

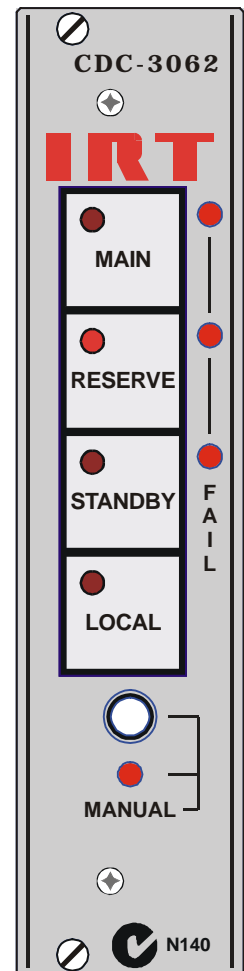
Priority Switch Controller Type CDC-3062

Features:

- **Automatic operation.**
- **Selection of main / reserve / standby priority.**
- **Local / remote control of all functions.**
- **Remote and local status information.**
- **Audio fail override facility using IRT AG-738 audio detector.**
- **May be used for audio only applications.**

The front panel indicators and controls provided are:

- **Fail LED's on the main, reserve and standby paths.**
- **Indication of the priority source selected.**
- **Indication of the ON AIR source.**
- **Auto/manual enable indication.**
- **Push buttons for priority selection of sources in auto mode and direct selection of manual mode.**



General:

The CDC-3062 is a video presence detector which also provides logic and switching control circuitry for interfacing to IRT 700 & 3000 series video and audio switchers.

The main use for the controller is to provide control of transmission link paths and to provide alarm and status information to centralised monitoring facilities.

The video signals of the *main*, *reserve* and *standby* paths are monitored, with an indication provided to show the loss of the input signal.

Any of the *main*, *reserve* or *standby* paths can be selected as the priority path and, provided a signal is present, this selection will be the ON AIR source.

If the priority selected path should fail the unit will provide control signals to select another input.

Where a failure occurs on *main*, *reserve* and *standby* inputs then the system will select the *local* input.

Once any input signal is restored the system will switch back from the *local* signal to an input signal, with the priority selected input having precedence when more than one input signal is available.

CDC-3062 Technical Specifications

Inputs:

Video

Type 3 x loop through
Connector BNC

Extended failure

Type 3 x opto isolated failure override.

Control - IRT 3000 series switcher interface.

Type 5 bit BCD coded parallel TTL level.
Number 1 "input" & 1 "output".
Connectors Plug in 10 pin dual IDC.

Manual override

Type 1 x opto isolated manual / auto toggle.

Outputs

IRT 3000 series switcher interface As above.
IRT 700 series switcher interface TTL level

Alarm tallies

Function Auto mode enabled
Main present
Reserve present
Standby present
Main has priority
Reserve has priority
Standby has priority
* Main tally
* Reserve tally
* Standby tally
* Local tally
* Not available when using 700 series switchers.

Type TTL level or
Open collector transistor 100 mA @ 30 Volts.

Power Requirements:

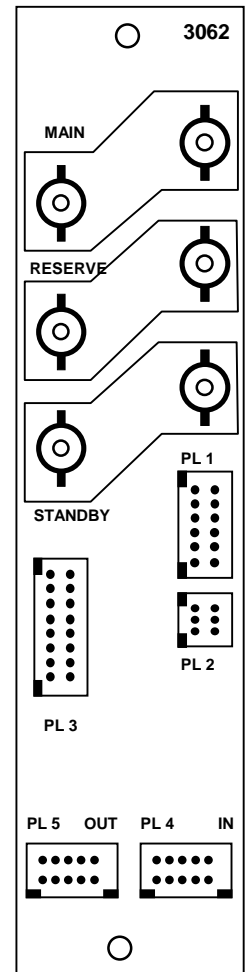
Power consumption 28 Vac CT (14-0-14) or ± 16 Vdc.
<3 VA

Other:

Temperature range 0 - 50° C ambient
Mechanical Suitable for mounting in IRT 19" rack chassis with input output and power connections on the rear panel

Finish: Front panel Grey enamel, silk-screened black lettering & red IRT logo
Rear assembly Detachable silk-screened PCB with direct mount connectors to Eurocard and external signals

Dimensions 6 HP x 3 U x 220 mm IRT Eurocard
Standard accessories Rear connector assembly.
Optional accessories Instruction manual
TME-6 module extender card.



Due to our policy of continuing development, these specifications are subject to change without notice.

Detailed specifications available from:

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