

LIBERATOR 'S'

ISDN Conversion Products



Liberator 'S' Highlights



Compact low-cost ISDN Converter, Switch, Emulator or Mux

- Supports 0, 1, 2 or 3 PRI/E1/T1 ports
- Supports 0, 4, 8 or 16 BRI ports
- "S/T" BRI interfaces (see TD-010 "DUO" for "U" BRI interfaces)
- NT and TE combinations for port presentation
- Support for ETSI or ANSI PRIs and BRIs
- Power Feed option available for BRI NT ports
- Complete cross-connect ability between all PRI and BRI "B" channels
- Tone generation (dial, ring, busy, N/U)
- E1 to T1 ISDN conversion option
- Drop and Insert capabilities
- Least Cost Routing/Time of day scheduling
- Route by DDI/Sub-address and CLI
- Call detail records and over 5000 event log
- Supports CLI pass-through and local CLI generation (aids billing identification)
- Incoming and outgoing number and format conversion
- ISDN line monitoring facility to display Layer 2 and 3 messages
- Easy to configure via intuitive GUI
- Unit management/configuration done locally, across a LAN or via ISDN call
- Remote software uploads and upgrades (password protected)
- Compact size, 1.2kg weight
- 19" Rack-mount kit available
- See TD-015 Liberator SIM for ISDN simulation applications

See Technical Datasheet TD-009 for more information

ISDN PRI BRI converter

- Deliver local PRIs and BRIs from a single PRI connection
- Build multiple BRI network lines into local PRI
- Ideal for video conferencing ISDN sharing and connectivity
- Supports most ISDN inter-connection applications

ISDN concentrator mux

- Combine and cross-connect BRIs and PRIs

VoIP migration tool

- Simplify ISDN use and reduce costs when migrating to VoIP
- Number translation and other features aid migrating to IP-PBX or VoIP gateways
- Enables use of PRI Gateways where only BRI is available

Free spare cable pairs to buildings

- Carrier product to deliver multiple PRI and BRI down a single pair to free up capacity for other services

Deliver multiple services to customer sites down low-cost circuit

- Carrier product to deliver multiple PRI, BRI and Fractional E1 using a single circuit

Drop and Insert multiplexer

- Low-cost T1/E1 G.703/4 mux
- Additional capabilities to support switched access

Least cost routing

- Route between two or more carriers
- Carrier pre-select facility (utilising number conversion function)

ISDN simulation

- Simulates an ISDN network for lab testing & equipment demonstration (see TD-015)
- From as few as 4 BRIs or 1 PRI through to 16 BRIs and 3 PRIs
- Low cost and easy to use

Additional Applications:

Need more PRI or BRI ports or a centralised hub? See Patapsco's DB120 chassis

Liberator is VERY flexible. Call to discuss your solution

LIBERATOR 'DUO'

ISDN Conversion Products



Liberator 'DUO' Highlights

Compact low-cost resilient ISDN Converter, Switch, Emulator or Mux

- 19" rack-mountable chassis
- Dual "hot swappable" PSUs
- AC/DC PSUs in any combination
- Supports 0, 1, 2, 3 or 4 PRI/E1/T1 ports
- Supports 0, 4, 8, 12 or 16 BRI ports
- "S/T" BRI interfaces both network and user
- "U" interfaces both network and user
- NT, TE and LT combinations
- Support for ETSI or ANSI PRIs and BRIs
- Power Feed option for BRI "S" NT and "U" LT ports
- Complete cross-connect ability between all PRI and BRI "B" channels
- Tone generation (dial, ring, busy, N/U)
- E1 to T1 ISDN conversion option
- "A-Law" to "u-Law" conversion
- Drop and Insert capabilities
- ISDN line monitoring facility to display Layer 2 and 3 messages
- Least Cost Routing / Time of day scheduling
- Route by DDI/Sub-address and CLI
- Call detail records and over 5000 event log
- Supports CLI pass-through and local CLI generation (aids billing identification)
- Incoming and outgoing Number and format conversion
- Easy to configure via intuitive GUI
- Unit management / configuration done locally, across a LAN or via ISDN call
- Remote software uploads and upgrades (password protected)
- Compact size, 2.6kg weight



ISDN PRI BRI converter

- Deliver local PRIs and BRIs from a single PRI connection
- Build multiple BRI network lines, "S" and/or "U" into local PRI
- Ideal for connecting video conferencing systems
- Use PRI to deliver local BRI "S" & "U" interfaces
- Supports most ISDN inter-connectivity applications

ISDN extension

- Drive BRI ports across large distances using "U" interfaces (typically up to 6Kms)

ISDN concentrator mux

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ISDN simulation

- Simulates an ISDN network for lab testing & equipment demonstration (see TD-015)
- From as few as 4 BRIs or 1 PRI through to 16 BRIs and 3 PRIs
- Low cost and easy to use

Resilience

- Auto-switching between ports
- Dual load-sharing PSUs for critical applications
- Optional AC/DC feeds

Additional Applications:

Need more PRI or BRI ports or a centralised hub? See Patapsco's DB120 chassis

Liberator is VERY flexible. Call to discuss your solution