



In Focus

C.R. Kennedy Survey Division Newsletter

Providing the highest quality Survey Equipment to Australia since 1969

Edition 9

October 2009

Leica Viva - let us inspire you



Leica Viva is a new generation surveying system that combines the latest state-of-the-art technologies into an unrivalled portfolio of total stations, GNSS receivers, controllers and onboard software. Encompassing innovative, feature rich functionality with a new, modern and ergonomic design, Leica Viva is easier and more intuitive to use than any of its predecessors, whilst maintaining speed and precision.

Leica Viva GNSS – the most flexible GNSS system: Leica Viva GNSS presents the new Leica GS10 and GS15 that can be used for all GNSS tasks and set-ups for GNSS surveying and construction, be it all -on-the-pole or backpack rover, mounted on a car, quad or boat, or RTK field base station and long term monitoring sensor.

From completely integrated to totally modular solutions, Viva GNSS provides a system that masters all tasks. Leica Viva also provides a complete range of GNSS and TPS solutions. With the unique SmartStation and the versatile SmartPole fewer set ups are required, fewer control points are needed and flexibility and productivity is maximised.



GS15 CS10 CS15 GS10



TPS1200+



CS10

Leica Viva TPS – the fastest Total Station: Leica Viva TPS combines the world's best total station sensors: angles, distances, drives and the patented automated prism search, creating the fastest total station in its class. Leica Viva TPS is equipped with Leica Geosystems' state-of-the-art PinPoint EDM. Users benefit from the most reliable and accurate EDM delivering the optimal balance of range, beam visibility, laser dot size and measurement time.

Leica Viva Field Controllers – rugged with world's first integrated antenna: The Leica CS10 and CS15 are new rugged field controllers that can be used for both GNSS measurements and efficient one-person surveying with Total Stations. Both have a full VGA color touch screen display.

Leica Viva controllers allow an easy equipment setup with the unique "Snap&Go" connection system to start work immediately. Long-range, secure and fast wireless connectivity to Total Stations and GNSS are now supported by the new Leica "intenna" technology. The intenna technology is a completely internal antenna and Leica establishes a world first by fully integrating the total station communication antenna into the controller housing.

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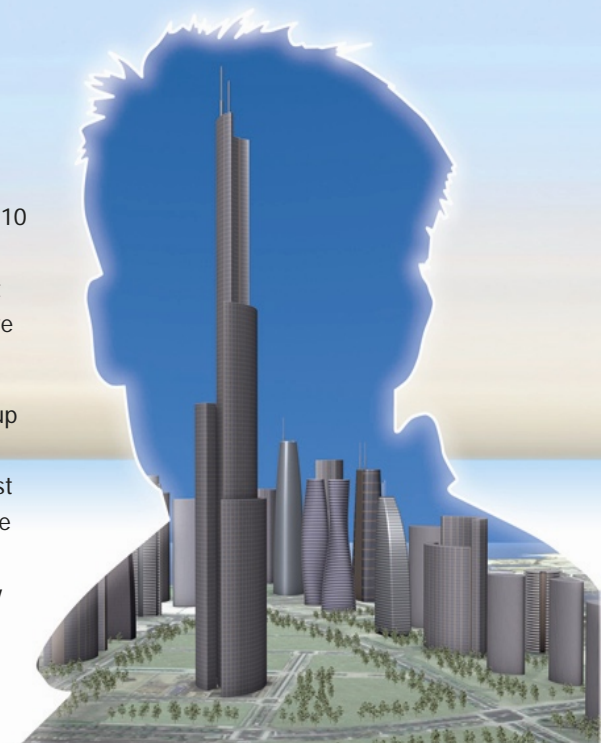
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The Leica Viva controllers integrate a 2 Mpixel camera for convenient field documentation and support a wide range of data storage and transfer capabilities such as wireless LAN, USB, Bluetooth wireless technology and CF/SD-cards.

Leica SmartWorx Viva – productive onboard software for simplicity in the field: The new Leica SmartWorx Viva onboard software provides unparalleled easy and intuitive operation for professionals as well as newcomers. Users benefit from wizards to easily connect the controller to Leica Viva total stations and to setup a total station guided by clear graphics and step-by-step descriptions to minimise training.

Users can decide between the basic version Leica SmartWorx Viva LT with selected functionality or Leica SmartWorx Viva with enhanced functionality. Customers, who initially decide to purchase SmartWorx Viva LT can update the software at any time to the full functionality of SmartWorx Viva.

Increasingly users want to immediately send a finished job back to the office or need data quickly from the office. SmartWorx Viva allows users to easily transfer files to and from the office using the Field to Office connection.

Leica **MyWorld** is the new web portal for instant 24/7 access to product information and knowledge. Customers can use MyWorld to view detailed information about their products and will soon be able to perform easy online software updates. Customers can also keep up-to-date with the latest documentation and training material and even purchase additional software options on-line.

Contact your local C.R. Kennedy representative for full product brochures.



Viva controller

In The Field with Redborough Mapping

Being out on the water, be it the sea, a river or dam, Redborough Mapping's Peter Bailey is a contented surveyor.

The brains behind the first Australian-made amphibious surveying craft Peter provides a unique service to government – local and state, to corporations and the private sector.

A one-man operation Peter has created a surveying system that is also unique. Developed through trial and error over four years and twelve configurations, Peter's amphibious surveying craft is the key to his success. Fitted out with the Leica Geosystems 1200 GPS, Hydrographic and Guidance, Peter has increased his workload by 50%.

Peter says he has been able to take on more work "because I can do the job that much faster than I used to be able to. With the amphibious craft and the Leica 1200 what used to take me two days is now taking me two hours. That's a significant time saving especially when you work on your own".

Peter chose Leica because it "ticked all the boxes - safety, accuracy and speed." He worked closely with Leica's Australian Distributor C.R. Kennedy throughout the installation process. "Kennedy's were great, very keen to understand what I wanted to achieve and help me to get there".



Redborough Mapping specialises in shallow water surveys to 5 metres. A recent project was the Swan Bay Boat Ramp. Peter was commissioned to find an alternative channel. In the shallows the ground is like quicksand. With Peter's amphibious craft he was able to do most of the surveying on land. When the craft began to float he switched to the hydro equipment.

"Swan Bay is just one example where it would have been too dangerous to undertake the job at all. We literally couldn't have done the job without this gear."



Peter Bailey in his amphibious surveying craft



Product Promotions

Introductory Offer
Leica ScanStation C10

Utilise the government's capital purchases tax deduction

JUST \$149,000*

Introductory Price
5 UNITS ONLY

*Ex GST
 Valid until 31st December 2009 or until sold
DON'T MISS OUT



PowerGrade 3D for HIRE

The new, Single Panel 3D PowerGrade system is now available for hire. Vastly increase your productivity for a fraction of the price of a full system purchase.



GPS SYSTEM SALE: Ex Hire and Demo

Complete GPS Systems (Base & Rover) are available from just **\$22,900 ex GST**



The Faces of C.R. Kennedy

Introducing: Mark Hickey

Office: Brisbane, QLD

Title: National Business Manager for Leica Construction and Disto products

Having spent 4 years surveying in Melbourne and S/E Qld and 3 years studying marketing and advertising, Mark managed to

combine these and joined C.R. Kennedy in Melbourne working in construction equipment sales. Mark has since worked in our Sydney & Brisbane offices.

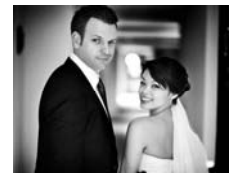
Sadly the Survey Division bids Mark farewell as he embraces his new role as the NSW Medical Manager. Mark will remember his days in the survey division well.

How long have you worked at C.R. Kennedy? Over 11 years

Favourite weekend activity? Hmmm, Golf/ motorbike/ renovations/ friends/ family/ pets/ time with wife - in reverse order of course...

Ultimate job? Ducati test rider!

Dream Holiday? Sailing around the world in a massive yacht.



Mark married Sam in July this year



A True Champion



Successful finish

At C.R. Kennedy we not only support champion products but we also support champion people. Errol Ross, a surveyor who has long used the Leica product basket, is one of those local champions.

Errol might be in his 50's and it is safe to say that he is fitter than most half his age. Proudly sporting the Leica Geosystems and C.R. Kennedy logo's on his suit, Errol recently completed in the World ITU Olympic Triathlon on Saturday 12 September. The event was conducted in conjunction with the ITU World Triathlon Gold Coast Elite Championship Series and Australia came in with a roaring 66 medals in the Olympic and Sprint distance events, topping the table by far against strong teams from the UK and US.

Errol competed an Olympic Triathlon against 80 other athletes in his age (55-59) from USA, Russia, UK, Ireland, France, Germany, Canada, Mexico, NZ, Italy and more. Finishing in the first 3rd Errol intends to wear his tri-suit proudly at events over the next few seasons.

To put things into perspective for those of us who are not so athletically inclined, an Olympic Triathlon combines a 1.5 km swim, a 40 km bicycle race and a 10 km run. To even qualify for an event like this is a feat in itself.

Heavily involved with cycling body Audax Australia, Errol has also completed scores of rides (brevets) ranging from 200kms to 1200kms since 2003. Most notably he completed the Paris-Brest-Paris (1230kms), which attracted over 5000 international riders. It took him 72.5 hours. We get tired just thinking about it.

With the prestigious Woodrup 5000 and several Super Series Awards under his belt, C.R. Kennedy are proud to sponsor Errol. All we can wonder is...what's the next challenge..?



Errol Ross in the run



Tip of the Month

Be aware of your surroundings when using lasers. Remember to think about how you deploy a laser when on a crowded construction site...Lasers are beams of light and can be affected by different surfaces.

This month's tip was provided by Stuart Brown, C.R. Kennedy Qld Office

RDO Training Day: Editing and Importing TPS

If your business uses a 1200 TPS and would like reach the full potential of your investment, then this course is for you. Many users of TPS are not getting the most from Leica Geo Office (LGO). They are simply importing the data and do not know how to edit or all that can be achieved within the software. If this sounds familiar, then this course has been specifically tailored for you.

Realise the full potential of your Leica Geosystems TPS and LGO.

Contact your local C.R. Kennedy office to register.

Venue details and times will be provided closer to the course start date.

Course Content

- ✗ Introduction to LGO to gain an understanding of the software
- ✗ Importing and editing data, including set ups
- ✗ Editing offsets, prism or atmospheric values
- ✗ Shifting, scaling and rotating data
- ✗ Using design to field to upload data to an instrument
- ✗ Background maps

Dates

Perth WA	2nd November 09
Melbourne VIC	7th December 09
Brisbane QLD	7th December 09
Sydney NSW	8th December 09

Cost \$350 p/per

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LESS than \$2m.**

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\$1000 or more.**

Applicable to purchases made between 1/7/2009
and 31/12/2009. Item purchased must be installed
and ready for use by 31/12/2010.

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MORE than \$2m.**

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**With brighter times around the corner,
act now to take advantage of the
Government's stimulus packages, with
significant tax deductions on the
surveying equipment you will need.
Talk to your tax advisor today then
call C.R.Kennedy Survey Solutions to
Gear Up for Growth.**

Control Your World

Hire or Purchase a Leica Geosystems 2D PowerDigger
and get results that are **OUT OF THIS WORLD**

You **WILL** increase your productivity
You **WILL** be more accurate
You **WILL** find it easy to use
You **WILL** be more in control than ever before

Systems can be hired for....
\$400 per week for a basic system
\$500 per week for rotation and tilt

**PLUS we'll match or better any quote
you receive on a comparable system.***



All 2D systems
are easily upgradable
to 3D functionality.



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*Conditions apply

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