Notifier by Honeywell:
Panel Selection Guide

NOTIFIER®
by Honeywell

Introduction

This guide has been produced to help guide you through the advanced features of the Notifier range of addressable fire alarm control panels.

At Notifier we pride ourselves in our range of capable, robust and flexible fire systems which are designed to maximise the benefits of our comprehensive range of detection technologies, AV devices and modules.

	ID60	ID2000	Pearl	ID3000
System Capacity				
Loops	1	2, 2-8	1 or 2	2, 2-8
Detection Zones	16	16/80	64/255	255
Zone LEDs	16	16/80	64	Option 64/128/256
LCD Display (lines x characters)	2x40	2x40	15x40	6x30
Devices (Max)	99+99	792+792	318+318	792+792
ELIB allows >512 devices	N/A	No	No	Yes
Loop Current	500mA	500mA	750mA	500mA
Maximum loop length (based on 1.5mm², 2 core cable)	2000m	2000m	3500m	2000m
Sounders	2 configurable as either	2	2	2
Relays		2	Fire + Fault	2
Repeater Connection	Option	Option	Built-in[1]	Option
RS232 Communication Option	1	2 RS232 or RS485	2	2 RS232 or RS485
RS485 Communication Option	1		2	
PSU	1.5A	3A (4.5A, 7A)	3A	3A (4.5A, 7A)
Aux DC Out	250mA	2 x 1A	500mA	2 x 1A
Maximum Battery	12Ah	17Ah (38Ah, 130 Ah external)	12Ah (38Ah external)	17Ah (38Ah, 130Ah external)
Printer	Option	Option	No	Option
Mechanical Specification				
First Fix bracket	No	No	Yes	No
Hinged panel door for easy access	No	No	Yes	No
Flush mount kit with first fix option	No	Yes	Yes	Yes
19" Rack Mounting option	No	Adaptor	First fix bracket	Adaptor
Configuration				
Flash firmware upgrade	Main f/w	EPROM	All (main and loop)	EPROM
Complete automatic backup	No	No	SD Card	No
Configuration Download	RS232	RS232	USB	RS232

[1] Cannot be used if network card fitted

	ID60	ID2000	Pearl	ID3000
Panel Functions				
Upload logo of choice to LCD screen	No	No	Yes	Yes
Display Maintenance Contact Details	No	No	Yes	No
Site configurable buttons (SOFT keys)	None	None	4	None
SOFT key functions	N/A	N/A	C&E	N/A
Built-in help	No	No	Yes	No
Separate Silence & Resound	No	Yes	Yes	No
Disable Sounders	Menu	Menu	Button & Menu	Menu
Disable individual sounders	Configurable	Configurable	No	Configurable
Disable Fire Protection (relays)	Menu	Menu	Button & Menu	Menu
Disable Remote Fire Output	Menu	Menu	Button & Menu	Menu
Configurable Button Access	No	No	Yes	No
Disable cause of active condition	Menu	Shortcut	Shortcut	Shortcut
Engineer Mute	No	Yes	Yes (with auto time-out)	Yes (with auto time-out)
Integration with Third Party Systems				
Third party Protocol for Integration	Yes	Yes	Yes	Yes
Third Party Protocol Virtual Outputs	No	No	Yes	Yes
Third Party Protocol Virtual Inputs	No	No	Future	No
Link to D1 Voice Alarm System	No	No	Yes	Yes
Loop Functionality				
CLIP Compatibility	Yes	Yes	Yes	Yes
Opal Compatibility	Yes	No	Yes	Yes
Opal sounder tone/volume	8 Tones	No	8 Tones	8 Tones
Sounder synchronisation	No	Yes (by panel)	Yes (across network)	Yes (across network)
Different tone for class change	No	No	Yes	Yes
Opal Sub-Addressing	No	No	Yes	No
Multi-Modules take only 1 address	No	No	Yes	No
Full Compatibility with loop based FAAST LT	No	No	Yes	No
VIEW & SMART support	Yes	Basic	Yes	Yes
Smoke testing of SMART	No	No	Yes	CLIP only
Individual response to SMART thermal alarm	Yes	Yes	Yes	Yes
Individual response to SMART criteria	No	No	Yes	No

	ID60	ID2000	Pearl	ID3000
Networking				
Network	None	RS485 Master-Slave (upto 8 panels)	ID²net (upto 16 panels)	ID²net (upto 63 panels) or RS485 Master-Slave (upto 8 panels)
Fibre Optic Network adapter	N/A	No	External (Future)	Yes
Zones shared across network panels	N/A	No	Yes	No
Local Zones on Network	N/A	Yes	Yes (max. 1024 zone LEDs per network)	Yes
Network Zones	N/A	No	4080 per-network (64 zone LEDs available)	8192 per-network
Network Sectoring	N/A	Event distribution	Display & Control Filtering	Yes
Cause & Effect				
Cause and Effect lines	64	512	512	512
Cause & Effect inputs – loop device	Fire, Pre-Alarm, Fault, Disable, Non-fire activation	Fire, Pre-Alarm, Fault, Disable, Non-fire activation	Fire, Pre-Alarm, Fault, Non-fire activation	Fire, Pre-Alarm, Fault, Disable, Non-fire activation
Cause & Effect inputs – zone	Fire, Pre-Alarm, Fault, Disable, Non-fire activation	Fire, Pre-Alarm, Fault, Disable, Non-fire activation	Fire, Pre-Alarm, Fault, Disable, Non-fire activation Gas Alarms & Technical Alarm	Fire, Pre-Alarm, Fault, Disable, Non-fire activation
Cause & Effect outputs – device	Activate Output, Disable	Activate Output, Disable	Activate Output, Disable	Activate Output, Disable
Cause and Effect outputs – zone	Activate Output, Disable	Activate Output, Disable	Activate Output, Disable	Activate Output, Disable
Cause and Effect Coincidence	Yes	Yes	Yes	Yes
Cause and Effect - Transfer flags	No	128	128	128
Boolean operations on transfer flags	No	No	AND, AND NOT, OR	AND, AND NOT, OR
Event Log	512 events	600 events	>100,000 events	600 events
Device Coincidence	Yes	No	Yes	Yes
Zone Coincidence	Yes	No	Yes	Yes
Type B coincidence by device type	No	No	Separate count for SMART thermal alarms	Single confirmation count
Auto-Reset of Type B First Fire	No	No	Yes	No
Type B confirmation by same device	No	No	Configurable	No
Cells Supported	No	175	255	255
Auto-Learn modules/sensors separately	No	Yes	Yes	Yes
Remote LED activated by C&E	Opal	No	Opal	Opal
System Codes and Security				
Back Door Passcode	Code cracker	Code cracker	Temporary code	Code cracker
ESD code secret if overridden	No	No	Yes	No

Safety, Integrity and Heritage

Notifier by Honeywell is the world's largest manufacturer and supplier of engineered fire alarm systems. With over 400 Engineered Systems Distributors worldwide, and regional support on every continent, we have the flexibility to meet our customers' requirements.

With over 60 years of experience, we offer unrivalled specialist knowledge and products designed to meet all needs. Notifier offers a comprehensive line of quality fire detection and alarm control solutions. These include everything from smoke detection and notification, non-addressable fire alarm panels, analogue addressable systems, to advanced network and integration packages.

As a leader in the fire safety market, Notifier is dedicated to the highest standards of service and product quality. Our operations are accredited to ISO 9001 and our products are designed and manufactured to meet every major international approval, including LPCB, VdS, UL, ULC and BOSEC/ANPI.

Notifier is a division of Honeywell International, a diversified technology and manufacturing leader, serving customers worldwide. By partnering with Notifier, you have the reassurance of working with a company of global standing that provides cutting edge fire detection systems.

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