

# KENTA

The specialist of Radio Frequency Communication systems

## KROIP-A091-1

One Channel Radio IP Interface  
For GMDSS Applications

The **KROIP-A091-1** is the ideal product for interfacing a radio network (transmitters, receivers or transceivers, antenna matrices...) with a control center via an Ethernet IP based network. It is flexible and can be adapted to any receiver, transmitter or transceiver manufacturers such as TAIT, TEN-TEC, Barrett, Elman...(just to name some of them), as well as any control center software based on IP distribution and contribution.

The **KROIP-A091-1** can interface up to one element.

The **KROIP-A091-1** is controlled by a web interface and has an SNMP agent as option.

The **KROIP-A091-1** has 2 x 600Ω balanced analog transmit and receive audio pairs by default. Radio keying is possible through solid state contact closure (Tx Key; Rx Gate). The control and supervision of the transmitters and receivers can be done through 2 x RS232/RS485/RS422 interfaces.

The **KROIP-A091-1** supports audio and DSC, VoIP (SIP) audio encoder and decoder are standard and DSC encoders and decoders can be delivered as options.

The **KROIP-A091-1** product is fully integrated inside a 19" - 2U rack with with power supply from 100/240 VAC - 50/60Hz (with +12VDC possibility), for an easy installation on site. LEDs on the front panel indicate basic status information.

## KROIP-A091-1



### Technical Specifications

**Audio:** Rx / 600Ω; Adjustable from -20 to +6dBm  
Tx / 600Ω; Adjustable from -20 to +6dBm  
Tx Key & Rx Gate  
VoIP with SIP - ED137B  
RJ45 connector

**Control & Monitoring :** Ethernet 10/100BaseT  
RJ45 connector  
Web & SNMP control & monitoring  
Protocols : HTTP ; HTTPS ; FTP ; TFTP ;  
UDP ; RTP ; TCP ; NTP ; SNTP, SNMP

**RS Interface:** RS232; RS422; RS485  
Connector: DB9

**Mechanical:** 19" -2U rack

**Power Supply:** Single Phase 110-220VAC - 50/60Hz;  
+12VDC

**Power consumption :** 20W

**Weight:** 2,5 kg

**Temperature:** -20°C to +55°C

**Humidity:** < 90%

### Options

- DSC Encoder

- DSC Decoder

### Main Ordering Information:

~KROIP-A091-1

Radio IP Interface

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KROIP-A091-1 Product Datasheet  
Specifications subject to change without prior notice  
Document with no contractual value