

Galaxy Gold

Galaxy Gold is an advanced, high performance software application that enables remote servicing and programming, via the public telephone network, of any Galaxy panel with a Galaxy Telecom Module installed.† Alternatively, a dedicated connection between Galaxy Gold and a single Galaxy control panel can be established via a Galaxy RS232 Module.

Communication, is initiated by either Galaxy Gold or the control panel. Once connected, Galaxy Gold provides complete control over the Galaxy panel, enabling full function remote servicing to be carried out.

The Galaxy Gold menu options provide the operator with a comprehensive range of features that allow site data to be copied to and stored on the PC, modified and overwritten to panels, as well as allowing the creation and off-line programming of sites prior to the commissioning of new Galaxy panels.

Note: Galaxy Gold is compatible with Windows NT™, Windows 2000 and Windows ME.

†Galaxy 16 plus has on-board communicator

Features

- Full function remote servicing
- Galaxy panel call-back
- Copying of panel program data
- Overwriting panel program data
- Off-line data programming
- Event log copying
- Displaying and printing of selected event log categories
- Password protected access to Galaxy panels
- Password protected access to Galaxy Gold
- Programmable user functions
- Single local site servicing
- Multiple remote site servicing
- Copy protection device (dongle) version available

Galaxy Security Directors Gold (SDG)

A software package developed specifically for in-house security managers allowing access to key features of the Galaxy Gold programme in order to facilitate:

- Event log copying
- Holiday period changes
- Summer time date change
- User code amendment

Alarm Monitoring

Alarm Monitoring is designed to be used either remotely, receiving signals from remote Galaxy sites, via the Telecom Module, or on-site receiving signals directly via an RS232 interface. The encrypted alarm transmissions are captured by the Alarm Monitoring software and presented to the operator in a precise and detailed manner. The operator is prompted to acknowledge each alarm before taking appropriate action. The activity of each alarm is recorded and time stamped.

Alarm monitoring also allows authorised users to connect directly to the panel, via the Galaxy Gold mimic function

Features

- 250,000 plus event log
- 100 user PIN assignments
- Background monitoring of alarms
- Instant display of incoming alarms
- Audio-visual indication of alarms
- Site details information
- Operator action instructions and contact telephone numbers
- Single local site monitoring
- Multiple remote site monitoring
- Details of current and previous alarm events
- Copy protection device (dongle) version available

GALAXY REQUIREMENTS	SPECIFICATION
Galaxy panel	Version 1.04 or above
Remote Site Servicing	Modem (V.22 Hayes compatible) Galaxy Telecom Module Telephone line
On-Site Servicing	Galaxy RS232 Interface module
PC REQUIREMENTS	SPECIFICATION
Processor	IBM compatible Pentium 166 or higher (for Windows 95/98) or Pentium II 233 (for Windows NT, Windows 2000, Windows Millennium Edition (ME))
Memory	32 MB RAM minimum (for Windows 95/98) or 64 MB RAM minimum for (Windows NT, Windows 2000, Windows ME)
Hard Disk	40 MB
CD-ROM drive	required
Operating System	Microsoft Windows 95, Microsoft Windows 98, Microsoft Windows NT with service Pack 3, Windows 2000, Windows ME
Interface	2 serial ports, 1 parallel port
Graphics Adaptor	Super VGA or higher resolution
Display	Super VGA or higher resolution (800 x 600 min screen resolution)
Mouse	Microsoft Windows compatible
SYSTEMS	ORDER CODES
Galaxy Gold UK Licence Kit	R006-CD
Galaxy Gold UK Update	R007-CD
Galaxy Gold UK Dongle CD Licence	R011-01-CD
Galaxy Gold UK Update: Dongle	R012-CD
SDG Licence Kit	R021-CD
SDG UK Update	R023-CD
SDG UK Dongle CD Licence	R022-01-CD
SDG UK Update Dongle	R024-CD
Alarm Monitoring UK Licence Kit	R009-CD
Alarm Monitoring UK Update	R010-CD
Alarm Monitoring UK Dongle CD licence	R013-01-CD
Alarm Monitoring UK Update: Dongle	R014-CD

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Galaxy technical support

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Fax: +44 (0) 1355 267796
Email: support@ademco.co.uk

Other products in the Ademco Microtech range:

Accord

The Accord control panel range offers both the installer and the end user a feature packed and competitively priced 8 zone intruder alarm. It is ideal for both residential and small commercial applications with both bells only and communicating panels available.

Vista

The Vista security control system presents the security industry with a truly flexible alternative to conventional security options. Available in 10 or 25 zone with wire-free configuration options.

PIRs

Ademco Microtech manufactures and markets a range of digital detectors to complement all intruder alarms panels.

See our full range on the website:
<http://www.ademco-microtech.co.uk>

flexible
residential

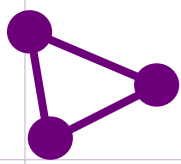
high technology



commercial

high-end

integration



PANELS

The superb high-end systems offered by the Galaxy range enable a security systems installer company to create virtually any size of system, from residential through small commercial to high specification bank installations with total confidence. The panels are complemented by a full range of peripherals offering integrated flexibility unmatched in the industry.

Features

Galaxy 8, 18, 60, 128, 500, 504

- Self diagnostics
- Intrusion trace
- Programmable function keys
- Programmable user names
- Event log date search
- 7 user access levels
- Full function remote servicing
- System configuration display
- Programmable user menu
- High/low resistance monitoring
- Automatic summer time change
- Reversible output polarity
- Autoset/Autounset
- Independent group programming
- Support for MAX/MicroMAX proximity access reader
- Dual PIN and Max/MicroMAX operation
- Setting and unsetting using MAX/MicroMAX cards and fobs

- Part set
- Remote reset
- Printer and computer options
- Program up/downloading

Galaxy 512

additional features on Galaxy 512

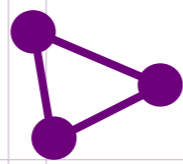
- Automatic Teller Machine protection
- Independent Group lockout
- High Security timer control

Galaxy 16, 16plus

- 14 programmable zone functions
- 16 programmable output functions
- 14 programmable user codes
- Special 'SHIFT' key functions (10 on Galaxy 16, 13 on Galaxy 16plus)
- 250 event log
- Programmable system parameters
- Multiple, flexible, part set options
- Programmable time and date
- Automatic summer time change
- Remote reset (Galaxy 16plus only)
- 8 channel on-board communicator (Galaxy 16plus only)
- On board 12 volt, 1 Amp power supply
- Printer and computer options
- Program up/downloading
- 3GSTU (plug-on) capability (Galaxy 16plus only)

Panel Specification Chart

	GALAXY CLASSIC (PART NUMBER)							GALAXY 16 SERIES	
	8 (C055)	18 (C051)	60 (C052)	128 (C070)	500 (C057)	504 (C065)	512 (C063)	16 (CP161)	16plus (CP171)
zones	8	10 to 18	12 to 60	0 to 128	0 to 504	0 to 504	8 to 512	8 to 16	8 to 16
RIO modules	0	1	6	16	63	63	64	1	1
rmt keypads (LCD)	16	16	16	16	32	32	32	3	3
MAX modules	1	2	4	8	16	32	32	-	-
user codes	10	20	30	50	100	200	200	14	14
MAX codes	40	80	170	200	200	300	300	-	-
groups	0	3	4	8	16	32	32	-	-
outputs	6	6 to 10	6 to 30	4 to 68	4 to 256	4 to 256	4 to 256	7 to 11	7 to 11
printer module	optional	optional	optional	optional	optional	optional	optional	optional	optional
telecom module	optional	optional	optional	optional	optional	optional	optional	-	on board
line fail	-	-	-	-	-	-	-	yes	-
7 day timers	0	0	2	2	2	2	2	0	0
RS485 lines	1	1	1	2	4	4	4	1	1
zone types	32	32	39	39	39	41	45	12	12
output types	25	30	56	59	59	60	65	9	9
library (words)	0	538	538	538	538	538	538	100	-
event log	250	250	300	500	500	1000	1000	250	250
multi-users	no	no	4	8	8	16	16	4	5
autoset	no	no	no	20 on/off	20 on/off	20 on/off	20 on	-	-
pre-check	no	no	yes	yes	yes	yes	yes	-	-
lockout	no	no	no	no	no	no	20 on/off	-	-
group omit	no	yes	yes	yes	yes	yes	no	-	-
links	0	16	32	64	99	99	99	-	-
link outputs	0	5	15	15	15	15	15	-	-
part set	yes	yes	yes	yes	yes	yes	yes	yes	yes
RS232 module	optional	optional	optional	optional	optional	optional	optional	optional	optional
integrated comms	-	-	-	-	-	-	-	-	yes
remote servicing	yes	yes	yes	yes	yes	yes	yes	yes	yes
shift keys	-	-	-	-	-	-	-	10	13



PERIPHERALS

All galaxy peripherals are connected directly to the galaxy RS485 communications bus. All accessories are fully compatible with the Galaxy Range of control panels

DESCRIPTION	PART NO
Mk7 remote keypad	CP027
Aluminium keypad	CP023-A
Brass keypad	CP023-B
RIO module (8 zones/4 outputs)	C072
MAX	MX01
MicroMAX	MX11
MaxiMAX	MX12
Extension read head	MX13
MAX/MicroMAX card	YX0-0001
MAX/MicroMAX fob	YX0-0004
Telecom module	E062
RS232 module	E054
6 PIN DIN printer interface	A134
25 way sub D printer interface	A161
Door Guard Interface	C075
4 Way Relay	C037

Mk7 Keypad (CP027)

The Mk7 keypad is one of the most stylish, yet easy to use keypads available. Compatible with the full Galaxy range of control panels, it is packed with the following frequently specified features:

Features:

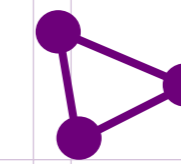
- Full 16x2 alpha numeric display
- Fully addressable via rotary switch
- Off the wall tamper protection
- Easy installation characteristics
- Backlight on/off facility
- Volume control
- 16 button keys
- Direct connection to Galaxy RS485 communications bus.



Mk7 keypad

with full 16x2 Alpha numeric display
dimensions: 149mm x 91mm x 31mm

galaxy



PERIPHERALS

MicroMAX (MX11)

A sophisticated door control module which uses proximity card reader technology to combine performance with flexibility and economy. The MicroMAX can be integrated with the majority of the Galaxy range of control systems or operate as a standalone module.

(NB: The MicroMAX is not compatible with the Galaxy 16 and 16plus panels)

Features:

- Compact size (68 x 41 x 15 mm) and stylish appearance
- Full function remote servicing
- Up to 2000 users supported in Stand-alone mode
- Up to 498 users supported when used with Galaxy panel (except 16 and 16plus)
- Programmable operation inhibition
- Single panel function programmable to MicroMAX card
- 1000 Event Log
- Dual MicroMAX/keypad setting operation option
- 20mA Quiescent, 50mA when active
- Up to 32 readers on a Galaxy 512 & 504 system
- Built in watchdog reset controller
- 1 relay output
- 1 internal Piezoelectric buzzer output (fixed)
- 1 output for horn connection
- Completely sealed for indoor and outdoor use
- Off-the-wall tamper

MaxiMAX (MX12)

- A MicroMAX accessory used to extend the read range of the MicroMAX to 20cm.
- Easy to install, requiring no additional cabling, other than that required for the MicroMAX.



MaxiMAX

dimensions: 173mm x 176mm x 23mm

Extension read head (MX13)

- Allows the MicroMAX unit to be installed within the protected premises, but have the read head situated outside.
- Allows the MicroMAX to be used for building entry, with the electronics protected from weathering and vandalism.

Remote Input Output module (RIO) (C072)

- May be added to the Galaxy 18, 60, 128, 500, 504, 512 and 16 and 16plus control panels
- Each additional RIO expands the system by eight zones and four outputs

Smart PSU (P022)

- Integrates a 3 ampere power supply with a Galaxy RIO
- Provides a solution to power for additional RIOs fitted distant to the control panel

Printer interface module (A134)

- Allows the Galaxy to be connected to a serial printer enabling the contents of the event log and the programming details of the system to be printed out
- 3 main functions:
 - control panel programming copy overwrite
 - interface with a PC
 - interface with a serial printer

Door guard interface (DGI) (C075)

- Used to guard doors that require protection even when the Galaxy system is unset.
- Unauthorised access to a protected area results in a local, audible warning. The DGI can be configured for both stand alone and Galaxy on-line operation.



Door guard interface

dimensions: 187mm x 154mm x 48mm



Remote Input Output Module (RIO)
dimensions: 149mm x 91mm x 39mm

RS232 interface module (E054)

- Provides full duplex serial communication between Galaxy control panels and PCs or printers
- 3 main functions:
 - control panel programming copy overwrite
 - interface with a PC
 - interface with a serial printer

Telecom module (E062)

- Optional add-on to the Galaxy control panel. It is intended for connection to the Galaxy 8, 18, 60, 128, 500, 504 and 512 (High Security) control panels.
- Highly intelligent and compact module, combining both digital communication capabilities and remote servicing facilities.
- As a digital communicator (digicom), the Telecom Module transmits alarm signals using a number of signalling formats.
- as a remote servicing device the Telecom Module can be used - in conjunction with Galaxy Gold software - to remotely access the Galaxy control panel, allowing copying and overwriting of panel programming and on-line servicing.

4-Way relay interface (C037)

- A general purpose relay interface module