

GARDINER TECHNOLOGY

PROTECT YOUR
PROPERTY WITH
TECHNOLOGY



NEW Novagard 20
cover

the novagard
two range
of external sounders

The Novagard 2 Range of External Sounders provides exceptional reliability and advanced performance in any type of installation and in any environment.

The advanced features and high quality components have seen it used and proven in untold numbers of installations throughout the world.



FEATURES

Attractive low profile high quality polycarbonate housing

Choice of cover designs

Anti-foam protection through cover design

Full range of sounder options

Choice of cover / strobe lens colour combinations

Choice of NiMH Battery back-up size

Encapsulated electronics module to prevent moisture ingress and ensure continued operation

3 watt strobe tube for longer life and high visibility

Low current strobe requires less power to operate

Twin alternating LEDs visible through strobe lens

18 minute cut-off timer to comply with environmental legislation

Front and rear tamper as standard to prevent attack on the sounder

Compatible with all makes of control panels

Full range of accessories available

Meets the requirements of BS 4737

NiMH Battery monitor to prevent sounder failure

Audible setting confirmation notifies you that the system has successfully set

High security metal backplate option available

Twin piezo version available (2GD)

The Novagard 2 range has the proven performance that competitors can only aspire to, yet more recent upgrades have seen this become the ultimate solution - no matter where!

A comprehensive range of features, advanced manufacturing techniques and superb component quality combine perfectly in the Novagard 2 range.

The range provides advanced functionality including ear piercing sound outputs, twin alternating LEDs, an encapsulated electronics module that provides additional protection from environmental attack, front and rear tamper protection from physical attack and a 3 watt strobe for a higher power visual flash. There are also a number of new and often unique features. These include a NiMH battery monitor that notifies the user if the on board battery requires changing to guarantee operation and additionally provides an audible blip to confirm that the system has been successfully set, giving you peace of mind when you leave the premises.

APPLICATION

The comprehensive features and sounder options mean that the Novagard 2 is suitable for all types of installation and premises, from the small domestic to large commercial sites. There is also a metal version available for those high security installations.

The highest quality components and materials together with the encapsulated electronics module ensure that the units can easily withstand any degree of environmental conditions.

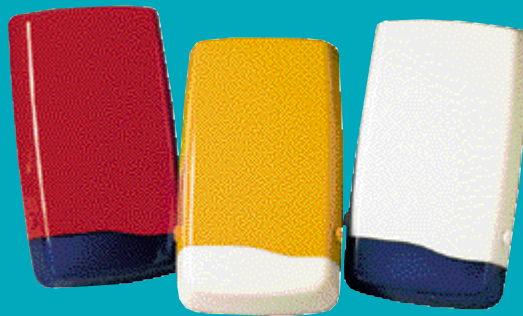
AESTHETICS

The low profile cover is manufactured from the highest quality polycarbonate to enable long life expectancy. There is also a choice of cover and lens colours and the latest introduction has been a completely new cover design option to increase the flexibility of this industry leading range.

The low profile cover has been designed to blend in with the exterior of the premises, yet when set twin LEDs visually flash to notify potential intruders that the premises are protected.



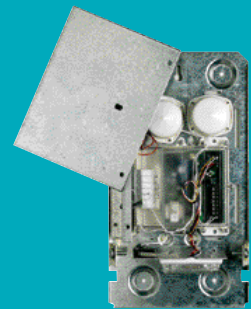
Novagard 2 Cover



Novagard 20 Covers



Novagard 2G



Novagard 2 Metal

the novagard
two range
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YOUR PROFESSIONAL INSTALLER IS:

ADVANCED SURFACE MOUNT PRODUCTION TECHNOLOGY ENABLES ADVANCED FUNCTIONALITY, RELIABILITY AND QUALITY AND ALLOWS FOR SUPERIOR ATTRACTIVE DESIGN.

Specifications

Specification	1E	2G	2GD	2 Merit	2 Active	2 Metal	4G	4GD	4Q	4 Merit	4 Active	4 Metal
Input Voltage (min)	10	10	10	10	10	10	10	10	10	10	10	10
Input Voltage (max)	16	16	16	16	16	16	16	16	16	16	16	16
Quiescent current (typical mA) @ 12v	50	50	50	50	35	50	50	50	50	340	400	450
Sounder Current (mA) @ 12v	370	340	450	340	400	450	340	450		340	400	450
Sounder Output @ 1m (dBA)	113	113	116	109	113	113	113	116	123	109	113	113
Type of Sounder	Piezo	Piezo	Twin Piezo	Piezo	Piezo	Twin Piezo	Piezo	Twin Piezo	Quad Piezo	Piezo	Piezo	Twin Piezo
Fixed 15 mins cut off time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Strobe Current (mA) @12v	100	100	100	100	120	100	100	100	125	100	120	100
Strobe Wattage (Amp)	1	3	3	1	3	1	3	3	3	1	3	1
Nicad Capacity (mA hr)	280	280	280	280	280	280	280	280	N/A	280	280	280
Polycarbonate backplate	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓
Metal backplate						✓						✓
Dimensions (mm) - Height	340	340	340	340	340	340	406	406	406	406	406	406
Dimensions (mm) - Width	190	190	190	190	190	190	210	210	210	210	210	210
Dimensions (mm) - Depth	65	65	65	65	65	65	90	90	90	90	90	90
PCB Type - Open												
PCB Type - Enclosed	✓						✓	✓	✓	✓	✓	✓
PCB Type - Sealed		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LED Visual Indication - Single	✓											
LED Visual Indication - Twin		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Delta Single	Delta Twin	Delta E	Delta Merit	Delta Active	XS7	XS7+					
Input Voltage (min)	10	10	10	10	10	10	10					
Input Voltage (max)	16	16	16	16	16	16	16					
Quiescent current (typical mA) @ 12v	50	50	50	50	35	50	50					
Sounder Current (mA) @ 12v	350	450	370	340	400	370	490					
Sounder Output @ 1m (dBA)	108	112	108	109	113	111	113					
Type of Sounder	Piezo	Twin Piezo	Piezo	Piezo	Piezo	Piezo	Twin Piezo					
Fixed 15 mins cut off time	✓	✓	✓	✓	✓	✓	✓					
Strobe Current (mA) @ 12v	100	100	100	100	120	100	100					
Strobe Wattage (Amp)	3	3	1	1	3	1	1					
Nicad Capacity (mA hr)	280	280	280	280	280	280	280					
Polycarbonate backplate						✓	✓					
Metal backplate	✓	✓	✓	✓	✓							
Dimensions (mm) - Height	306	306	306	306	306	315	315					
Dimensions (mm) - Width	352	352	352	352	352	215	215					
Dimensions (mm) - Depth	98	98	98	98	98	65	65					
PCB Type - Open			✓									
PCB Type - Enclosed						✓	✓					
PCB Type - Sealed	✓	✓		✓	✓							
LED Visual Indication - Single	✓	✓	✓	✓	✓							
LED Visual Indication - Twin						✓	✓					

*Dependent on cover

COVER AND LENS OPTIONS	Nova 2	Nova 20	Nova 4	Nova 40	Delta		Delta E			Nova 1	XS7	XS7+
					Single Strobe	Twin Strobe	Single Lens	Twin Lens				
White / Opal	22401	22100	22474	22671	22703	22715	22767	22762	White Cover	22518	EW010W	EW010W
White / Blue	22404	22101	22477	22672	22702	22714	22752	22754	Red Cover	22519	EW010R	EW010R
White / Red	22551	22103	22550	22673	22704	22716	22755	22756	Yellow Cover	22520	EW010Y	EW010Y
White / Amber			22473						Opal Lens	22521		
Red / Opal	22402	22108	22475	22674	22706	22718	22751	22753	Blue Lens	22522		
Red / Blue	22405	22109	22478	22675	22705	22717	22832	22839	Red Lens	22553		
Red / Red					22707	22719	22760	22757	Blue B/plate		EW007B	EW008B
Yellow / Opal	22403	22104	22476	22676	22709	22721	22761	22835	Opal B/plate		EW007O	EW008O
Yellow / Blue	22406	22105	22479	22677	22708	22720	22766	22765	Red B/plate		EW007R	EW008R
Yellow / Red	22597		22603		22710	22722	22758	22759				
Blue / Opal		22106	22549		22712	22724	22768	22842				
Blue / Blue		22107	22585		22711	22723	22769	22843				
Blue / Red					22713	22725	22838	22844				