Multicom 5 Plus

GSM/GPRS/IP/PSTN Alarm Communicator

Superior security

Multicom 5 Plus

The highest class of alarm communicator available

The Multicom 5 Plus is an alarm communicator panel, perfect for high-risk sites and premises that need the highest level of security.

The MC5P connects to your existing security system, enabling delivery of your alarm messages across four transmission paths, including GPRS, GSM, Ethernet and PSTN, and does so simultaneously. If one path fails the

MC5P automatically and transparently transmits across one of the remaining paths, providing constant reliable communication.

The MC5P not only delivers your alarm messages more securely and across more paths, but it also enables your monitoring centre to check the integrity of your alarm system and connection as frequently as every

twenty seconds. This process, known as polling, ensures that your alarm is always working and connected. In addition to polling, the MC5P offers PFP, a proprietary Poll Fail Transmission Protocol that verifies active communication paths in the event of signal dropout or panel failure.

Communicating over the leading private security network, with a proven 99.99% network uptime, the MC5P protects your assets more reliably than any other solution on the market, without compromising affordability.

The MC5P hardware itself is C-Tick approved and certified, combines the highest quality components, sourced globally, and is designed in Australia, meeting class 1, 2, 3, 4 & 5 of Australian Standard AS2201.5 2008.

Get a higher level of security from your existing alarm system with the Multicom 5 Plus.

Why Multicom?

The most affordable panel in its class

We believe that price shouldn't compromise quality. That's why we've created an affordable panel with true quality and workmanship.

We're proud to offer you a Class 5 communications panel with unmatched capabilities at such an affordable price.

Intelligent input & output control

The Multicom 5 Plus has built-in output relays that enable your monitoring centre to remotely arm & disarm your alarm panel, open gates, and/or turn lights on & off.

You can also control these outputs with simple, secure SMS commands sent from your mobile phone.

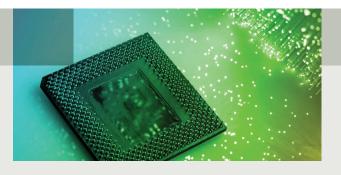### Compatible with your existing alarm system

The Multicom 5 Plus is compatible with 99% of existing alarm systems. It quickly and conveniently plugs into your existing panel and converts it to a Class 5 system.

The MC5P was also designed to enhance your existing system's security capabilities; once installed, you will have a Class 5 system.

Intelligent wireless power control

Other IP-based alarm communicators are as reliable as the networking equipment they're attached to. To overcome the poor reliability of troublesome modems and routers, the MC5P offers the unique capabilities of Inteliswitch - a wireless power device that plugs into your Internet router or modem to cycle power in the event of network dropout. Inteliswitch monitors your hardware and reboots it wirelessly if a signal dropout is detected. This provides more reliability from your existing equipment and ensures consistent network availability.

Polling makes it more secure

Polling authenticates your alarm system's integrity, which means if your alarm system fails, or has been tampered with in some way, your monitoring centre will know about it almost immediately. Polling is like security for your security system. If polling fails on the default GPRS network, the MC5P transparently switches to PFP, a proprietary polling method exclusive to the Multicom Range.

The Multicom Range uses the highest quality components, sourced globally, and designed in Australia for use on the leading private security network with 99.99% uptime.

Technical Specifications

PRODUCT FEATURES

Communication Paths	GPRS
	Contact ID via GSM
	Contact ID via PSTN
	Ethernet (10/100 FEC)
	PFP (Poll fail protocol via the GSM network)
	SMS
	Serial
	Bluetooth (Wireless Programming interface with easy Multicom Programming interface)
	Wireless Power Point Control
Reporting Format	Contact ID
	Multicom Netwok
	PFP
Inputs	4 x 24hr alarm inputs with programmable End-of-Line Resistors (EOLR)
	Dedicated Tamper Input
Output Devices	2 x programmable dry relay contact for system trouble or automation outputs
	Wireless Power Point Control
	12V Auxiliary Output (200mA poly Fuse)
Indicators	Signal, Communications, Fault and PSTN LED's
Quad GSM band	800/900/1800/1900 MHz
Options	2 x Programmable IO for Custom applications
	Analogue inputs for Signal Level Monitoring
	Emergency Phone Backup (PSTN to GSM Conversion)
	Serial Programming Cable
Expansions	On-board Expansion Interface, hardwired and Bluetooth
Backup Supply	12V 7Ah with three stage charger
Power Supply	16Vac, 50Hz Adaptor
Approval	N28785
Enclosure	Tamper proof 1.3mm steel
Dimensions	H 265mm W 310mm D 65mm

OPERATIONAL FEATURES

Alarm Reporting	PSTN Fault (programmable Time)
	AC Fault (programmable Time)
	Zone 1 to 4 (24 hour)
	Tamper

OPERATIONAL FEATURES (CONTINUED)

Alarm Reporting	GPRS/GSM/Ethernet Fault (optional)
	Test report (programmable)
	Programming Update / Access
	Alarm Communication Fault
	Zone Lockout (optional)
	Multicom Power Point Cycle
Alarm Mapping	Map alarm events to either Relays or Contact ID message reporting
Remote Software Update	Full remote programming and management of software / firmware via GPRS / Ethernet

GPRS / ETHERNET FEATURES

GPRS Operation Features	Contact ID to GPRS conversion
	Surepoll Private IP WAN (Polling, programming, Alarm communications, remote software update)
	128 Bit AES Encryption
	Programmable Alarm reporting priority (Ethernet/GPRS/PSTN/GSM)
Ethernet	Ethernet with DHCP or Static IP
	Multicom Power Point will cycle attached Ethernet hardware (ADSL/DSL/NTU/Router/Switch) in the event of network outage (programmable)
	Path Aggregation between GPRS and Ethernet

PSTN FEATURES

MODE 3	Onboard mode 3 relays for complete signal control and isolation
FXO	Globally Compliant PSTN Line Interface with Digital Audio Interface
FXS	Globally Compliant SLIC Interface for TRUE PSTN signalling
Programmable Features	Fault detection Delay and voltage threshold with Contact ID event
	Path priority (MC5P as primary or secondary delivery method)

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