

REDCOM SLICE® & SLICE® 2100™ Magneto Interoperability

Tested with wide variety of magneto phones/switchboards

- ▶ Programmed for either standard or magneto operation
- ▶ Supports DTMF re-ring



OVERVIEW

REDCOM's SLICE® and SLICE® 2100™ V3.0 and higher have been tested with a wide variety of magneto phones and magneto switchboards. The SLICE is software-selected per circuit to operate with magneto phones or magneto switchboards (SB-22 or SB-3614). REDCOM has tested with:

- TA-312 magneto with and without DTMF keypad, in CB, LB, CB-S modes
- German "Standard Elektrik Lorenz", serial/model/stock no: 12-120-4847 in LB mode
- SB-22A switchboard in LB mode (for the switchboard as a station to the SLICE)
- EE-8 magneto in LB mode

In addition, REDCOM customers have tested the SLICE with:

- Racal 2000 in several modes
- TA 838

The SLICE also supports "DTMF re-ring" from the network to a magneto line so that a call to a magneto line causes one ring cycle to be sent at connection. The caller can then send DTMF tones to re-ring the magneto line (for additional ring cycles until answered, or to get attention in the middle of a call).

STANDARD LINE OR MAGNETO

The SLICE Line/Trunk Module, Type 1, MA0730 provides 10 combination standard line/magneto lines (Type M lines), 2 ISDN BRI-S lines, 2 LSRD/GSRD analog trunks, and two combination 4-wire trunks capable of SF(Single Frequency) or E&M operation. The analog lines can be individually programmed for either standard line or magneto operation.

MAGNETO LINE/TRUNK FEATURES INCLUDE:

- Magneto crank-on (ring-on) and crank-off (ring-off) operation for supervision, with ring-off confirmation tone
- DTMF detection on-board (for those magneto phones so equipped)
- Warm line service. This service provides dial tone to an originating line for a timed period, allowing the local DTMF equipped magneto phone to dial directly. If the timer expires (no DTMF digit dialed), the call is then routed using the off-hook service (OHS) digits previously stored for the line.
- Automatic line release via distant party supervision, with disconnect notification tone to magneto line
- Magneto trunk operation (for inter-switchboard operation to SB-22 switchboard)
- Either tone or announcement to:
 - originating caller terminating to magneto line
 - terminating caller from originating magneto line
- Ability to program
 - any line port for magneto or standard line operation
 - the magneto line for magneto trunk operation
- Ability to re-ring a magneto phone with either the original ring generator sequence used on the call (standard, coded, precedence), or with a "button-down" ringing signal. The button-down feature includes a capability to allow network devices that provide a short timed DTMF digit, like cell phones, to generate a standard ring signal to the magneto phone. The re-ring control digit can be changed via administration.
- Three selectable far-end disconnect options for the local magneto line (require ring-off, disconnect immediately, wait for ring-off timed disconnect)
- Ability to suppress special ring signals (call forward, etc.) for magneto lines (to prevent confusing indications to users)

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