders, output expanders etc.) before powering up the system.
- Wire the LAN cable if the DIGI-LAN is installed.
- Install the SIM card, connect the antenna and locate outside and away from the metal casing if the GPRS or Wi-Fi modem is used.

On power up, the panel will typically show the screens displayed to the right

485 COMMS FAIL

>>PLEASE WAIT<<

EURO 76
Time   10:09 c

MENU OPTIONS

IMPORTANT MENU INFORMATION

Default codes
Engineers
1111
Master Manager
2222
User
'Blank'

Entering and Exiting Engineer Menu
Entering Engineer Menu
Enter the Engineer code. If any faults are active, they will be displayed now on the screen. Press NO and enter the Engineer code again. 'SET DATE & TIME?' is displayed.

Clean Start
Once in the Engineer menu, the panel should be clean started with the code '2002' to prepare the system with the options enabled for a grade 2 installation or code '2000' for grade 3. Once clean started, the Engineer menu must be exited before any other programming is performed.

Exiting Engineer Menu
When a main menu item (a menu that is in capital letters) is displayed, press A or scroll to 'EXIT ENGINEER MENU?' and press YES.

IMPORTANT MENU ITEMS

Wireless device control
Learns and deletes all wireless zones, bells, wireless speaker/sounders and arming stations.

Change inputs
Programs all zone types, attributes, areas and names.

Install ZEMs
Installs zone expansion modules that are wired to the system.

Assign keypads and readers
Assigns wired/wireless keypads and readers, and enables readers for entry control.

System options
Contains sub-menus for configuring options such as how the system will operate day-to-day and system displays.

Engineer tests
Allows the engineer to test zones, outputs, batteries and the siren etc.

Diagnostics
Displays power, zone status, wireless arming stations, wireless signal strength and wireless battery levels.

Communications
Configures the signalling and smart device control of the system.

COMMON INPUT TYPES

Most commonly used input types:
- **[06] Intruder**
Typically lounge, kitchen, dining room, landing and bedroom. Any zone that is to instantly trigger the alarm when the system is armed.
- **[07] Final Exit**
Typically front door or doors that should initiate the entry timer.
- **[08] Entry Route**
Typically entrance/hall/bottom of stairs or zones between the final door and the point of system disarm.
- **[13] Day Alarm**
Typically fire doors or any zone that is to notify with an internal alarm if triggered.

Dynamic input types
- **[09] ER (Part FX)**
Used on zones that need to act as an entry route in full arm but final exits in part set.
- **[10] FX (Part ER)**
Used on zones that need to act as a final exit in full arm but entry routes in part set.

HOMECONTROL2.0
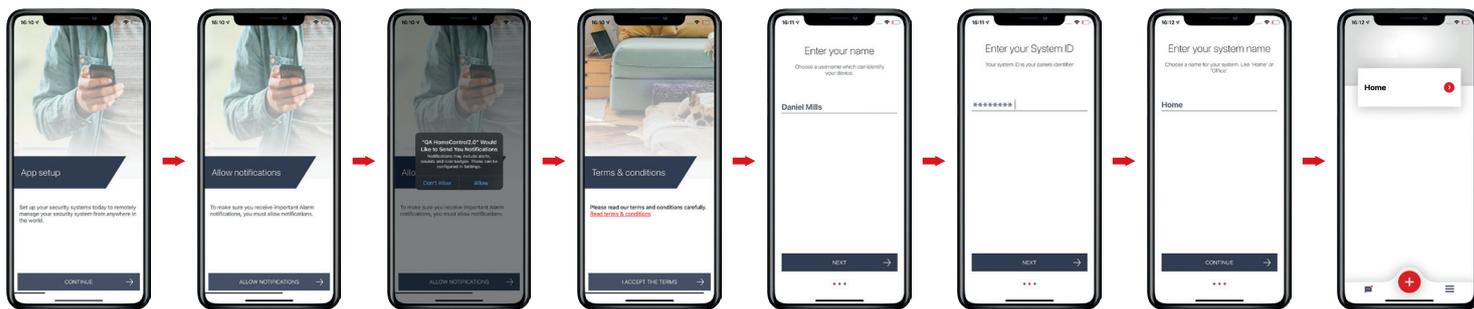
Before connecting to the system with **Home**Control**2.0**, the IP communication module (whether that is Wi-Fi, LAN or GPRS) must have a stable data connection. The system must also be registered on a PyronixCloud account.
1. When **Home**Control**2.0** is opened for the first time, it will go through the initial set up. Select 'CONTINUE' to proceed.
2. Enable the notifications to allow **Home**Control**2.0** to alert via push and voice notifications.
3. The smart device may display a settings message requesting notification authorisation. Allow to receive notifications.
4. Read and accept the Terms and Conditions to proceed.

5. Create a username so the device can be identified on PyronixCloud. Press 'NEXT' when this has been entered.
Please note: Once this step is complete, this username cannot be edited without deleting and reinstalling the app.
6. Enter the unique system ID of the control panel and press 'NEXT'.
Please note: This can be found in the Master Manager menu in 'SET UP APP DATA?' Please see Extended User Guide for further guidance.
7. Enter a 'system name'. This is how this system will be labelled throughout the application. Once it has been entered, press 'CONTINUE'.
Please note: This can be edited at a later time.
8. The system is now added to the main screen of **Home**Control**2.0**.

OTHER INFORMATION

Technical Support
If you require assistance with the installation, please call our UK technical support team.
Alternatively if you do not require assistance straight away, you can email the team who will reply to you as soon as possible.
Our office hours are: Monday to Friday 8:00 - 18:30.

☎ 0333 444 1280

✉ technicalsupport@pyronix.com

Pyronix Support HUB
Full Online Product Guides
Full installation, programming, communication and user guides, as well as datasheets, certifications and declarations, for all our products can be found by scanning the QR code or navigating to the URL below it.

Please note: A pyronix.com installer account is required to access the manuals

www.support.pyronix.com