

ID60 Series

Single Loop Intelligent Fire Alarm Panels

990-073

GENERAL

The NOTIFIER ID60 Single Loop intelligent fire alarm panel, has been developed for both installers and end users with efficiency in mind, offering a technically advanced range of facilities and functions whilst remaining easy to install, program and operate. The ID60 panel is built and tested with the most sophisticated equipment available to ensure the highest quality and excellent reliability.



The ID60 supports NOTIFIER's unique Very Intelligent Early Warning (VIEW™) technology. Combined with the patented AWACS™ (Advance Warning Addressable Combustion Sensing) and DIG (Dynamic Intelligent Grouping) algorithms, the ID60 provides the most cost-effective, stable and reliable early warning system without the need to use costly aspirating detection sub systems. The ID60 Single Loop Intelligent Fire Alarm Panel meets EN54 parts 2 & 4. The ID61 & ID62 can be upgraded to 2 loops without the need to change the back box.

Intelligent Features

- ✓ EN54 parts 2 and 4 compliant
- ✓ One loop capacity (99 sensors and 99 modules)
- ✓ 16 fire zones, 16 non fire zones
- ✓ Supports advanced detection such as
 - VIEWTM
 - OptiPlex
 - HARSHTM
 - HAZARDTM
- ✓ 64 CBE rules
- ✓ Filter by device type
- ✓ Printer option
- ✓ 72 hours backup option
- ✓ Extinguishing controls
- ✓ Adjustable sensor sensitivity
- ✓ Automatic High Test
- ✓ Day/Night mode facility
- ✓ Class Change
- ✓ Active and passive repeaters
- ✓ Programmable from the panel keypad or PC
- ✓ Two on board sounder circuits
- ✓ Two on board configurable outputs
- ✓ "Autolearn" facility.
- ✓ Unconfigured device detection.
- ✓ One man "Walk Test " by zone.
- ✓ 512 event Historic Log.
- ✓ Duplicate address fault monitoring.
- ✓ Coincidence function.
- ✓ Loop powered sounder support.
- ✓ Non-latching "Plant Alarm" function.
- ✓ Pulsing sounders support.
- ✓ Output delay functions.
- ✓ Remote "Reset" function.
- ✓ 3 second response to manual call point activation.
- ✓ Alarm verification algorithm.
- ✓ Internal diagnostics program.
- ✓ Fully on-site configurable.
- ✓ Windows™ off-line configuration tool.
- ✓ Loop and Battery calculator.
- ✓ 20 characters of configurable zone text.
- ✓ 20 characters of configurable device location text.
- ✓ Built-in language variants.

WFP Fire and Security

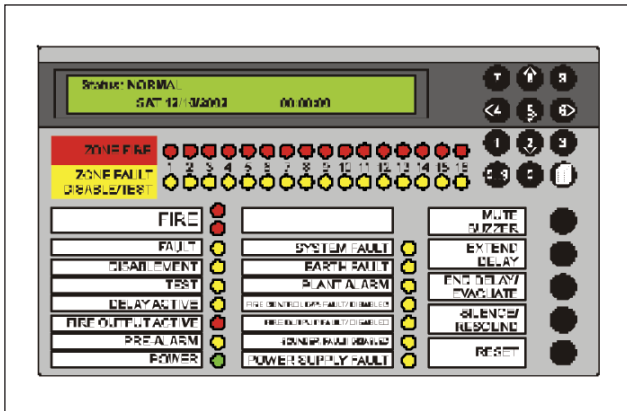
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Tel: 0845 481 0307 • Fax: 0845 481 0309 • Online: www.w-fp.co.uk

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User Interface

- ✓ 16 zone indications of fire and fault, disablement/test
- ✓ 2 Lines of 40 characters each on a backlit LCD
- ✓ Real time clock for time-stamping of events
- ✓ 11 configurable pass codes for access restriction
- ✓ Numeric and Navigation keys
- ✓ Plant Alarm (Non-Fire) LED indication



Housing

- ✓ Two part, mild steel cabinet
- ✓ Plastic moulded insert
- ✓ Customer ID label indent

Passive Repeater

- ✓ A compact mild steel housing incorporates all electronics for the fully monitored and addressable repeater unit
- ✓ A 2 x 40 character LCD indicates all information
- ✓ Incorporated status LED's for FIRE, FAULT, DISABLEMENT, POWER, PRE-ALARM, TEST, DELAY ACTIVE, SYSTEM FAULT and COMMUNICATIONS LOSS
- ✓ Any combination of up to 16 Passive/Active repeaters may be connected to a single ID50 Series Panel which will require an RS485 Interface Module PCB to be fitted in order to communicate
- ✓ Requires a 24V DC source at 90mA max. for power
- ✓ Optional semi-flush mounting Bezel

Active Repeater

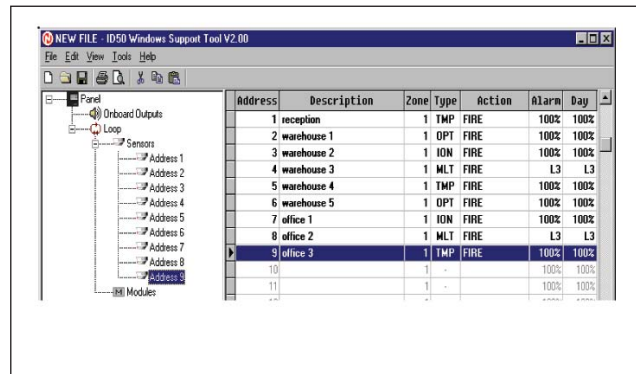
- ✓ A compact mild steel housing incorporates all electronics for fully the monitored and addressable repeater unit
- ✓ A 2 x 40 character LCD indicates all information
- ✓ Incorporated status LED's for FIRE, FAULT, DISABLEMENT, POWER, PREALARM, TEST, DELAY ACTIVE, SYSTEM FAULT and COMMUNICATIONS LOSS are included, and control push-buttons for MUTE BUZZER, END DELAY/EVACUTATE, SILENCE/RESOUND and RESET
- ✓ A keyswitch provides restricted access to control pushbuttons
- ✓ Any combination of up to 16 Passive/Active repeaters may be connected to a single ID50 Series Panel which will require an RS485 Interface Module PCB to be fitted in order to communicate
- ✓ Requires a 24V DC source at 90mA max. for power
- ✓ Optional semi-flush mounting Bezel

Windows™ Configuration Tool

- ✓ Simple to use Offline onfiguration
- ✓ Simple to use Output configuration
- ✓ Simple to use Text entry

Note...

Example of the Windows™ Of line Configuration Tool below.



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SYSTEM MODULES

The ID60 Series Panel is available with the following modules. Choose from the required modules below. Each kit is supplied with all required fixings and installation instructions

002-456 ID60 Series Panel

ID60 single loop intelligent fire alarm panel. Supports VIEW™. Complete with 16 zonal LED's, sounder circuit, 1.5A power supply and space for 12Ah batteries. Black/Grey. LPCB approved.



002-463 ID61 Series Panel

ID61 single loop intelligent fire alarm panel. Supports VIEW™. Complete with 16 zonal LED's, sounder circuit, separate 3A power supply, printer option and space for 12Ah batteries. Black/Grey. LPCB approved.



002-461 ID62 Series Panel

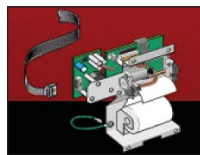
ID62 single loop intelligent fire alarm panel. Supports VIEW™. Complete with 16 zonal LED's, sounder circuit, separate 3A power supply, printer option and space for 42Ah batteries. Black/Grey. LPCB approved.



002-644-009 PRN-ID

Printer Module Kit for ID61/ID62

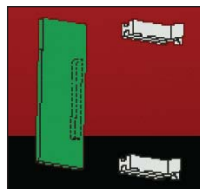
Includes thermal printer with power supply unit and roll of thermal paper.



020-553 RS485

Interface Module PCB Kit ID60

Includes the RS485 Interface Module PCB required for repeater interfacing to the ID60 Series Panel. Plugs into dedicated socket on ID60 Series Panel PCB Assembly. Includes instruction sheet and fixings.



020-479 RS485 Interface Module

PCB Kit ID61 / 62

Includes the RS485 Interface Module PCB required for repeater interfacing to the ID61 / ID62 Series Panel. Plugs into dedicated socket on ID61 and ID62 Panel PCB Assemblies. Includes instruction sheet and fixings.



002-451 IDR-2P Passive Repeater

Includes the complete passive repeater unit with all assembled electronics, Liquid Crystal Display (LCD), Fascia membrane and manual.



002-465 IDR-2P Passive Repeater, stainless steel

Includes the complete passive repeater unit with all assembled electronics, Liquid Crystal Display (LCD), Fascia membrane and manual.



002-450 IDR-2A Active Repeater

Includes the complete active repeater unit with all assembled electronics, Liquid Crystal Display (LCD), Control pushbuttons, Access control keyswitch, Fascia membrane and manual.



002-464 IDR-2A Active Repeater, stainless steel

Includes the complete active repeater unit with all assembled electronics, Liquid Crystal Display (LCD), Control pushbuttons, Access control keyswitch, Fascia membrane and manual.



020-573 Mimic Control PCA Kit

Supports up to 8 Mimic Drivers. Requires external 24Vdc power.



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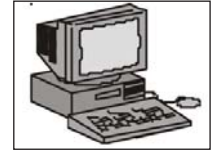
020-574 Mimic Driver & Terminal Board PCA Kit

Provides 64 LED's or Relay outputs and 8 inputs. Up to 8 Mimic Drivers can be daisy-chained. Requires Mimic Control PCA kit and external 24Vdc power.



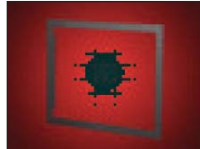
020-562 ID60 series Support Tool Kit

Including Offline Configuration software, online manual and interconnection cable assembly.



020-599-009 ID60 Semi-flush Bezel Kit

Includes semi-flush mounting bezel for ID60 Black/Grey and instruction sheet.



PANEL SPECIFICATIONS

Primary Input Power

ID60	230VAC, 50Hz, 1.0A
ID61	230VAC, 50Hz, 1.6A
ID62	230VAC, 50Hz, 1.6A

020-038-009 ID61 Flush Bezel Kit

Includes flush mounting bezel for ID61, Black/Grey and instruction sheet.



Sounder Outputs

2 Sounder outputs rated @ 30V 1A each

Sounder / Volt-free Outputs

2 Sounder / Volt-free outputs rated @ 30V 1A

020-039-009 ID62 Semi-flush Bezel Kit

Includes flush mounting bezel for ID62, Black/Grey and instruction sheet.



Note...

Default as general fire and fault relay contacts.

Open - Collector Outputs

2 configurable outputs rated together @ 60mA total output

020-600-009 Flush Bezel for IDR Repeaters

Flush mounting bezel for IDR repeaters, Black/Grey.

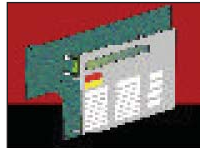


Auxiliary Output

24V Auxiliary Output rated @ 250mA

020-638-004 ID60 Replacement PCB Assembly Kit

ID60 replacement PCB kit, including LCD and membrane.



Power Supply / Battery Charger

ID60 Maximum 1.5A total output, 0.5A for battery charger, supporting 12Ah batteries to EN54.

ID61/62 Maximum 3A total output, 2.2A for battery charger, supporting 42ah batteries to EN54.

020-650-004 ID61 & ID62 Replacement PCB Assembly Kit

ID61 & ID62 Replacement PCB Assembly Kit, Including LCD and membrane.



Maximum of 1A available in alarm for sounders etc.

020-648 Replacement Power Supply

Replacement power supply (3A) for ID61/ID62.



Digital Input

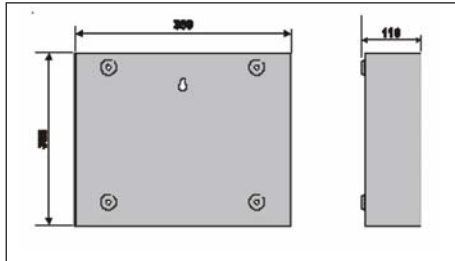
1 configurable input defaulting to Level 2 access control.

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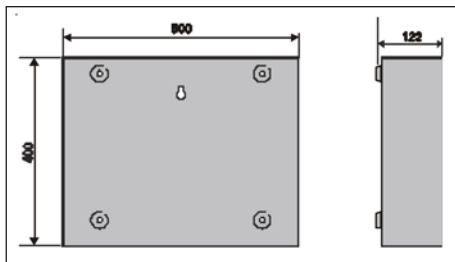
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Dimensions

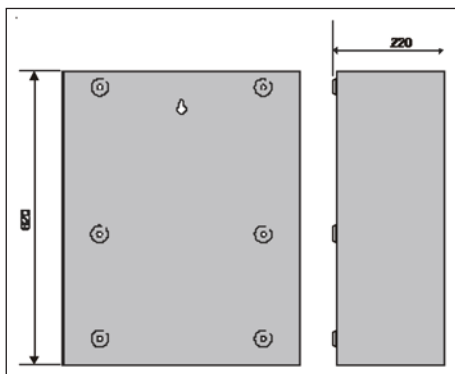
ID60



ID61



ID62



Note...

All dimensions are in Millimetres

Weight

ID60 6kg without batteries.

ID61 9.5kg without batteries.

ID62 15.5kg without batteries.

Battery Space

ID60 Maximum 2 x 12V, 12Ahv batteries.

ID61 Maximum 2 x 12V, 12Ah batteries.

ID62 Maximum 2 x 12V, 42Ah batteries.

Cable Access

ID60 16 x 20mm knockouts in top of cabinet.

ID61 25 x 20mm knockouts in top of cabinet.

ID62 25 x 20mm knockouts in top of cabinet.

Environmental Limits

Climatic Classification: 3K5, (IEC 721-2-3)

Operating Temperature: -5° C to +45° C

Humidity: 5% to 95% R.H.

Panel Sealing: IP 30, (EN 60529)

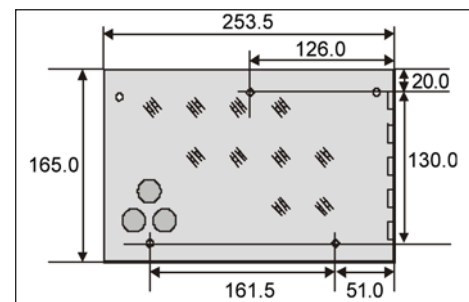
REPEATER SPECIFICATIONS

Primary Input Power: 18 - 32V DC (+10%, -15%).

Current Consumption: 90mA rated @ 24V DC.

Communications: RS485.

Dimensions



Weight

750g.

Cabling

Maximum 1200 metres communications cable with 150R terminating resistors at both ends.

Cable Access

5 x 20mm knockouts in top of cabinet.

3 x 20mm knockouts in back of cabinet.

Environmental Limits

Climatic Classification: 3K5, (IEC 721-2-3)

Operating Temperature: -5° C to +45° C

Humidity: 5% to 95% R.H.

Panel Sealing: IP 30, (EN 60529)

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CONTROLS AND INDICATORS





Led Status Indicators

- ✓ FIRE
- ✓ DISABLEMENT
- ✓ TEST
- ✓ BUZZER MUTED
- ✓ PLANT ALARM or FAULT OUTPUT FAULT / DISABLED
(Configurable)
- ✓ DELAYED MODE
- ✓ RELAY DISABLED
- ✓ POWER
- ✓ FAULT
- ✓ POWER SUPPLY FAULT
- ✓ EARTH FAULT
- ✓ SYSTEM FAULT
- ✓ SOUNDER FAULT
- ✓ SOUNDERS DISABLED
- ✓ SOUNDERS SILENCED or PREALARM (Configurable)
- ✓ Individual FIRE and FAULT / DISABLED / TEST LED's per zone

Membrane Push-button Controls

- ✓ RESET
- ✓ EXTEND DELAY
- ✓ MUTE BUZZER
- ✓ SILENCE / RESOUND
- ✓ END DELAYS / EVACUATE

Configuration and Selection Keys

- ✓ 12-Key Numeric / Navigation Keypad when used in conjunction with the Shift key.
- ✓  Navigation Arrows
- ✓  (Select) Push-button
- ✓  (Shift) Push-button for numeric functions
- ✓  (Access Code Prompt) Pushbutton

LCD Display

- ✓ Alphanumeric 80 Character (2 x 40) Backlit Display

SYSTEM CAPACITY

Intelligent Signalling Line Circuits (SLC)

- ✓ 1 Loop per panel

Number of Zones

- ✓ 16 Zones of Fire Detection per panel
- ✓ 16 Zones of Non-Fire (Plant Alarm) per panel

Intelligent Sensors

- ✓ 99 Intelligent Sensors per loop

Addressable Modules

- ✓ 99 Addressable Monitored / Control Modules per loop

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