

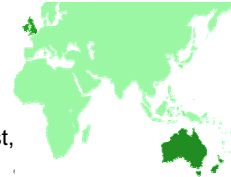


Maser Group News

About Us

Established in 1983, the Maser Group has grown into a multi-national company with offices in Australia, New Zealand, UK and France.

The Maser Group is a diversified distributor of specialised communications products, systems and services to the following market segments: Telecommunications, Broadcast, Defence and Electronic Control.



Current Projects

Vodafone selects Maser

Maser has been selected as the 3G/WCDMA Antenna and general infrastructure products vendor for Vodafone Australia and Vodafone NZ. In association with Kathrein - Werke KG in Germany, Maser will supply all 3G Antennas for the current rollout schedule.



Current Kathrein product rollout will encompass Sydney, Melbourne and Brisbane with the other capital cities to follow Australia wide in conjunction with another mobile carrier.

SIGOS GlobalRoamer Service

Maser launched a new outbound roaming test service for mobile network operators. The SIGOS GlobalRoamer service will be hosted by Maser in both New Zealand & Australia and is part of an international network which will be operational in 33 countries and over 80 networks currently. Expansion is planned to exceed 60 countries worldwide.



Requiring no capital expenditure or equipment, network operators test & verify that voice, voice quality, SMS, MMS, WAP, GRPS, UMTS & data services are available to customers roaming internationally using their own SIM cards. Testing is automatic providing scalable and flexible surveillance via an Internet connection downloaded to an SQL database.



Belden CDT Specialised Distributor

The cable division has officially been named Belden CDT specialised distributor for their Industrial cable range.

This range includes Industrial Ethernet (DataTuff, MediaTuff, TrayOptic), Industrial Twinax (Blue Hose, DataTray), Industrial Coaxial (ControlNet, ControlBus), Industrial Data (DataBus, Fieldbus, Profibus, DeviceBus, RS-485) including all process control and instrumentation cables.

Logitek Consoles for ABC Regional Radio

ABC Radio continues to roll out a national upgrade program for its regional radio stations, including Logitek digital audio consoles and routers supplied by Maser.

Maser has recently expanded its system build and test workshop in Sydney and has been putting the new area to good use; building, prewiring, configuring and testing the audio equipment racks and routers, together with the control surfaces, prior to delivery to site.



The fully tested and configured systems can then be quickly installed, commissioned and brought into service. A total of 11 systems will be delivered by Maser this year, with several already in service.

New Office In France

Maser continues to grow and expand with the opening of a new office in France, where it is expected to reflect the UK operation and help build Maser's presence in the European market.

Heading this new operation is Colin Culver, who was appointed April 3rd as General Manager. Colin previously was Maser's Belden Account Manager, hence he knows Maser very well, as well as the Belden products.

This is a great opportunity for Maser and we wish Colin all the best. *Accueillir à bord de Colin*

Volume 1, Issue

Autumn 2006

In brief:

- To reflect the global presence of Maser, a **brand NEW website** has been launched. The group web address is www.masergroup.com describing Maser's products and suppliers as well as relevant and informative news items.
- First order received from Vanuatu on their GSM 900 network. This represents the first Maser order from the Pacific Rim on **Kathrein Infrastructure products** from the Maser Wireless Group.
- Maser's **defence division** is working in partnership with Australia's leading Defence departments and suppliers, providing Automatic Test and Measurement systems (ATE) for Avionics, Electronic Warfare Systems, Combat Systems, Maritime Test, Engine Test and Management.

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Wireless Infrastructure News

Recent Projects



Commonwealth Games

Maser provided **Kathrein** wideband broadcasting Log Periodic antennas K722341 to 2006 Melbourne Commonwealth Games through Jands Pty. Ltd. which is a company in Audio, Lighting & Staging business areas.

The Kathrein antennas were used in the MCG (Melbourne Cricket Ground) as well as at the Yarra river bank to help transmit audio to the performers' ear-piece during the spectacular opening ceremony as well as closing ceremony.

The Kathrein Logarithmic-periodic broadband directional antennas in fiberglass radome give high side-lobe suppression and high front to back ratio which makes it easier for customers to concentrate the RF energy to the coverage area.

Vodafone selects Maser as 3G antenna vendor

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Kathrein's UMTS antennas

Kathrein displayed special 3G antennas at this year's CeBIT in Hanover, Germany. UMTS (Universal Mobile Telecommunications System) enables high speed data transfer in particular. 'This is a basic requirement for the many complex multimedia applications', explained Prof. Dr. Kathrein, whose engineers and technicians welcomed the representatives of many network operators interested in the UMTS base station antennas.



Introducing Maser's Team

Maser's wireless infrastructure team is bigger and stronger than ever before. Steve Clifton leads the team as the national sales manager for wireless and access solutions.

Liwen Zhang has brought a wealth of international knowledge to the team. Bruce Shearer has the technical know-how to solve almost any RET/antenna problem. Fiona Doust is the admin/logistics coordinator. Esther Maudson is responsible for all marketing activities including this newsletter. Brad Woods is General Manager of the Maser Group.



From left to right:
Liwen Zhang, Bruce Shearer, Fiona Doust, Steve Clifton, Esther Maudson and Brad Woods.

New Product

Maser has introduced the "Affordable, Portable, Ready for the Field" Node B/BTS analyzer - NetTek into Australia and New Zealand.



This Tektronix test tool is a revolutionary portable field tester for fast trouble/interference resolution and easy transmitter verification of cellular, DCS/PCS and 3G/3.5G base stations and Node Bs.

With its modular design, NetTek can also support the antenna/feeder test & backhaul E1 test.



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In brief:

- **Kathrein** have just released the **2006 Base Station Antenna Catalogue**. This is available on line at the Maser website, www.masergroup.com Hard copies and CDs are available from Maser Australia.

- **Kathrein** has released new additional **pipe antennas**, 80010360 which provides a shorter length but with the same gain and tilt as the 80010270. The 80010375 is less than 1.3 meters in length and still provides gain between 14.8 and 15.8 depending on the tilt which extends from 0 to 12 degrees.

- **Kathrein** will be represented at the **Comms Asia** in Singapore in June 2006.

- **Kathrein** supported Maser in providing an engineer for 2 sessions of a 2 day training at Maser office in the **Antenna System Management (ASM) Version 2.0**. This software provides access control of up to 20,000 Central Control Units and full operability of the released 2.0 ASM Software Version.

Contact us today to speak to one of our wireless infrastructure specialists.

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