

## **DRCip - IP BASED DESKTOP RADIO CONTROL UNIT**

### **KEY FEATURES**



- LCD Colour Touch Screen
- Analogue line signalling
- IP Connectivity
- Handset, Headset and Desk Microphone Options
- Additional Accessory Port
- RS232 data Port
- Audio Recording output
- User Configurable
- SIP telephony built in

### **IN BRIEF**

The DRCip control unit is housed within an ergonomically designed compact and robust case with a vertically mounted 7 inch LCD touch screen and is complete with a telephone style handset and external power supply unit.

Based on a Linux operating system the DRCip is a powerful and unique communications controller. It can control base stations from all the leading manufacturers using conventional four wire analogue technology as well as providing IP control of suitably equipped base stations using Ethernet. The unit will also act as a desktop controller to the AWCSL TRICX IP based communications switch.

All of the features are only possible with the DSP technology employed within the DRCip, which can accommodate customer specific requirements with the minimum of disruption.

### **FEATURES**

The DRC-IP has the capability to access up to five IP connected radio base stations as well as a conventional line connected base station. The DRCip controller is ideally placed for connecting to modern digital communications systems such as TETRA and DMR as well as to analogue systems.

Full selective calling capability is available including a call stack, emergency calls, with user selectable tone formats and call alert tones. The DRCip supports common headset working for taking radio and telephone calls with the ability to interconnect these calls. To control analogue base stations the DRCip can be user programmed for direct DC connection for local control, 300 baud FSK signalling, Tone Remote or proprietary FFSK line signalling.

User customised operation includes the facility for alpha tagging of radio channels, Radio Identities and status messages. The DRCip supports 256 channel tags, 10,000 Identity tags and 1,000 status messages.

## PROGRAMMABLE KEYS

The 7inch LCD touch screen dramatically improved the usability of desktop controllers. It ensures that the keys needed for a specific task are presented in an intuitive way. Keys can be configured as static or dynamic ensuring the user always has access to specific functions. Several hard buttons are available for common functions such as Push To Talk.

## RECORDING FACILITY

Included with the standard features of the DRCip is a local tape record output port. This facility is designed for an instant record and play back device with play back available from either the headset or handset. Both radio and telephone audio is presented to the tape port.

## CONNECTORS

- Base station Port
- Desk Mic Port
- Auxilliary Port
- Ethernet RJ45
- Handset Port
- RS232 Data Port
- Common Headset
- Headset Port
- Footswitch Port
- Tape Recording Port

## FUTURE PROOF

In common with all AWCSL products, the DRCip with its inherent flexibility can be used as a stand alone desk top dispatch controller. Similarly, it can be used in the more complex switched based control room applications by connection to the TRICX switch equipment. This unique design concept ensures that the family of control equipment from AWCSL is flexible and the most cost effective solution available today.

## OPTIONS

A range of operator options are available with the DRCip including operator instruments and accessories. The controller can be supplied with a desk microphone as an alternative to the headset or handset. A footswitch can also be used in conjunction with the alternative operator instruments. Using the RS232 connection the DRCip can interface to equipment using serial protocols such as PEI, MAP27, Nexedge etc. Please contact AWCSL for availability.

## SPECIFICATIONS

Power supply: 12volts 1 amp dc

Dimensions: 250(h) x 220(w) x 120(d) mm

Line interface: 4wire -2 to -22dBm.

Record Level: -10dBm

Auxilliary Level: -10dBm

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