IDA CORPORATION

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August 14, 2013

Dear IDA customer,

Subject: RLC (Repeater Logic Controller) – EOL announcement

This is to advise that the series of RLC's will be discontinued due to a number of obsolete parts. Orders can be placed until September 16, 2013. If, however, we do not get enough orders to justify a last time build, we will reserve the right to cancel the small amount of orders received. Otherwise, we will be doing a last time build, and expect to be shipping orders by end of November of 2013.

The part number for what is available to order is: 431-RLC-M00. The data sheet can be found on IDA's web site at: http://www.idaco.com/pdffiles/RLC.pdf . The option of CWID and Validation are no longer available.

Please work directly with IDA's Sales Administration team to ensure orders are placed properly and within the predefined timeframe. Your business and cooperation is greatly appreciated and we apologize for any inconvenience that this action may cause.

Please feel free to contact our Sales Administration team with any questions you may have regarding this.

Best regards,

Steve Lee
Director of Manufacturing

IDA CORPORATION *The Way for 2-Way*

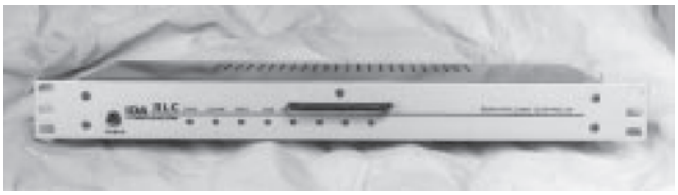
RLC LTR®
Repeater Logic Controller

Designed to provide economical LTR® format logic control of most any 800, 900, 450 or 220 MHz repeater, the IDA Model RLC represents a significant price breakthrough. Never before has LTR® been so affordable. When purchased with IDA's superior sounding interconnect, the RLC becomes an even greater price/performance value.

The microprocessor-controlled RLC was designed to function as the controller of an SMR trunking repeater.

The RLC monitors the repeater channel for a mobile transmission. If a mobile begins transmitting, the RLC decodes the subaudible data containing the mobile's ID, places the information on the repeater data bus, and begins to send the handshake to the mobile. If there is an ID validator on the system, and the mobile is invalid, the RLC will invalidate the mobile using either Quick or Normal validation. If the ID is valid, the handshake will be completed and the mobile will be able to use the repeater.

when the repeater is busy with a mobile transmission, the RLC sends subaudible information to all the other mobiles assigned to the repeater, telling them which repeater is to be used.



CROSSBUSY CIRCUITRY is a standard feature of the RLC. The crossbusy feature allows LTR® format truncking on "Non-Exclusive" channels. Designed to protect against causing Co-Channel interference, the crossbusy feature of the RLC will not allow LTR® mobile radios to transmit or "step on" co-channel users if activity is detected. The LTR® mobiles are trunked to an open channel if available. If an open channel is not available, the trunking system is considered busy and the busy indication is sent to the LTR® mobile. In addition, this feature allows LTR® trunking mobiles and conventional mobiles to co-exist on the same repeater. The RLC is merely installed along with the existing conventional panel. When a conventional mobile is using the channel, the RLC will trunk the LTR® mobile to another available repeater.

To provide maximum efficiency, when trunking "non-exclusive" channels it is best to limit the home channel or channels to LTR® only.

OPTIONAL: System wide validation and billing data collection

If constructing a new LTR® site is in your plans or just adding more channels, you owe it to yourself to check out the RLC. Call the friendly sales staff at IDA and learn how affordable "logic" can be.

EFJohnson TECHNOLOGIES · HARRIS · ICOM · KENWOOD · MIDLAND · MOTOROLA · RELM WIRELESS · tait communications · Vertex Standard

Features & Capabilities

- Quick invalidation which doesn't handshake with an invalid mobile, so that an invalid mobile cannot keep the repeater busy
- Supports both EF Johnson RDB and UNIDEN RNDL bus
- Second sync mode which acts as a backup to the primary sync unit on the repeater data bus
- Capable of transmitting FCC system ID
- Switchable polarity of sub-audible data and COR signals
- Selectable hang time for loss of COR and loss of mobile data
- Time out timer for continuous transmission
- Alarm input for site monitoring
- Crossbusy circuitry is a standard feature allowing the RLC to share the same repeater with a conventional tone panel. Converts your conventional channels to LTR® trunking format, at the same time allowing the channels to be used by existing conventional mobiles.
- Switchable enable/disable of the idle repeater message.
- System wide time and hit counter
- System wide remote validation option

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