

# Multicom 4 Plus

GSM/GPRS/PSTN Alarm Communicator



[www.multicomsystems.com.au](http://www.multicomsystems.com.au)



# Future proof your security system

## Multicom 4 Plus



### Welcome to a new way of thinking

The Multicom 4 Plus is an alarm communicator that breathes new life into your existing alarm system.

The MC4P enables delivery of your alarm messages across three transmission paths, including GPRS, GSM, and optionally your original telephone line (PSTN). If one path fails the MC4P automatically and

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

The MC4P not only delivers your alarm messages more securely and across more paths, but it also enables your monitoring station to check the integrity of your alarm system and connection as frequently as every

forty seconds. This process, known as polling, ensures that your alarm is always working and connected. In addition to polling, the MC4P offers PFP, a proprietary Poll Fail 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 MC4P protects your assets more reliably than any other solution on the market.

The MC4P 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 of Australian Standard AS2201.5 2008.

**Breathe new life into your existing alarm system with the Multicom 4 Plus.**



# Why Multicom?

## The most affordable panel in its class

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

We're proud to offer you a Class 4 communications panel with unmatched features at such an affordable price.



## Intelligent input & output control

The Multicom 4 Plus has in-built output relays that enable your monitoring station to remotely arm & disarm your alarm panel, open gates 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 4 Plus is compatible with 99% of existing alarm systems. It quickly and conveniently plugs into your existing panel and converts it to a Class 4 system.

The MC4P was also designed to be discreet - compact enough to fit inside your existing alarm's housing.

## No fixed phone line required

Traditional alarm systems weren't designed to work without a fixed phone line, but the MC4P provides communication capabilities that will transform your old system to work with new transmission technologies, such as GPRS. The MC4P is perfect for anyone who wants to switch to a VoIP-only service provider for their home or business.

## 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 MC4P 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		OPERATIONAL FEATURES (CONTINUED)	
Communication Paths	GPRS Contact ID via GSM Contact ID via PSTN PFP (Poll fail protocol via the GSM network) SMS	Alarm Reporting	Test report (programmable) Programming Update / Access Alarm Communication Fault Zone Lockout (optional)
Reporting Format	Contact ID Surepoll PFP	Alarm Mapping	Map alarm events to either Relays or ContactID message reporting
Inputs	2 x 24hr alarm inputs with programmable End-of-Line Resistors (EOLR) Dedicated Tamper Input	Remote Software Update	Full remote programming and management of software / firmware via GPRS
OPERATIONAL FEATURES		GPRS FEATURES	
Output Devices	2 x programmable dry relay contact for system trouble or automation outputs	GPRS Operation Features	Contact ID to GPRS conversion Surepoll Private IP WAN (Polling, programming, Alarm communications, remote software update) 128 Bit AES Encryption
Indicators	Signal, Communications, Fault and PSTN LED's		Programmable Alarm reporting priority (Ethernet/GPRS/PSTN/GSM)
Quad GSM band Options	800/900/1800/1900 MHz 2 x Programmable IO for Custom applications Emergency Phone Backup (PSTN to GSM Conversion)		
Power Supply Approval	12V 500mA N28785	PSTN FEATURES	
Alarm Reporting	PSTN Fault (programmable Time) Power Fault (programmable Time) Zone 1 to 2 (24 hour) Tamper GPRS/GSM Fault (optional)	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 simulating TRUE PSTN signalling
		Programmable Features	Fault detection Delay and voltage threshold with Contact ID event Path priority (MC4P as primary or secondary delivery method)