

The Ndlovu Trumpeter

STAFIX

ELECTRIC FENCE AND SECURITY CENTRES

STAFIX



CENTURION



HAMMER



PATRIOT

PAKTON

COMMAX



KENWEI

CHAMPION
batteries

HAWKINS



SecuCell

E.T.
SYSTEMS
SECURITY PRODUCTS SPECIALISTS

GEMINI

pro-alpha

pro-rola

SENSABLE

WHAT'S NEW IN THIS ISSUE?

- JVA Z-Series Security Energisers
- 5/6 Strand PVC Wall-Top Brackets
- SecuCell SC-1
- Micro-Com GSM-based Intercom System
- New heavy-duty Horse Tread-In
- New rading branches
- Over/Under Voltage Protection Plug



Kimberley

New Kimberley Outlet

Adriaan and Tania Janse van Rensburg of the Bloemfontein Stafix Electric Fence Centre have opened a new Stafix Shop in Kimberley at 29 Schmidtsdrif Road. With the Free State no longer Orange and rapidly turning Stafix Green thanks to Adriaan's energetic marketing efforts, it is now the turn of the Northern Cape to brighten up. We wish Adriaan and Tania all the best with their new venture.



Pietermaritzburg

Sleepy Hollow gets a Facelift

Ndlovu has at last, after many years of operating from the garage of the Williamson home, moved to brand new premises. Many of you, like Mr Singh, may miss the homely atmosphere, but time and tide wait for no man and, hey, no more being slobbered over or your vehicle wheels being washed by Great Danes; no more freezing or frying in an old garage (you'll now be able to freeze and fry in style); no more tripping over stock; and no more knocking over potplants as you drive out. So come and visit us at 51 Winston Road (opposite the old Nestlé's chocolate factory).

Shaun and Heidi Down Under

Following the successful launch and subsequent demand for the JVA Z14 series of electric fence security energisers, Shaun and Heidi Williamson took a trip 'down under' to meet with the directors of Pakton Technology, the manufacturers of the JVA Z series, and to see what could be done to step up supply.

The good news is production is accelerating as Pakton has relocated to a new, state-of-the-art production facility in Brisbane. Pakton has recently become a subsidiary of GDI International, one of the largest electric fence security firms in the USA, and is manufacturing advanced Bi-Polar electric fencing equipment for high-profile petrochemical, airport, and harbour sites serviced by GDI International.



JVA Z14 SERIES RECEIVES INTERNATIONAL CERTIFICATION
Paul and Kayleen Thomson of Pakton Technology with Shaun Williamson, proudly holding the JVA Z14 security electric fence energiser which has passed the international compliance tests and is fully accredited. With the soon-to-be-released JVA Z18 and JVA Z28, Ndlovu Fencing will be able to supply a full range of accredited security energisers.

Centurion Distributer Awards

Ndlovu and Stafix Electric Fence and Security Centers were proud to receive no less than four distribution awards at the 2008 Centurion Gate Systems Award Ceremony held at the Johannesburg Country Club. Seen here with their awards are Glenton Reid (KZN), Shaun Williamson (East Rand), Maurice Williamson (gate-crashing on behalf of Pretoria) and Paddy O'Brien and James Christie (Cape Town).



STAFIX ELECTRIC FENCE AND SECURITY CENTRES

Jet Park 011 397 3507 • Kya Sand 011 708 6442 • Rooderpoort 011 427 8823 • Cape Town 021 534 5056 • Durban 031 702 6351
 Bloemfontein 051 448 6695 • Kimberley 053 861 5631 • Port Elizabeth 041 365 7178/9 • Pietermaritzburg 033 342 6722/7
 Pretoria 012 335 4290 • Polokwane 015 292 6273 • Nelspruit 013 752 7152 • Vanderbijl Park 082 783 8449
efc@stafix.co.za – www.stafix.co.za

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SECURITY ENERGISERS

Z-RANGE

The imported JVA Z-Range of energisers is designed to be the best affordable high-feature security energiser in the world. It was built and designed as a product of over 30 years of electric fence experience earned in the most testing international environments. The unit has a unique LCD voltage display so that the fence output and return voltages can be seen clearly. The unit can be operated by key-switch or by the optional LCD keypad.



Z14 STANDARD ENERGISER



Z14 BI-POLAR ENERGISER

FEATURES INCLUDE

- ★ LCD voltage display
- ★ Powerful 4 joules peak output energy
- ★ Designed to pass IEC60335.2.76 and EMC standards (reports available on request)
- ★ Wall mountable, robust enclosure with detachable PCB chassis for ease of installation and repair
- ★ Earth monitor input
- ★ Gate input
- ★ Key-switch
- ★ Keypad programmable
- ★ Lower-power mode
- ★ Entry/Exit delay from gate input trigger
- ★ Switched +12V outputs for Siren and Strobe up to 30 Watts for 3 minutes
- ★ Microprocessor controlled
- ★ Outputs may be wired for All-Live wire fences (All-Live model only)



LCD ENERGISER OUT AND RETURN VOLTAGE DISPLAY



OPTIONAL LCD KEYPAD



UNIQUE LCD KEYPAD DISPLAY

WHAT IS BI-POLAR FENCING?

The new **JVA Z14A** Electric Fence Security Energisers can be operated in bi-polar mode. This gives rise to the questions: *What is bi-polar and what exactly are the benefits of this wiring configuration?*

A bi-polar fence is an all-live wire fence. A bi-polar energiser has the ability to pulse synchronised positive and negative pulses down alternative wires of the same fence line. So, instead of having alternative live and earth wires on the fence line, one now has one wire with a positive pulse and one wire with a negative pulse. This means that all the wires on the security fence are live (with the exception of one true earth wire in the fence grid).

A reading taken between the positive pulsing or negative pulsing live wires and the true earth, will give half the voltage of a normal live earth configuration. However, when one touches both the positive and negative pulsing wires, one will receive the 'full monty'. The big plus factor of this configuration is that, by reducing the voltages to each wire, one eliminates the annoying and often difficult-to-eliminate arcing experienced in coastal or dusty areas.



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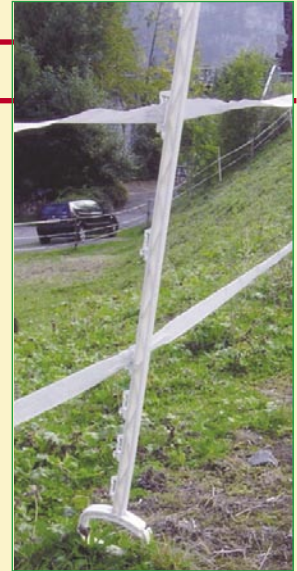
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HEAVY-DUTY HORSE TREAD-IN

New, "from Germany out", an improved heavy-duty horse Tread-In, the *Patura 100*. This heavy-duty Horse Tread-In has a foot stirrup and a sharp spike, which makes pushing it into hard ground a breeze compared with other models. With conveniently spaced 40mm and 12mm tape latches, this versatile Tread-In is ideal for cattle, sheep and goats.



5/6 STRAND PVC WALL-TOP BRACKET



This extremely easy-to-install round-bar bracket is available in black or white and in a five- or six-strand configuration. The galvanised round-bar core is entirely encased in high-density Polyethelene, making arcing impossible. This makes the product ideal for coastal properties, where salt deposits can cause annoying arcing. Simply drill a 10mm hole, epoxy in the bracket, and eureka! – a durable, trouble-free wall-top fence bracket. What's more, every bracket comes with a spare cap!

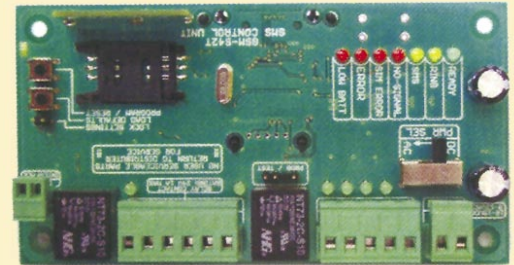
SECUCELL S-1



The SecuCell SC-1 offers a low-cost, single-output solution for opening electric gates remotely by means of a free missed call from a cellphone. Retailing at just under R1 000 (that's retail – not trade!) the SC-1 is ideal for homeowners, making it possible to open the front gate from anywhere in the country – to let in the plumber or a guest while at work or away from home. It is also the answer for guest house owners who are tired of customers walking off with their remotes! The SC-1 is simple and economical, but it does not offer the number of outlets and caller identification of the more sophisticated and expensive Gizmo and Micro-Com GSM systems. (See Stafix catalogue for more information on these systems.)

MICRO-COM

The Micro-Com SMS Controller is the answer for telemetry triggering and monitoring of devices. The monitor inputs to monitor sensor-based devices via NO/NC. The Micro-Com inputs all the information



on monitor status via SMS to your cellphone. The system is expandable and, by coupling the Micro-Com SMS Controller to an AMF 400 Series Generator Control System, you can activate your generator from literally anywhere on the planet where there is a cell signal.

MINI-COM

The Mini-Com GSM-based Intercom System is wireless innovation at its best. It is ideal for retrofitting to complex intercom systems and for long-range gate automation, security lighting, alarm systems, etc. For example, when a visitor presses your intercom button, the Mini-Com will phone your cell and you can deny or give access via your cell. Micro-Com GSM is also equipped with additional access control interface for domestic or maintenance service access. For ease of installation, the entire system is programmable via your cellphone handset. Micro-Com is expandable up to a 1 000 users.

ELECTRIC FENCING LEGISLATION

UPDATE ON PROGRESS

The Electric Fence and Components Manufacturers' Association and the SANS TC-68 sub-committee have been meeting regularly over the past few years. These bodies are tackling the task of drawing up standards for the electric fencing industry. The EFCMA operates in an advisory capacity and the TC-68 committee in more of an executive role. Placing all the electric fence manufacturers, plus a few installers, together in the same room for a few hours a month can certainly ruffle a few feathers. However, despite all the politicking, court cases, and jockeying for marketing advantage, we are pleased to say that a draft document has been drawn up and is now before the main committee for evaluation. A copy of this document can be obtained on request (\pm 60 pages). However, it will still take some time before the final document is accepted and promulgated.



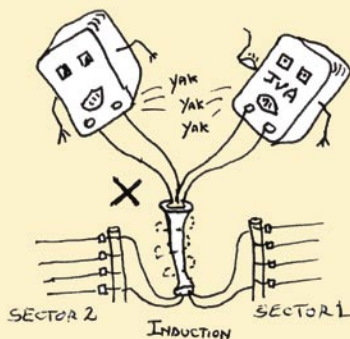
Electric Fence and Component Manufacturers' Association (EFCMA)

TECHNO TIPS

ENERGISERS 'TALKING TO EACH OTHER':

Sometimes, when two or more energisers are in too close proximity to each other, they will influence each other's performance. This phenomenon, often referred to as the energisers 'talking to each other', can cause confusion for inexperienced installers.

For example, when two energisers, powering wires on different fences, run parallel to each other over some distance, energy induction from one – usually the more powerful of the two – can cause the other to fire prematurely. This will result in wildly fluctuating and confusing voltages on the fence lines.



Another common induction problem is caused when the outgoing HT cable from the energiser to the fence line is housed in the same conduit as the return cables from the fence line to the monitor. The voltage that is induced from the outgoing cable into the return cable can result in the energiser monitor not triggering when a fence is tampered with.

Finally, installers who use the same earth pegs for two or more energisers will also encounter problems.



Tip

Always house feed-out and feed-back cables in separate conduits, and never! never! include the communication cables in the same conduit that is housing the HT wires.



Tip

Always earth each energiser, independently, to its own dedicated earth stakes, and make sure that each energiser is well earthed.



Tip

If you experience an intermittent bar graph display on your JVA SX18/28 keypad, simply enter the following code: 3333-04-2. This will reset the unit and the bar graph will work with every pulse.

APOLOGY – Faulty imports

There's a saying: *There are only two types of people who import – those who have been caught and those who will be caught!* We've now joined the ranks of the former. Shaun and Maurice personally visited the overseas supplier to check quality before placing orders. The first few consignments were good, and then wham! We apologise most sincerely to all those dealers who received sub-standard, poorly-galvanised combinationers. While most of these have already been replaced, there still may be some out there. If you encounter a problem, please shout and we'll replace two for one.

Incidentally, besides claiming from the manufacturer, we have, as punishment, also put him on a popular Chinese diet – a bowl of rice with one chopstick!

FITTING A LINE CLAMP

Line clamps are supplied with two washers, and there is a reason for this. When joining two wires, a washer is used to ensure an even, well-distributed, tight connection. The second washer is used when joining wires that have different diameters. If you want to maintain good voltage, especially on long fence lines with many joins, the importance of using line clamps cannot be over emphasised.



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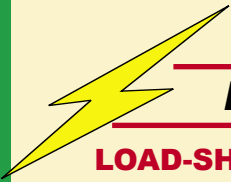
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MAINS OVER/UNDER VOLTAGE PROTECTION PLUG

LOAD-SHEDDING AND POWER SURGE PROTECTION - 'POP' GOES THE ENERGISER

We have all experienced load-shedding and the power fluctuations associated with it. We have even measured voltages in excess of 300 volts. Who knows where it will end? The outcome is that these fluctuations are testing the durability of electronic products to the limit, and energisers are no exception. One way of avoiding the frustration and the time and mileage costs associated with breakdown call-outs is to install a *Mains Over/Under Voltage Protection Plug*.

This device has a digital circuit that senses

both low and high voltages and automatically disconnects both the live (L) wire and the neutral (N) wire but **not** the earth (E) wire, from a power source. Whenever the continuous voltage between any two wires (L-N, L-E, N-E) exceeds a pre-determined voltage of AC, it automatically reconnects the outlet power supply when the voltage returns to an acceptable level.

Installation of an under/over plug with Stafix M36R / M20R and M15R energisers is strongly recommended.



U.S.A. Patent No. 7262945)

PACKING FOR PERTH



iBolt MD, Hamish Stubbs, seen receiving his first Z14 energiser from Ndlovu's Shaun Williamson in Perth, Australia.

While down under, Shaun and Heidi called on former Gauteng installer, Hamish Stubbs, who has recently emigrated and is now running his own business, iBolt, based in Perth. With the certification of the Z14, Hamish is now able to sell these units on his new turf and Ricardo and team packed and rushed a shipment of wall-top products to iBolt, which Shaun personally delivered. Now that's service, or was it just coincidental that the Amabokkabokka were playing in Perth? Whatever the reason, homesick ex-pat South Africans can again enjoy rugby, braaivleis, sunny skies, and wall-top electric fences – just like in the good old days. In our next shipment to iBolt we'll include, free of charge, a load of Amatsotsotsis to help them boost their sales.

The Australian market is very different from the South African market: while product quality is very important, product price is much less sensitive and cost saving is focused on ease of installation and labour reduction. With a minimum wage of Aus \$40,000 a year (R300,000) this is hardly surprising!



GIZMO GSM COMMUNICATOR

The Gizmo is a self-contained GSM communicator, designed to link electronic and electrical items to a cellphone or computer via the GSM network. In other words, it can be used to send information to a cellphone or receive instructions from a cellphone.

These instructions can be used to control lights, alarms, machines, vehicles, systems and equipment.



ROBOGUARD POPULARITY CONTINUES TO GROW & GROW

If you ain't fitted a ROBOGUARD you ain't fitted nuttin yet!

The versatile, quick- and easy-to-fit **ROBOGUARD** wireless security beam system is proving to be an extremely popular external security system amongst homeowners and commercial and industrial users.

With no need for wiring, the manoeuvrability and portability of the Roboguard enables you to reposition it easily to cover different locations, or the same location from a different perspective, thus fooling potential burglars who may have cased your premises.



Keyfob Transmitter



Wireless Keypad



6-Channel Transmitter



Portable Headquarters

OUT and ABOUT



▲ Taking a break during the PMB move, Shaun with Barry Hosford, Dhruv Singh, Richman Mbhele, Thomas Msomi (from Pinetown, lending a hand), Innocent Shabalala and Themba Mbhele.

UNCLE ROB FOR PRESIDENT

Congratulations to Polokwane branch manager Rob Williamson on being elected president of the Capricorn Rotary International Club of Polokwane. Seen here in his chain of office is Rob delivering his inaugural speech. If the way Rob has grown the Polokwane branch is anything to go by Rotary should be in for a bumper year.



TEAM STAFIX TAKE THE CHEQUERED FLAG

There are two types of drivers: those that make dust and those that eat it.



Amid the roar of high-powered, off-road racing cars, and bursting through the mud, the dust and the beer, stormed Alistair Stubbs and Mark De Chalain of *Fence Erect* in their Stafix sponsored dust buster to win this year's prestigious Sun City 400 off-road race. What a race! Anyone who watched it on TV will have been impressed by the skill and courage of these daring young men in their racing machines. Congratulations Alistair and Mark. We're all basking in your reflected glory.

ROYAL SHOW GOLD

It was Gold Medal time again for the KZN Sales Team at the 2008 Royal Show. Thanks to a generous loan of stuffed game animals from Mike Smith of *Capricorn Taxidermy*, and much appreciated support from suppliers: Lourens Roos of *Secu-Cell*, *Centurion Gate Systems*, and Marko Servadio of *MGS Digital Systems*, the team was well equipped to capture gold at this year's Pietermaritzburg Royal Show.



SECUREX 2008

Not to be outdone, the Gauteng team put together a stunning technological display for the Securex 2008 exhibition when they launched the **STAFIX WTX** wireless energiser and the **JVA Z14** security energiser. If the interest shown by trade customers and installers is anything to go by, production facilities are going to be hard pressed to keep up with demand for these energisers.



WELCOME TO NEW STAFF

We take great pleasure in welcoming the following people who have joined our staff since the last issue of *The Trumpeter*:

Micheline Fourie (Admin. & Sales) Nelspruit; Dan Ngomane (Repairs) and Richard Fisher (Stock Control) Jet Park; James Forster (Sales) and Hendrick Olivier (Technical) Pretoria; Alistair Koster (Sales) West Rand; Musa Ngomane (Repairs) and Dewald Smit (Sales) Polokwane; Jonathan Vickery (Sales) Pinetown.