DTRCI5000™
LONGRANGERF

DESKTOP RADIO COMMUNICATION
INTERFACE

Multi-protocol: receive and transmit different protocols on one unit

Synthesized radios allow easy and rapid frequency changes

Supports A4 printer

Seamless interface to KP SAMSON™ Monitoring Software

Fast baud rate between the DTRCI5000™ and a PC

Programmed by a Windows - based General Utility software (GUP 5000™)

Backup historical memory of previously received messages

Modular design

PC alerts of DTRCI5000™ status

Software programmable

Password protection option

Includes built-in signal strength measurement

USB,COM and parallel ports

Illuminated control panel and large LCD display

Standard Ademco 685 serial communication

DT RCI 5000

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Sys OK   00/00 00:00
          <CONF>

KP ELECTRONIC SYSTEMS LTD

A compact, easy-to-install, radio transceiver interface with multifunctional capabilities that complement KP's radio control monitoring systems and networking equipment.

No better way to undertake control and monitoring tasks using cost effective, practical equipment that exceeds the market standards.

The DTRCI5000™ features and benefits offer reliability and quality in a complete package.

The DTRCI5000™ achieves unmatched processing and communications speed using a field-proven BSR100™ external radio and a superior highly advanced CPU design.

Specifications

GENERAL

AC Power Input	16-24 VAC from wall plug transformer
AC Mains, Current Consumption	0.5A
Backup Batery	Internal 12 VDC via external DC plug
DC Power Input	12-14 VDC, 2.6 AH Sealed Lead Acid
DC Current Consumption	250mA DC (operating in battery backup mode)
Operating Temp.	-0°C to 50°C (-32°F to 122°F)
Storage Temp.	-25°C to 60°C (-13°F to 140°F)

RF TRANSCEIVER

External	1 External Receiver (EXR5000™ or BSR100™)

DIGITAL ENCODING / DECODING

Protocols	LARS, LARSI, LARSII MEGA-NET,™ RCMS™
Modulation	FM, FSK and DFM
Address Capacity	Protocol dependet: LARS: up to 32,000 LARSI, LARSII: up to 64,000 MEGA-NET: up to 1 million RCMS: up tp 2,048
Digital Display	20 X 4 characters "1" LCD, 4 Dual color LED
Communication Ports	RS232, USB, Serial / Parrallel printer
Parameter Selection	Fully programmable using: PC dedicated software via RS232/USB port Front panel 16 key keypad + LCD

STANDARDS

Dynamic Range	0.1 - 2.2 µV
Displayed Range	0.5 - 2 µV

PHYSICAL DIMENSIONS

Weight	3.1 kg (6.8lbs) [without battery]
Size	275mm x 270mm x 105mm (10.8"x10.6"x4.1")

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KP
WIRELESSDATASOLUTIONS