

# TELCON 500 GSM CONTROLLER



The *TELCON 500* is a GSM remote control switch, it connects to the mobile phone network and like a mobile phone it has its own telephone number. The *TELCON 500* is activated by calling its phone number, it will recognise an authorised telephone number calling it, reject the call without answering and switch on or off the device connected to it, because it rejects the call without answering there are no call costs incurred.

Applications include authorised door access, controlling gates, car parking systems, re-setting of remote servers and routers.

Up to 500 authorised telephone numbers can be stored in the unit's memory. Whenever a call is made to the *TELCON 500*, it compares the phone number of the incoming call with the numbers stored in its memory. If a match is found, it recognises that the caller is authorised and the unit will activate.

The *TELCON 500* can be configured by SMS text messages and by using a computer with the software and interface cable provided.

## FEATURES

- Fast programming of up to 500 telephone numbers using a computer, save and load configuration to hard disk, allows easy back up, restore and copying of installations
- Simplified commands, only two SMS commands are used, and several telephone numbers can be added or deleted in one text message
- High sensitivity GSM engine ensures the *TELCON 500* will work in low signal strength areas
- Onboard signal strength, relay state and power indicators
- DIN rail mounting or free standing with screw terminal connections
- High quality made in the EU

## PACKAGE CONTENTS

*TELCON 500* GSM controller

CD (including the user manual and software.)

Configuration cable for connection between the *TELCON 500* and personal computer

GSM antenna, pre-wired for internal or external use

Printed Quick start guide

An optional 12V DC inline power supply is available

SPECIFICATIONS	
Power Supply Voltage	10-15 V DC
Power consumption	Maximum 1 amp @ 12V DC, typical 100mA
Operating Temperature	-20 to +40°C
Switching capacity	5A @ 230V AC
Switching contacts	Normally open and normally closed
Relay activation time	0 to 6 seconds (default 1 second)
Dual Band GSM modem	900/1800MHz
Dimensions	90 x 53 x 58 mm

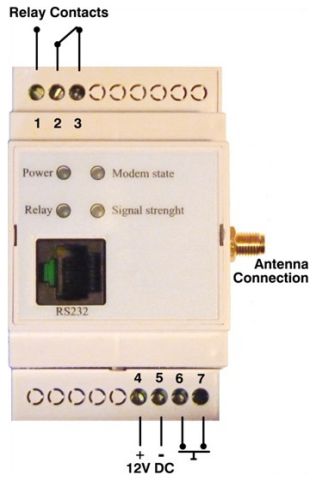
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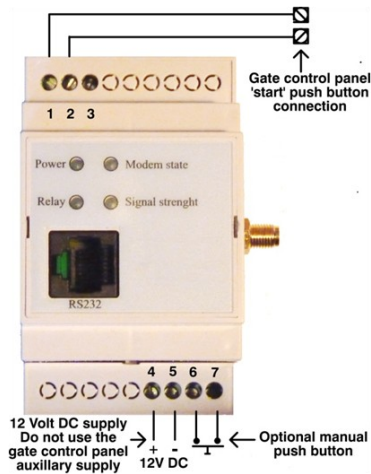
## CONNECTION DETAILS



1	Normally open	Relay contacts, maximum switching capacity 5 amps @ 230V
2	Common	
3	Normally closed	
4	+12 Volts	12 Volt DC supply @ 1 amp
5	- 12 Volts	
6	Normally open momentary push button connection	Allows manual control of the unit
7		

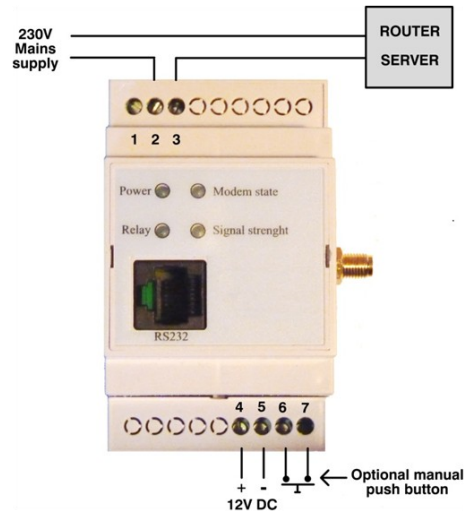
## CONNECTION EXAMPLES

### CONNECTION TO A GATE CONTROL PANEL



When the *TELCON 500* is activated the relay contact will send a signal to the gate control panel and open the gate

### CONNECTION TO A ROUTER OR SERVER



When the *TELCON 500* is activated the relay contact will interrupt the power supply and re-set the router or server

## CONFIGURING THE *TELCON 500*

Before the *TELCON 500* can be used it must be configured, the authorised telephone numbers need to be entered into the user list. The unit can be configured by SMS text messages and by using a computer with the software provided. When configuring using SMS text messages the unit will only respond to messages sent from the telephone number entered in the 0<sup>th</sup> position of the units memory, since the 0<sup>th</sup> memory position does not contain a number initial configuration must be carried out using a computer, once a number is entered into the 0<sup>th</sup> position further configuration can be carried out using SMS text messages.

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