Galaxy® Flex

Flexible control panel range for small to medium sized security installations

Honeywell's Galaxy® Flex control panel series is a fully integrated intruder and door control security solution that brings a new level of ease and flexibility to small to medium sized, Grade 2 security systems. Galaxy Flex's three feature rich panel options are based on a modular design that allows full customisation to meet specific needs.

Galaxy Flex 20 is feature packed for small systems up to 20 zones, Flex 50 delivers high flexibility for small to mid size systems where ease of install and functionality are important and Flex 100 offers a highly competitive system for a greater number of zones and functionality.

Based on the tried and trusted Galaxy® technology, Flex is scalable and compatible with the Galaxy Dimension control panel range so that installers have a single, familiar range of panels to meet the needs of the smallest to the largest security installations. Plus with a common range of peripherals both training and stock are minimised.

All in one box
To meet the ever increasing demands on resources, installers need look no further than Galaxy Flex to optimise installation and programming time and costs. Galaxy Flex's installer-friendly, robust housing design reduces installation and cabling time and costs by accommodating wireless and communications modules inside the tailor-made housing with additional options for expansion and other modules.

Efficient Installation
Its 'plug and play' feature makes the panel easy to install for any installer as remote peripherals are detected automatically once the panel is installed and powered up. Connections are clear and unambiguous, reducing training requirements. Bus wiring, using standard cable offers flexibility for retrofitting and reuse of existing cabling. Offering total flexibility, installers can now select their preferred power connection from three options depending on preference and installation type.

Easy programming
For installers new to Galaxy, programming couldn't be simpler using Galaxy Flex's quick start guide and intuitive menu based programming. Alternatively, programming via PC can be completed in minutes using its intuitive Windows programming interface by either connecting a standard mini-USB cable directly to the panel or remotely via Ethernet, GPRS or phone line.

Extended control
An optional trigger module allows the Flex panel to easily activate and control third party devices such as communicators, CCTV, lighting and access control systems without the need for an additional controller.

Remote management
Galaxy Flex can be monitored from a central location using Galaxy's Remote Servicing Suite (RSS) software. Using this software, installers can provide customers with instant support as well as saving time and money in unnecessary site visits. Whether it is a routine inspection, scheduled maintenance or even simply checking system status, it can be done remotely from a fixed or mobile location.

No limits wireless
Take the wireless route when aesthetics are important or cabling is impractical or too expensive. Galaxy Flex offers the flexibility of wired and wireless in one system without compromising the reliability of the system thanks to Honeywell's proven bi-directional radio and agile routing technologies.

Flexible communication options
Multiple path communications options for alarm signalling include GSM/GPRS, Ethernet and standard telephone line for maximum flexibility and customisation to ensure reliable signalling in any situation.

Audio verification (Listen-in)
False alarms are reduced and reliability increased because the Alarm Receiving Centre (ARC) can listen in to an alarm location to verify alarm source and cause on a site.

Attractive user interfaces
A range of attractive user interfaces, including the Galaxy TouchCenter, make end users' lives easier with clear on-screen guidance so that training and ongoing support is minimised.

One range fits all
Galaxy Flex allows installers to benefit from all the features of the powerful Galaxy Dimension panel in a fully compliant Grade 2 panel and with full flexibility to meet the demands of small, 12 zone installations right up to larger 100 zone installations.

Choose Galaxy Flex and experience the ease and flexibility of Honeywell. Please visit *www.honeywellgalaxyflex.com* or contact our sales team using the details overleaf.

Features:

- **Robust, custom-moulded housing**
  Radio, communications and other features housed inside the panel with convenient hinged/removable lid

- **Flexible expansion**
  Up to 100 wired or 88 wireless zones
  Up to 100 users
  Up to 98 wireless key fobs
  Protecting up to 8 groups

- **Door control**
  Up to 4 door controllers (DCMs) controlling up to 8 doors.

  Access event log records up to 1000 events
  Compatible with most Wiegand readers

- **Up to 4 annual holiday schedules**
- **Up to 4 weekly schedules available**
- **Three power connection options**
  Traditional connection inside panel using optional terminal block, wired to a local disconnect point, or a plug-in option

- **Multiple communications options**
  GSM/GPRS, Ethernet, PSTN, USB

- **3 User interfaces**
  TouchCenter, new MK8 and traditional MK7 keypads/proxes

- **Back up battery**
  Supports efficient, space saving 10Ah battery design from Yuasa (REC10-12)

- **Resettable fuses (PTCs)**
  Integrated resettable fuses for Auxiliary power supply and battery

- **Auto-detect function for faster installation**
  System automatically recognises when modules are added/removed from system without the need to leave engineering mode

- **Options for up to 2 audio verification channels**

- **One comprehensive range** of wired and wireless intrusion and environmental detectors

- **Full compliance** with EN50131, PD6662:2004/2010, DD243:2004, BS8243:2010, Security Grade 2 compliant, Environmental Class II

Galaxy® Flex

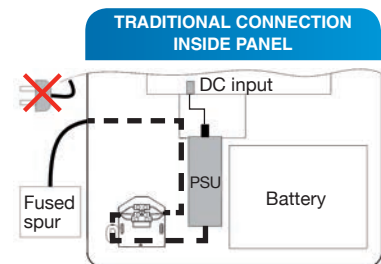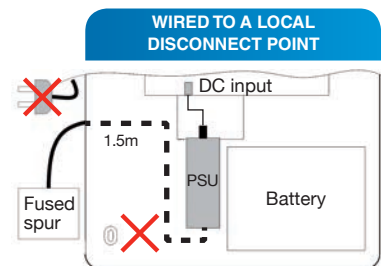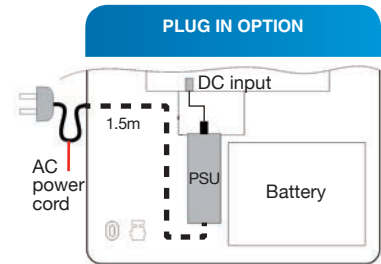**Flexible control panel range for small to medium sized security installations**

Attractive user interfaces

A range of Touchscreen, LCD Keypad and Keyprox options

- Compatible with Galaxy TouchCenter giving end users clear and easy to view touchscreen graphical display
- MK8 keypad offers a modern keypad and keyprox design with all the familiarity and functionality of the MK7 keypad
- Familiar MK7 keypad for installer programming across the range
- Proximity function across all user interfaces allows quick and secure set and unset without PIN code

Flexible power connections

- Lighter and more efficient than a standard transformer

PLUG IN OPTION

DC input
1.5m
AC power cord
PSU
Battery

WIRED TO A LOCAL DISCONNECT POINT

DC input
1.5m
Fused spur
PSU
Battery

TRADITIONAL CONNECTION INSIDE PANEL

DC input
Fused spur
PSU
Battery

Flexible communication modules for alarm signalling and remote servicing

- Option of internal GPRS/GSM or Ethernet module
- Supports additional Ethernet module in place of GSM/GPRS

Enhanced dual path signalling options:
1. Ethernet backed up by PSTN
2. GPRS backed up by GSM
3. GPRS backed up by PSTN
4. PSTN backed up by GSM

Wireless Options

- Bi-directional wireless interface with full range of intrusion and environmental detectors
- 868MHz frequency
- Up to 8 wireless interface modules (RF portals)
- Up to 88 wireless zones and up to 98 key fobs
- Full bi-directional agile routing (patented technology)
- Compatible with all Honeywell Alpha protocol sensors

IR8M/IRPI8M PIR
DT8M /DTPI8M DUAL TEC®
FG8M GLASSBREAK DETECTOR
DF8M SMOKE DETECTOR
TCB8M KEY FOB
TCBPA8M-1 PANIC ALERT KEY FOB
SHK8M/SHKC8M PIEZO SHOCK SENSOR
DET8M - FLOOD & TEMPERATURE SENSOR
DO8000M /DO800M2 & DODT800GY-B DOOR CONTACTS

TouchCenter **MK8**
MK7
Ethernet module
GSM/GPRS module
RF portal

User interfaces
Communications options
Wireless options

Power supply
Power connections

Standard connectivity

- USB enabled for direct connect to local PC using USB cable (mini USB port)

Mini USB cable connection
Standard connectivity

Remote maintenance

- Provides complete remote servicing capability including off-line programming, real-time control and diagnostic reporting
- Programming upload and download
- Event log and access log upload
- Remote Routine Inspection (RRI)
- Mimic panel for control functions
- Online keypad support

Remote Servicing Suite (RSS)
User Management Suite (UMS)
Remote maintenance

Expansion Options

- Clip in module expansion slots
- Allows total customisation depending on security needs
- Designed to host trigger and other new modules

Trigger module
Expansion options

External Power Supply Units (PSUs)

Galaxy® Power Unit 2.75A
- Rated at 1.0A
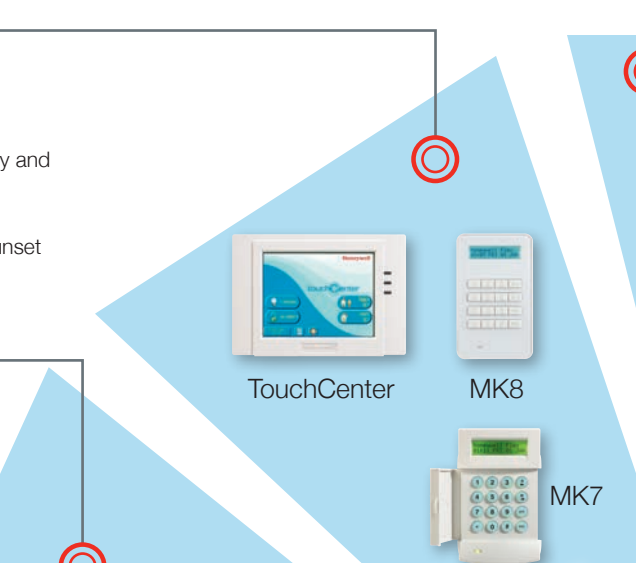- Reports AC, Battery, fuse and tamper via RS485

Galaxy® Power RIO 2.75A
- Rated at 1.0A
- Reports AC, Battery, fuse and tamper via RS485
- Integrated RIO (8 inputs/4 outputs)

External PSUs
8 inputs
4 outputs

Proximity reader - MAX4

- Complete door control in a single unit
- Can be used as standalone or integrated into the Galaxy® control system
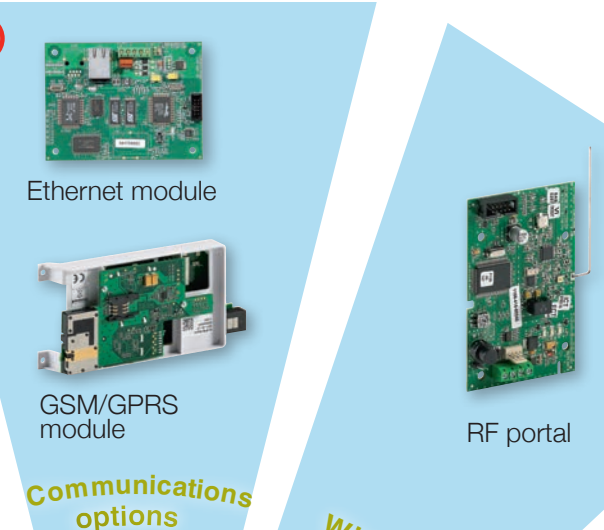- Connected on RS485 bus

MAX4 proximity reader
Door control

Door Control Module (DCM)

- Supports up to 4 door control modules
- Each door control module has 2 Wiegand inputs allowing management of 2 doors
- Door access controlled by access templates and up to 4 weekly and/or annual holiday schedules
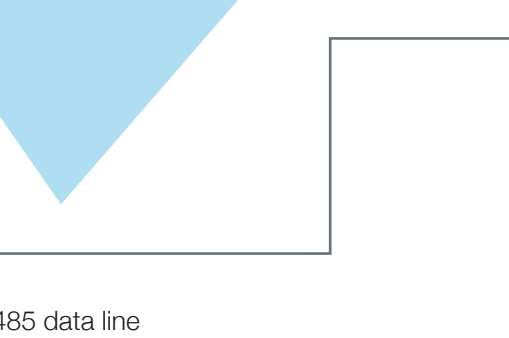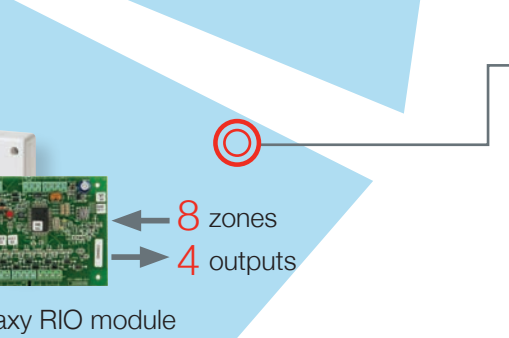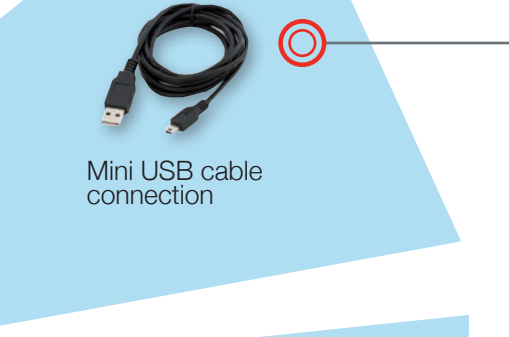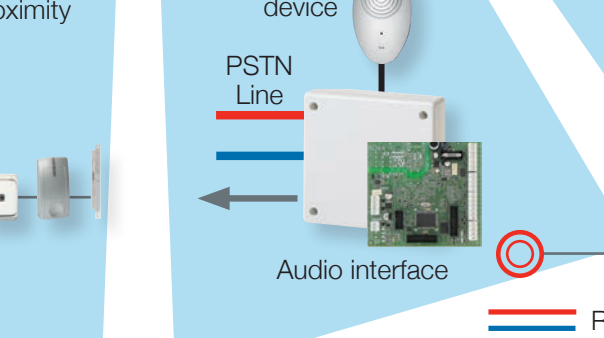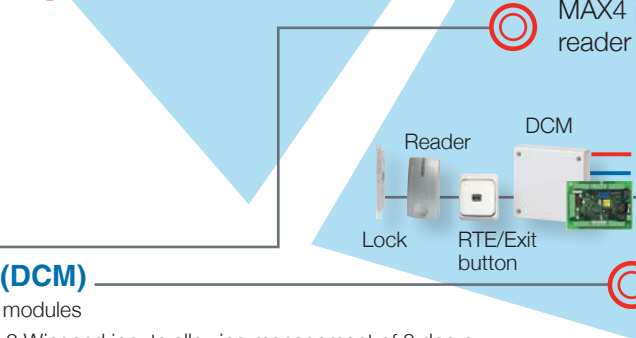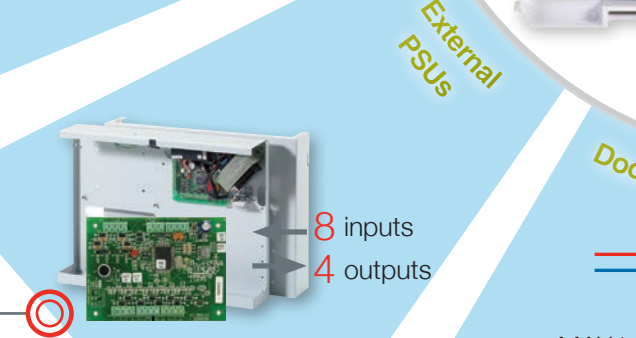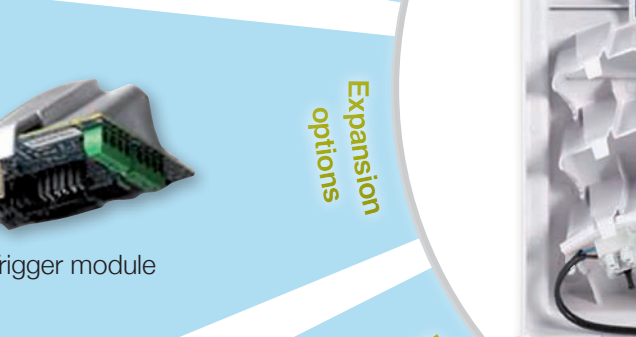
Reader
DCM
Lock
RTE/Exit button

Audio options

2-way voice device
PSTN Line
Audio interface
Audio options

Galaxy® RIO (Remote Input/Output)

Provides zone and output expansion for Galaxy Systems

- 8 fully programmable zones
- 4 programmable outputs
- Tamper protection
- Rotary switch for setting module address

Galaxy RIO module
Wired zone expander
8 zones
4 outputs

Audio interface module

- Links 2 audio channels to provide audio verification following an alarm activation
- Audio interface PCB connects to panel and PSTN Phone line
- 2 optional audio channels
- Individual zones can be mapped to audio channels
- Optional 5-10 seconds of Pre and post-alarm recording is stored

RS485 data line

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Technical Specifications:

Description	FX020	FX050	FX100
Zones on board (Max expansion) Max wireless zones	12 (20) 8	12 (52) 40	12 (100) 88
Wireless transceiver/RF portal	8	8	8
Outputs—switched (with trigger module)	2-6 (14)	2-22 (30)	2-46 (54)
Trigger outputs—relay	0-1	0-1	0-1
Integrated PSU	1A	1A	1A
Output current rating (EN50131 / Security Grade 2)	0.7A	0.7A	0.7A
Keypads/Keyprox	4	4	8
Galaxy TouchCenter/ prox	1	1	1
Bus mounted prox readers	4	8	8
Door controllers (DCM)	2	4	4
DCM controlled doors	4	8	8
Users	25	50	100
Multi-users	Yes	Yes	Yes
7 day timer schedules (Autoset & Access)	2	4	4
Event log	500	500	1000
Access log	500	500	1000
Access control groups (user templates)	5	10	20
Speaker driver	Yes	Yes	Yes
Local communication interface	USB	USB	USB
Groups/Areas	3	4	8
Part set per group	1	1	1
Silent set option	Yes	Yes	Yes
Links	5	5	5
RS485 databuses	1	1	1
SMS text	Yes	Yes	Yes
Library	Yes	Yes	Yes
Communication options			
PSTN	onboard	onboard	onboard
Ethernet	optional	optional	optional
GSM/GPRS	optional	optional	optional
Audio options			
Voice listen-in option	2 channels	2 channels	2 channels
2-way voice option	2 speaker channels	2 speaker channels	2 speaker channels
Mechanics			
Dimensions (h x w x d)	333 x 337 x 93mm		
Weight (excluding battery and in-box peripherals)	1.8 kg		
Approvals	Suitable for use in systems complying to EN50131-1: 2006 +A1:2009 and tested to EN50131-3: 2009; Security Grade 2; Environmental Class II; PD6662:2004/2010; DD243:2004; BS8243:2010		

Honeywell reserves the right to alter the specification of products without notice.

[1] Replacement Ethernet module E080-04 available from November 2012.

Ordering:

Control Panels & Kits

C003-M-E2-01	Galaxy Flex FX020 control panel
C002-M-E2-01	Galaxy Flex FX050 control panel
C001-M-E2-01	Galaxy Flex FX100 control panel
C003-E2-K01	Flex 20 UK panel + MK7 Keypad
C003-E2-K02	Flex 20 UK panel + MK7 Keyprox
C003-E2-K03	Flex 20 UK panel + MK8 Keypad
C003-E2-K04	Flex 20 UK panel + MK8 Keyprox
C002-E2-K03	Flex 50 UK panel + MK8 Keypad
C002-E2-K04	Flex 50 UK panel + MK8 Keyprox

User Interfaces

CP037-01	MK7 Keypad
CP038-01	MK7 Keyprox
CP050-00-01	MK8 Keypad
CP051-00-01	MK8 Keyprox
CP041-00	Galaxy TouchCenter
CP042-00	Galaxy TouchCenter with prox

Modules

E080-04[1]	Ethernet module
A073-00-01	Direct mount RF portal PCB
C079-2	RF portal in plastic housing
A070-00-01	GSM/GPRS module
A071-00-01	Galaxy Flex trigger module
A211-01-300	ISDN network module
C072	Galaxy RIO - 8 inputs/4 outputs

Door Control

C080	DCM - Door controller
C081	DCM - Door controller with PSU
C086	USB card reader interface
MX04	MAX4 proximity reader

Audio

C084	Audio interface module
TP2-800GY	2 Way voice speaker-mic

Remote Servicing

R056-CD-L	Standalone Remote Servicing Suite (RSS)
R057-CD-DG	Remote Servicing Suite with USB dongle & client/server version
R058-CD-DG	User Management Suite (UMS) with USB dongle

Accessories

A077-00-01	Mounting kit for Ethernet/ISDN module
A161	Printer interface

Power Supply Units

P026-01-B	Galaxy power RIO
P025-01-B	Galaxy power unit

Find out more:
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