




S.No.		Description EUROTECH FIRE SYSTEMS – LPCB / EN-54/ Addressable Wireless Fire Alarm System	Part No.
		<p>WIRELESS HEAT DETECTOR</p> <p>The EUW-TA-05 is the latest in wireless heat detector technology. It is a fully intelligent device and compatible with all Euro-fi wireless Translator and Expander modules. The detector is designed for open area protection giving the best possible warning of a fire condition in locations where smoke detection technology is not suitable. The well-proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.</p> <p>Key Features</p> <ul style="list-style-type: none">Twin alarm LEDs for 360 degree visibility• Internal algorithm processing optimises performance• 3rd party approved• Up to 10 year battery life• Utilises standard low-cost lithium battery technology• Bi-directional wireless communication• Compatible with all Euro-fi translators and expanders• Multiple sensitivity settings• 5 year product warranty• Device identification tab	EUW-TA-05
		<p>WIRELESS INTRINSICALLY SAFE HEAT DETECTOR</p> <p>The EUW-TA-IS-01 Intrinsically Safe Wireless Optical Heat Detector is a fully intelligent device which is compatible with all of the Euro-fi Wireless Translator and Expander Modules and has been approved for use in Category 1, 2 or 3 hazardous atmospheres. Its fully wireless capability means it requires no special wiring or barriers making installation quick, safe and cost effective. The Euro-fi range of wireless detectors are third party approved to ENS4 and utilize the latest cutting edge technologies and features. The well proven adaptive radio signal processing algorithms combined with the latest</p>	EUW-TA-IS-01





		<p>detector design ensure the highest levels of life safety and system reliability.</p> <p>Key Features ATEX & IECEX type approved</p> <ul style="list-style-type: none">• Classification: Ex ia IIC T5 Ga (-20°C ≤ Ta ≤ +55°C)• Bi-directional wireless communication• Certified to EN54• Up to 3 year battery life• 5 year product warranty• Uses standard low-cost lithium battery• Quick and safe installation	
		<p>WIRELESS MULTI-CRITERIA DETECTOR</p> <p>The EUW-MA-05 is the latest in wireless multi-criteria detector technology. It is a fully intelligent device and compatible with all Euro-fi wireless Translator and Expander modules. The detector is designed for open area protection and combines both dual-path smoke and heat detection technologies for improved performance, whilst maintaining the high levels of unwanted alarm rejection. Utilising well proven adaptive radio signal processing algorithms ensures that the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.</p> <p>Key Features</p> <ul style="list-style-type: none">• Advanced dual-path optical chamber designStandards & Approvals• Internal algorithm processing optimises performance• 3rd party approved• Up to 10 year battery life• Utilises standard low-cost lithium battery technology• Multiple smoke and heat sensitivity settings• Bi-directional wireless communications• Compatible with all Euro-fi translator and expanders• Complies with the latest multi-sensor standard EN54-29• 5 year product warranty	<p>EUW-MA-05</p>



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		<p>WIRELESS DUAL OPTICAL SMOKE DETECTOR</p> <p>The EUW-PA-05 wireless dual optical smoke detector is the latest in wireless smoke detector technology. It is a fully intelligent device and compatible with all Euro-fi wireless Translator and Expander modules. The detector is designed for open area protection and utilises dual-path optical smoke detection technologies and algorithms for improved performance, whilst maintaining the high levels of unwanted alarm rejection. Utilising well-proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability are achieved. An in-built magnet test allows easy activation to verify correct functionality and response.</p> <p>Key Features</p> <ul style="list-style-type: none"> • Advanced dual-path optical chamber design • Internal algorithm processing optimises performance • 3rd party approved • Up to 10 year battery life • Utilises standard low-cost lithium battery technology • Bi-directional wireless communications • Compatible with all Euro-fi translator and expanders • Colour options available • 5 year product warranty • Fast test feature for engineer 	<p>EUW-PA-05</p>
		<p>WIRELESS INTRINSICALLY SAFE OPTICAL SMOKE DETECTOR</p> <p>The EUW-PA-IS-01 Intrinsically Safe Wireless Optical Smoke Detector is a fully intelligent device which is compatible with all of the Euro-fi Wireless Translator and Expander Modules and has been approved for use in Category 1, 2 or 3 hazardous atmospheres. Its fully wireless capability means it requires no special wiring or barriers making installation quick, safe and cost effective. The Euro-fi range of wireless detectors are third party approved to ENS4 and utilise the latest cutting edge technologies and features. The well proven adaptive radio signal processing algorithms combined with the latest optical detection chamber design ensure the highest levels of life safety and system</p>	<p>EUW-PA-IS-01</p>




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		<p>reliability.</p> <p>Key Features</p> <ul style="list-style-type: none"> • ATEX & IECEx type approved • Classification: Ex ia op is IIC T5 Ga (-20°C ≤ Ta ≤ +55°C) • Bi-directional wireless communication • Certified to EN54 • Up to 3 year battery life • 5 year product warranty • Uses standard low-cost lithium battery • Quick and safe installation 	
		<p>WIRELESS TRANSLATOR MODULE (STATIC)</p> <p>The EUW-W2W-01 Translator Module is one of the core components of the Euro-fi intelligent hybrid fire detection and alarm system. When connected on to a compatible loop, the unit is capable of linking up to 32 fully intelligent wireless field devices with the fire alarm system. The translator allows fully intelligent and seamless integration of the wireless devices alongside standard wired devices or can be used independently to form completely wireless systems.</p> <p>Using well-proven wireless technology and a patented orthogonal antenna design ensures the highest levels of life safety and system reliability.</p> <p>Key Features</p> <ul style="list-style-type: none"> • Loop powered • Proven wireless technology • 3rd party approval to EN54-17, EN54-18 and EN54-25 • Bi-directional wireless communication • 5 year product warranty • IP protection for challenging environments • Compatible with up to 7 expander modules • Low current consumption • Supports full device intelligence • Site programmable 	<p>EUW-W2W-01</p>

	<p>WIRELESS TRANSLATOR MODULE (DYNAMIC)</p> <p>The EUW-W2W-E-01 Enhanced Translator Module is one of the core components of the Euro-fi intelligent hybrid fire detection and alarm system. When connected on to a compatible loop the unit is capable of linking up to 127 fully intelligent wireless field devices with the fire alarm system. The translator allows fully intelligent and seamless integration of the wireless devices alongside standard wired devices or can be used independently to form completely wireless systems. In the event of communication disruption, system redundancy is achieved by the use of well-proven multi path dynamic communications between translators and expanders, ensuring the highest levels of life safety and reliability are maintained.</p> <p>Key Features</p> <p>Loop powered</p> <ul style="list-style-type: none">• Dual path communication with expanders• 3rd party approval to EN54-17, EN54-18 and EN54-25• Bi-directional wireless communication• 5 year product warranty• IP protection for challenging environments• Compatible with up to 15 expander modules• Low current consumption• Supports full device intelligence• Site programmable	<p>EUW-W2W-E-01</p>
	<p>WIRELESS EXPANDER MODULE</p> <p>The Euro-fi EUW-EM-01 Expander Module is compatible with all Euro-fi Wireless intelligent Translators and the Euro-fi Conventional Expander. The unit provides a convenient method to increase radio communication range beyond that possible from a single translator by relaying the radio communication to further expanders or directly to the wireless field devices. This functionality makes it possible to build large fully wireless systems or add wireless devices into areas where cabling for translators is difficult or impossible. All expanders are fully monitored ensuring the highest levels of life safety and reliability are maintained. When used with a dynamic translator multi path dynamic communications between translators and expanders is available.</p>	<p>EUW-EM-01</p>



		<p>Key Features</p> <ul style="list-style-type: none">• Compatible with dynamic, static and conventional translators• 3rd party approval to EN54-18 and EN54-25• Bi-directional wireless communication• 5 year product warranty• IP protection for mounting in challenging environments• Low current consumption• Supports full device intelligence• Capability for 32 wireless field devices per expander• Proven wireless technology	
		<p>WIRELESS CONVENTIONAL INTERFACE MODULE</p> <p>The Euro-fi EUW-CEM-02 Conventional Expander Module has been designed to allow the integration of wireless detection and alarm type field devices into almost any type of system. Regardless of whether the system is intelligent or conventional the unit can be simply connected to a conventional zone, sounder circuit or both, directly or via loop modules. The wireless field devices connect to the system as non-addressable devices, however still utilise the same well-proven wireless technology as Euro-Fi intelligent wireless devices and are fully monitored for alarm and fault, ensuring the highest levels of life safety and reliability are maintained.</p> <p>Key Features</p> <ul style="list-style-type: none">• 3rd party approval to EN54-25 and EN54-18• Bi-directional wireless communication• 5 year product warranty• IP protection for mounting in challenging environments• Low current consumption• Devices are fully monitored for alarm and fault• Compatible with up to 7 expander modules• Proven wireless technology• Compatible with most system types• Site programmable	<p>EUW-CEM-02</p>



WIRELESS SOUNDER BASE VISUAL INDICATOR

The EUW-BSB-05 Wireless Sounder Base with Visual Indicator unit is an aesthetically pleasing and cost effective alternative to traditional wall mounted units where visual impact is important. Each unit has an integral moulded base for mounting a Euro-fi wireless detector or a sounder cover if a detector is not required. The unit has as standard 32 recognised sounder tones and 3 levels of volume adjustment, all of which can be easily configured on site.

Additional to the audible warning the unit is also fitted with a LED visual indicator for added warning capability.

Utilising well-proven adaptive radio signal processing algorithms ensures the highest levels of life safety and reliability.

Key Features

- 3rd party approval to EN54-25 and EN54-03
- Bi-directional wireless communication
- 5 year product warranty
- Utilises dual low-cost standard lithium batteries
- Choice of 32 recognised tones
- Compatible with all Euro-fi trnaslators and expanders
- Additional LED visual indicator
- Red and white cover options
- 3 volume levels
- 3 year expected battery life

EUW-BSB-05



WIRELESS BASE SOUNDER

The EUW-BS-05 Wireless Sounder Base unit is an aesthetically pleasing and cost effective alternative to traditional wall mounted sounder units where visual impact is important. Each unit has an integral moulded base for mounting a Euro-fi wireless detector or a sounder cover if a detector is not required. The unit has as standard 32 recognised sounder tones and 3 levels of volume adjustment, all of which can be easily configured on site.


Powered by standard lithium batteries and utilising well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and reliability.

EUW-BS-05



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		<p>Key Features</p> <ul style="list-style-type: none">• 3rd party approval to EN54-25 and EN54-03• Bi-directional wireless communication• 5 year product warranty• Utilises dual low-cost standard lithium batteries• Choice of 32 recognised tones• Compatible with all Euro-fi translators and expanders• Integral detector base• Red and white cover options• 3 volume levels• 3 year expected battery life	
		<p>DYNAMIC WIRELESS REMOTE INDICATOR</p> <p>The EUW-RI-D-02 Wireless Remote Indicator is a low profile unit with a large red LED panel, which can be used to indicate a variety of events or alarms on the fire system. When used with the Euro-fi EUW-W2W-E-01 translator module the unit is fully programmable through the control equipment cause and effect. The device is ideal for indicating the activation of a detector which is located where visual alarm confirmation is difficult, such as a lift shaft, ceiling void or locked room. Indication of the operation of other part of the fire system is also possible. Powered by standard lithium batteries and utilising well proven adaptive radio signal processing algorithms ensures the highest levels of life safety and reliability.</p> <p>Key Features</p> <ul style="list-style-type: none">• Pleasing low-profile design• 3rd party approval to ETSI 300-220• Bi-directional wireless communication• 5 year product warranty• Utilises dual low-cost standard lithium batteries• Bright indicator panel (red)• Compatible with static Euro-fi translators and expanders• 5 year expected battery life• Site programmable	<p>EUW-RI-D-02</p>



STATIC WIRELESS REMOTE INDICATOR

The EUW-RI-02 Wireless Remote Indicator is a low profile unit with a large red LED panel, which can be used to indicate a variety of events or alarms on the fire system. When used with the Euro-fi EUW-W2W-01 translator module the unit is fully programmable through the control equipment cause and effect. The device is ideal for indicating the activation of a detector which is located where visual alarm confirmation is difficult, such as a lift shaft, ceiling void or locked room. Indication of the operation of other part of the fire system is also possible. Powered by standard lithium batteries and utilising well proven adaptive radio signal processing algorithms ensures the highest levels of life safety and reliability.

Key Features

- Pleasing low-profile design
- 3rd party approval to ETSI 300-220
- Bi-directional wireless communication
- 5 year product warranty
- Utilises dual low-cost standard lithium batteries
- Bright indicator panel (red)
- Compatible with static Euro-fi translators and expanders
- 5 year expected battery life
- Site programmable

EUW-RI-02



WIRELESS MANUAL CALL POINT


The EUW-CP-01 Manual Call Point (MCP) is a fully intelligent device which is compatible with all Euro-Fi Translator and Expander Modules.

The unit has a resettable plastic element, which displays a drop down warning flag when operated. A key is supplied with the MCP for reset and case opening. The unit can be fitted with an optional transparent cover for protection against accidental operation or with a weatherproof enclosure for use outdoors or in hostile environments.

Key Features

- Bi-directional wireless communication
- 3rd party approval to EN54-11 & EN54-25
- Resettable element
- Self-optimising wireless frequency and amplitude algorithms

EUW-CP-01

		<ul style="list-style-type: none">• Utilises standard low-cost lithium battery technology• 5 year expected battery life• 5 year product warranty• High reliability	
		<p>WEATHERPROOF CALL POINT HOUSING (CLEAR)</p> <p>The Euro-Fi Weatherproof Call Point Housing is a tough protective cover that can be installed with all of the wireless or wired call points from the Euro-Fi product range. The hinge-fronted clear polycarbonate housing upgrades any Euro-Fi call point to a weather-proof rated device, and has been designed and engineered to provide outstanding protection from environmental conditions, vandalism, accidental damage or misuse. This tough yet aesthetically pleasing cover can be used in a wide variety of applications including off-shore projects, the food and beverage industry, swimming pools and leisure centres, and underground installations. It is also suitable for retrofits and is available with an optional battery powered 90dB tamper alarm.</p> <p>Key Features</p> <p>Easy & fast installation</p> <ul style="list-style-type: none">• Aesthetically pleasing• Optional 90dB tamper alarm• Breakseal to increase visible deterrent from misuse• Spacers for surface and flush installations• Reduces unwanted alarms• Provides environmental & mechanical protection• Simple retro fit to existing installations• Suitable for all Euro-fi call points	<p>EU-WCPH-C-01</p>

	<p>WEATHERPROOF CALL POINT HOUSING (RED)</p> <p>The Euro-Fi Weatherproof Call Point Housing is a tough protective cover that can be installed with all of the wireless or wired call points from the Euro-Fi product range. The hinge-fronted clear polycarbonate housing upgrades any Euro-Fi call point to a weather-proof rated device, and has been designed and engineered to provide outstanding protection from environmental conditions, vandalism, accidental damage or misuse. This tough yet aesthetically pleasing cover can be used in a wide variety of applications including off-shore projects, the food and beverage industry, swimming pools and leisure centres, and underground installations. It is also suitable for retrofits and is available with an optional battery powered 90dB tamper alarm.</p> <p>Key Features</p> <ul style="list-style-type: none"> • Easy & fast installation • Aesthetically pleasing • Optional 90dB tamper alarm • Breakseal to increase visible deterrent from misuse • Spacers for surface and flush installations • Reduces unwanted alarms • Provides environmental & mechanical protection • Simple retro fit to existing installations • Suitable for all Euro-fi call points 	<p>EU-WCPH-R-01</p>
	<p>Key features</p> <ul style="list-style-type: none"> • Bi-directional wireless communication • Self optimising wireless amplitude and frequency • Automatic wireless channel hopping • Fully intelligent • High reliability and sensitivity • Flexible on site device adjustment • Makes additions to existing wired systems easy and cost effective • Utilises standard low cost lithium battery technology • Fully monitored primary and secondary power sources • Weatherproof and colour variants available 	<p>EUW-WSR-01 Wireless Wall Sounder (Red)</p> <p>EUW-WSW-01 Wireless Wall Sounder (White)</p> <p>EUW-SBR-01 Wireless Sounder Beacon (Red)</p> <p>EUW-SBW-01 Wireless Sounder Beacon (white)</p>



WIRELESS SINGLE CHANNEL BATTERY POWERED OUTPUT MODULE

The Euro-fi EUW-BOM-03 Output Module has been designed to allow easy control of a variety of third party equipment including access control doors, ventilation plant and fire extinguishing systems. The unit is powered entirely from its internal battery supply and is fitted as standard with both a set of change over relay contacts and a 24V de output. The 24V output is capable of supplying power for operating low current third party equipment directly from the internal batteries.

Key Features

- 3rd party approval to EN54-18 and EN54-25
- 5 year product warranty
- Compatible with all Euro-fi wireless translators and expanders
- 3 year expected battery life
- Self-optimising wireless frequency and amplitude algorithms
- Fully intelligent
- Change over relay and 24V output functionality
- On-site programmable 12V/24V output

EUW-BOM-03



WIRELESS SINGLE CHANNEL INPUT MODULE


The Euro-fi EUW-IM-03 Wireless Module has been designed to provide a convenient and cost effective solution for monitoring third party equipment.

The unit has a single fully monitored input circuit which allows simple integration of third party equipment with the fire system. The unit is fully compatible with all Euro-fi Translator and Expander modules and the well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and system reliability.

Key Features

- 3rd party approval to EN54-25 & EN54-18
- 5 year product warranty
- 3 year expected battery life
- Self optimising wireless frequency and amplitude algorithms
- Bi-directional wireless communication
- Fully intelligent
- Input circuits are fully monitored for alarm and fault conditions

EUW-IM-03

		<ul style="list-style-type: none">• Utilises dual low-cost lithium battery	
		<p>WIRELESS SOUNDER INTERFACE MODULE The EUW-SIM-01 Wireless Sounder Interface Module is designed for use with the Euro-fi range of modular wall sounders and sounder beacons. When either the conventional sounder or sounder beacon are fitted with this module they become fully compatible with all Euro-fi wireless translators and expander modules. When configured onto a compatible translator, the wireless sounder or sounder beacon are fully addressable and benefit from an extensive range of intelligent control, test and monitoring functionality. The well proven adaptive radio signal processing algorithms ensure the highest levels of life safety and reliability.</p> <p>Key Features</p> <ul style="list-style-type: none">• Flexible modular design• 5 year product warranty• 3rd party approval to EN-54-18 and EN54-25• 3 year expected battery life• Bi-directional wireless communication• Fits Euro-fi modular wall sounders and sounder beacons• Microphone self-test facility• Utilises standard low-cost lithium battery technology• Self-optimising wireless communication	<p>EUW-SIM-01</p>