



Tel 011 804 9757 Fax 086 726 0149

P.O. Box 659, Wendywood, 2144

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MK II INTERCOM

Main Features

The MK II GSM based Telephone Access Control System is designed to provide Resident / Visitor access control for townhouses clusters etc.

The system uses the **cellular network** to only call pre-programmed telephone numbers when the dwelling number is entered and the tenant/resident selected. **No cabling is involved** to connect the gate station to the unit

- Operates on cellular networks – less risk of lightning damage
- Dials **3 numbers** per dwelling
- Ability to open multiple gates – Main gate for vehicles or only Pedestrian gate
- Remote programming and management via secure website
- Reports
 - Gate access report
 - Telephone usage report
 - Audit report
- LCD back-lit display
- Robust UV resistant, waterproof enclosure made of stainless steel
- Surge protection on mains

The MK II does not need a SIM card, it uses **embedded (built-in) SIM technology** (only available on Vodacom + MTN) and first in the world in an intercom, and therefore this is a deterrent to prevailing vandalism.

The system has an integrated Nova Remote Receiver on board which enables resident's Nova Gate remote transmitters to be programmed and monitored, which will ensure greater security.

The MK II has an Integrated GSM modem on board.

The MK II is vastly quicker and has reliable synchronization as well as firmware updates

The MK II can be answered from your cell phone anywhere – at the office, the beach etc.

Amanda Esterhuizen

PSIRA: 1482117

Accredited member of South African Electric Fence Installers Association

Registered electric fence system installer with the Department of Labour Nr: EFSI 00475

Esterhuizen Fencing 2005/179560/23

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Reinforcing the MK II's flexibility is its unique **RESIDENT PIN CODE** that allows residents to enter one of two **4 digit** pins per unit upon entering the complex. These Resident PIN codes can only be assigned via the secure website. The **pin code entry** has **no cost** involved as no call is made.

Time based access control increases security levels in housing complexes where domestic workers and contractors require entrance on a daily basis. Conveniently, the gate triggers can be set to trigger only between 7:00am to 8:00 am and 16:00pm to 17:00pm, giving residents the ability to allocate pins to workers

Another function that can be utilised is the SMS or e-mail function. Via the secure website the complex management can send SMS's or e-mails to all residents, notifying them of complex matters e.g. AGM at pool, Wednesday 18 August at 18:00 pm. This will require the purchasing of sms bundles.

To exit the complex:

A **Smartguard Air** Keypad will be installed on a Gooseneck inside the gate. When the visitor leaves the resident's dwelling, the resident gives the visitor the exit code for the **Smartguard**. The visitor will then drive up to the **Smartguard Air** Keypad and the gate will open when the code is entered

Surge + Lightning protection

Lightning and power surges are the most common causes of electronic failure in intercoms. The MK II Intercom has extensive lightning protection built into the unit to help reduce the possibility of damage. **Additional external lightning protection** is installed to help reduce the likelihood of surge damage.

Insurance against surge damage

It is important that the Body Corporate ensures the MK II Intercom against lightning and surge damage, theft and vandalism

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Vodacom Contract with Comb Communications

The MK II Intercom system with **embedded sim** that operates with a Comb Communications Mobile contract for 24 months works in the following manner:

- The MK II Intercom is already fitted with an integrated GSM module (unit that enables calling from the gate to your cell phone and/or Telkom line without any handsets or cabling).
- This involves signing a 24 month Cell contract with **Comb Communication** (Intercom Manufacturer) and subsequently a monthly fee (depending on the contract entered into).
- All billing is charged per second, as that is the better option because it takes on average 18-30 seconds to phone from the gate and open it and you only pay for the seconds that are used.

Vodacom Packages

- The packages that are most often used are:
 - **Vodacom Talk 120S** for R300 p/m with a once off connection fee. This package gives you 7200 seconds airtime per month
 - Talk 120S is normally suitable for complexes of up to 30 units
 - **Vodacom Talk 200S** for R430 p/m with a once off connection fee. This package gives you 14 400 seconds airtime per month
 - Talk 200S is normally suitable for complexes of 40 – 50 units
 - **Vodacom Talk 550S** for R800 p/m with a once off connection fee. This package gives you 33 000 seconds airtime per month
 - Talk 550S is normally suitable for complexes of more than 50 units

The contract through **Comb Communications** involves a ***holding deposit*** of 3 x the monthly contract fee, which is payable up front. There is an admin fee of **R35** per month for Debit order payments.

The activation time of this contract is usually between 24 to 48 hours.

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If you find that the package is not suitable for the amount of visitors, it can always be upgraded. It is although not possible to downgrade to a lower package once you have taken out the contract.

There is an array of different packages available and we will assist you in choosing the most suitable contract for your complex's needs

The package that you choose will depend on the amount of units in the complex, and it is something that the Body Corporate or Managing Agent can monitor via the reports that are obtainable on the secure website

'Pay as you Go'

If a **'Pay as you Go'** sim card is provided by the Body corporate who does not wish to go for the contract option, the web access will be free for the first 12 months for 10 units and thereafter it will be an **annual fee** for secure web access.

A 'Pay as you Go' sim card is **only advisable** for complexes **less than 5 or 10 units**, and a dedicated person need to monitor the airtime, because if the airtime runs out, visitors will not be able to contact any residents.

We believe that the above information and specifications will give you a better understanding of what the installation involves and hereby ensure you that it will be done in a highly professional fashion.

We thank you for the opportunity afforded to quote for this installation.

Amanda Esterhuizen

Body Corporate representative's signature of acceptance:

Date:

Amanda Esterhuizen

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