ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *KP Electronic Systems RCI5000* at our website: ***Click HERE***

RCI5000™

Radio Comunication Interface





RCI5000 - Reliability Assured !

The RCI5000 provides a reliable and robust means of centralized control and monitoring for medium to large scale projects.
It receives, decodes and transfers messages to complementary software (SAMSON™) offering fully automatic functionality from a single location.
The internal construction of a synthesized radio and high speed processor offers the best long-range wireless solution for a control center. The RCI5000 acts as an interface between the wireless infrastructure and computers, yet enables manual control when the computer fails.

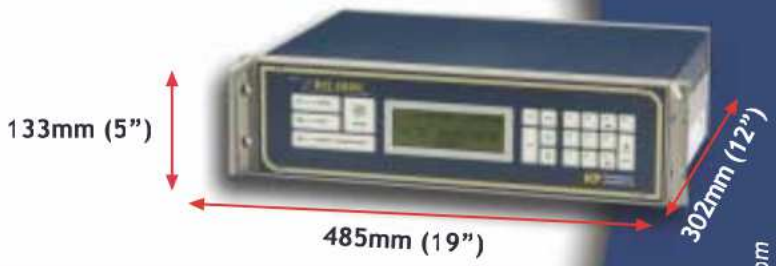
Important Features:

- Remote software programming
- Multi-protocol: receive and transmit different protocols on one unit
- Includes built-in integrated signal strength measurement
- Windows® based General Utility Program GUP5000™
- Rapid interrogation of end-units
- Efficient use of protocols
- Fast baud rate between the RCI and PC
- PC alerts of RCI status
- Backup historical memory of previously received messages per channel
- Modular design enables expansion
- Supports A4 printer
- Supports USB, COM and parallel ports
- Multi-radio channels - up to four transceivers
- Illuminated control panel and large LCD display
- Built-in self calculation of interrogation time of remote end-units
- Synthesized internal radios allow easy and rapid frequency changes
- Can work with up to four different external radios or up to two internal radios

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KP ELECTRONIC





Specifications

Model	RC|5000™
General	
AC Power Input	110 VAC/220 VAC, 60/50Hz (switch selectable)
AC Current Consumption	0.4 @ 220 VAC; 0.8 @ 110 VAC
Backup Battery	Internal 12 VDC, 7 AH Sealed Lead Acid (not supplied)
DC Current Consumption	250mA DC - operating in battery backup mode
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Storage Temperature	-25°C to 55°C (-13°F to 131°F)
RF Transceiver	
Internal	1-2 Internal Transceivers, 5/2 Watt, VHF/UHF, 5ppm, 136-174 / 405-512 MHz, (IATS100™ Based)
External	Up to 4 External Transceivers (EXR5000™ BSR100™ Based)
Digital Encoding / Decoding	
Protocols	LARS™, LARSI™, LARS +™, LARS ++™, WAT-NET™, RCMS™
Modulation	FM, FSK, DFM
TX Format	Bursts of messages with repetition
Address Capacity	Protocol dependent: - LARS, LARS+: up to 32,000 - LARS I, LARS I+, LARSI++: up to 64,000 - WAT-NET™: up to 1 million - RCMS™: up to 2,048
Digital Display	20 x 4 characters "1" LCD, 4 Dual color LED
Communication Port	RS232, USB, Serial / Parallel printer
Parameter Selection	Fully programmable using: - PC dedicated software via RS232 / USB port (GUP) - Front panel 16 keys Keypad + LCD
Signal Strength Measurement	
Dynamic Range	0.1 - 2.0µV
Displayed Range	0.5 - 2.0µV
Physical Dimensions	
Size	19", 485 x 133 x 302 mm (2U)
Weight	8kg, 18 Lbs (without battery)

www.kpsystems.com

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

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