

Using The DRC-1 With The DS32 Switch.

Appendix to the DRC-1 configuration guide.

The DRC-1 carries the code for both stand-alone operation and to act as a switch workstation. The installer simply needs to configure the DRC-1 for switch operation and allocate radio channels to the operator button sets.

When the DRC-1 is configured for switch operation, the display is different to that offered in the stand-alone mode. The display and key functions are explained later in this document.

Configuration.

To set the DRC-1 for switch operation.

Press [menu] to select the menu system, and scroll down to *Install Menu*. Press

[menu] to select the installation menu, and scroll down to *Emulation Mode*.

Press [menu] to access the emulation modes and scroll down to *DRC Switch I/F*. Press [menu] to select this option, and then press [clear] [clear] [clear] to leave the configuration mode.

At this point the DRC-1 will display *Starting Switch Comms* as it attempts to log onto the switch system. If you are not connected to a switch at this time, this display will not change and the only operative button on the unit will be the menu key.

If at this time you are connected to a switch, then after *Starting Switch Comms* is displayed the unit will log onto the switch and a message indicating your operator number on the switch will be displayed, followed by the normal operating display.

Capacities.

The DRC-1 presents seven channels to the operator. When newly configured, no channels are associated with the seven channel buttons provided on the DRC-1. The installation engineer now has to allocate channels to buttons. These choices can be readily overwritten by the operators when the system is operational.

It should be noted that :-

On systems, which have greater capacity than seven channels, it will become necessary to divide the total complement of radio channels between operators. If it is desired to have all channels available to all or some operator positions, then the PC based front-end system can be added at any position. Please speak with our sales department for further information on the PC based operator station.

The System provides a broadcast facility by allocating the broadcast function to channel seven during configuration. When broadcast has been allocated to channel button seven, then only six channels (buttons 1-6) are available to the operator as individual channels, and all channels (1 to 6) are simultaneously accessed when channel seven is selected.

There is no check when allocating radio channels to DRC-1 operator buttons that those channels actually exist. We recommend that a copy of the switch configuration file is printed out and made reference to when allocating radio channels to buttons.

Channel Allocation

The DRC-1 must be connected with the switch for channel allocation to be accomplished.

Press [menu] to access the menu system and scroll down to *Set Radio Channel*. Press [menu] to select this option and two options are now available being *Set Base Channel* and *Set Console Channel 1-7*. Scroll down to *Set Console Channel* and press [menu] to select this item. The display now shows numbers 1 to 7 on the top line, these are the operator channel buttons 1 to 7. The lower line will display the radio channel number allocated to the operator channel buttons above.

To allocate a radio channel first enter the number of the operator channel key you wish to program. I.e. if you wish to allocate a channel to key 1 then enter [1]. The display will now indicate *Console Channel 1 Radio Port nn*, where nn is the radio channel number. To allocate channel six enter [06] [menu] the display will then revert to 1-7 on the top line and 06 will appear below 01 to indicate that channel six is allocated to operators channel button one.

Channel button seven can be allocated any radio channel, but is the only channel button which can be allocated channel 99. Channel 99 is the broadcast facility and will select all of the radio channels programmed into channel buttons 1-6 **on that workstation**.

Continue allocating channels to buttons until you have the DRC-1 programmed as you wish. Press [clear] [clear] [clear] to leave the menu system. You now have the option to allocate alpha tags to channels. Allocating alpha tags can provide for a more informed operator display.

Channel Alpha Tagging.

To set an alpha tag to a channel press [menu] to access the menu system and scroll down to *Set Channel Tag*. Press [menu] to access this menu item. The display will now show *Channel Number - - -*. Enter three digits for the channel to be tagged e.g. 001 [menu]. The channel number now appears next to *Tag:* in the display. Use the alphanumeric keys to enter up to eight characters and then press [menu] to enter your tag and [clear] to return to the operational display. Whilst entering digits and alpha characters using the clear key at any time will remove that last entered character.

Other Features DRC-1

All of the other features of the DRC-1 remain available and are programmed as described in the main configuration document.