

# MINIMISE THE RISK FROM YOUR HAZARDOUS WORKSITE



INDUSTRIAL  
REMOTE CONTROL  
SOLUTIONS

# HANDHELD REMOTES

## CM1000

The ControlMaster® CM1000 handheld remote control range is purpose-built for mining and industrial applications. Easy to set up and simple to use, these universal handheld remotes control virtually all electrical functions on most industrial equipment. The ControlMaster® CM1000 is ideal for water cannons, tow trucks, pumps, gensets, retrieval systems and more.

An emergency shutdown switch located at the base of the transmitter ensures operators can quickly turn off a machine if required. Fail-safe radio signal software and control ensures instant output shutdown in the event of a communications failure between the transmitter and receiver to further safeguard operators.

The radios operate on the 800MHz and 900MHz range to provide an industrial, robust, line-of-sight communications link between the transmitter and receiver for a distance of up to 200 metres. No licence required - free to air.

The CM1000 handheld range come in a six digital, 12 digital and six digital and four proportional function control with a fully sealed receiver with optional expansion modules.

The system is available off-the-shelf pre-configured or can be customised to suit all types of machine control applications. Specialised labeling is available on request.

### BENEFITS

- Highly configurable via PC Software
- Disparity checking for safe and reliable operation
- Fail-safe radio with up to 200m operating range
- Modular control up to 16 relays and 8 PWM
- Lithium ion battery providing up to 20 hrs operation
- Quick recharge in three hours

## Remote Control Options



### CM1000 - 12 FUNCTIONS

Designed to effortlessly perform up to 12 digital functions. The hand-held transmitter has a battery life of more than 20 hours of continuous operation and only requires three hours to charge.



### CM1000 - 6 FUNCTIONS

The six digital function hand-held transmitter is ideal for equipment that perform only a few tasks.



### CM1000 - PROPORTIONAL

In addition to providing six digital functions, this remote comes with two proportional paddles to improve machine control.



# PENDANT REMOTES

## MTX1000

The Micro Transmitter (MTX1000) is the latest addition in the ControlMaster® radio remote control range; delivering safe and reliable remote control operation for the industrial and mining markets.

It has been designed with the same operating platform as the ControlMaster® ATX2200 - a leading remote control in the mining industry for the past 20 years. The MTX1000 has the same proven operating system conveniently packaged into an even lighter remote control.

The MTX1000 includes a graphical display, proportional joysticks, dead-man and control buttons for all standard machine controls. It is supplied with the 2.4GHz bluetooth radio that is universal globally. The MTX1000 has a fast recharge time, and the lithium-ion battery ensures continuous operation for more than 16 hours.

The MTX1000 has a strong exterior built to withstand the harshest conditions and at the same time it weighs less than 1.5kg - making it one of the finest remotes available on the market.

The MTX1000 is matched to the MRX1000 and will interface to all machine types.

For machine specific interfacing please contact RCT.

## Remote Control Options



### MTX1000 WITH MRX1000

Compatible with ANY make or model of mobile equipment, this device allows for continuous operation; resulting in increased productivity.

### BENEFITS

- Light weight
- Fast recharge
- Full proportional joysticks
- Clear graphical colour display
- Adaptable across all machine types
- IP67
- 8 proportional outputs (PWM 0-24V and Danfoss)
- 10 digital outputs
- 6 digital inputs for feedback



# PENDANT REMOTES

## ATX1000

The ControlMaster® ATX1000 has been designed for short term line-of-sight tasks, and is suitable for heavy industrial machines including skid steers, mini excavators, small mining loaders and dozers.

The comfort and additional control provided by the low profile proportional joysticks with protective side rails make line-of-sight operation of mobile equipment easier, while enabling the operators to work for a longer period of time.

The ATX1000 meets key requirements for the remote market, both within Australia and internationally, without sacrificing RCT's strong rugged design and operation. This remote is environmentally sealed meaning it can withstand the harshest conditions, making it the ideal choice for improving operator safety in hazardous areas.

It's simple design reduces maintenance and servicing costs and increases remote reliability. The ATX1000 runs on a lithium ion battery and is operational for 16 hours at a time.

The ATX1000 is available in a standard configuration for numerous machines but can be configured for other applications as required.

## Remote Control Options



### ATX1000 WITH ARX1000

The ControlMaster® ATX1000 offers more functionality. It is ideal for the more complex mobile machinery and applications that require the remote to mimic traditional machine control.

### BENEFITS

- The heavy duty, ergonomic, protective side rails increase operator comfort while providing added protection to the console
- Protected internal antenna
- Detailed colour graphical display using internationally recognised symbols
- 16 hour continuous operation lithium ion battery
- Heavy duty impact, dust and weather sealed casing
- Low maintenance
- Practical and straightforward operation
- Compatible with ANY make or model of mobile equipment, this device allows for continuous operation; resulting in increased productivity and safety.



## Skills Training & Support

RCT offers a variety of training courses for all our control and automation systems. Advanced training courses will provide the necessary skills for your maintenance staff to correctly service and carry out first level repairs to ControlMaster® equipment.



## RCT Custom

Got a unique industrial problem that defies technological solutions? Our highly experienced and dedicated RCT Custom team can partner with you to design, manufacture and install fully customised solutions.

More information: [rct-global.com/solutions/rct-custom](http://rct-global.com/solutions/rct-custom)



## Global Support

RCT has traversed all corners of the globe delivering intelligent solutions backed by exceptional support, service and training since the 1970s.

Our team has grown to over 150 committed people working with clients in over 64 countries worldwide, from Australia to Asia, Africa, Russia, North America and Latin America.

We have offices all over the world in order to cater to our clients' needs and requirements on a local level.

RCT is a one-stop, full service company:

- Engineered Smart Technology solutions
- Research and innovation
- Manufacture
- Installation and commission
- Skills training
- Technical support
- Consultancy and audit
- Personalised customer service
- Parts supply





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