

Parlay LCR i30

The Powerful Digital Least Cost Routing Controller



The Parlay LCR i30 is the reliable, small size and multiple protocol ISDN Primary Access (30 Channels) Router. Besides the advanced Routing Features, it offers Value Added Features like

- True Tariff Advice of Charge
- Call Statistics
- Call Details Logging

With the Parlay LCR i30 Routing Controller, Operators and Service Providers are able to

- route large quantities of out-bound calls through their network
- provide their customers with sophisticated Value Added Features

The customers cut phone costs and make use of the value added services without having to change their calling behaviour.

The Routing Controller is installed „between” the customer ISPBX and the Network Terminator (NT) of the ISDN Line Provider. You can connect the Parlay LCR i30 to any Euro ISDN Primary Rate Access connection.

The Parlay LCR i30 routes calls by analysing the dialled numbers.



The advanced routing table determines how calls are routed, based on destination, type of service (data/voice), time of day and day of week.

The Parlay LCR i30 supports all ISDN services. Programming is typically carried out remotely from a maintenance centre. Reliability and ease of service are a.o. achieved through the built-in Protocol Analyser for ISDN layer 1, 2 and 3 diagnostics.

Key Features

- Connection to ISDN PRA
- Analysis of outgoing calls and routing to alternative Network Operators
- Re-routing, in case of busy network etc.
- Transparent connection of incoming calls
- Support of all ISDN services
- „Call-home” function for automatic maintenance
- D-channel protocol analyser (on-site and remote) for diagnostics and troubleshooting
- Fall back to PTT/ISDN Line Providers in case of power down

- Passwords and number verification are used to restrict remote and programming access

Optional Functions

- Detailed Advice of Charge Information, adapted to actual call routing and tariffs.
- Detailed Call Logging for in- and outgoing call handling evaluation and customer support.
- Call Detail Recording for billing purpose etc.
- DTMF and tone receivers (i30-A)

Parlay i30 is based on Partner Voxstream's reliable ISDN and digital dialler technology. Ten thousands of Partner diallers perform their duty, day after day, all over Europe.

For Operators and Providers, Parlay i30 is an ideal solution for building up long lasting relations with their valuable customers.



Parlay LCR i30 – The High Capacity Least Cost Routing Controller

| Feature | Description |
|---|--|
| ISDN approval | TBR4/A1 |
| German approval (1TR6) | BZT D 128 929 H |
| Swiss approval | BAKOM 97.0415.I.N. |
| French additional requirements | Compliant |
| U.K. DASS 2 approval | BABT/97/5058 |
| Swedish CAS approval | 96101810 |
| Size and weight | 290 x 205 x 40 mm, 1.25 kg |
| External connectors | 75 Ohm unbalanced BNC 120 Ohm balanced RJ 45 |
| Built-in power supply | Input 230 V +/- 15%, 50 Hz |
| Power consumption | Max. 10 VA |
| Temperature | 5-50°C – No direct sunlight |
| Humidity | 10-95% relative humidity, non condensing |
| Number of B-Channels | 30 |
| Power fail-safe routing to PTT/ISDN Line Provider | Yes |
| Bearer capability, line switched | As given by the ISPBX |
| Protocol analyser for diagnostic | Yes, layer 1, 2 and 3 |
| Serial port for direct PC connection | Yes |
| Remote connection | Yes, via any 64 kbit B-channel |
| Password protected | Yes |
| One site access to the Routing Controller | Yes |
| Remote access to the Routing Controller | Yes, via X.75 ISDN modem |
| Call home | Yes, to programmable numbers at programmable intervals |

| Feature | Description |
|---|---|
| Carriers with CLI authorisation supported | Yes |
| Carriers with PIN authorisation supported | Yes |
| Number of carriers supported | 50 |
| Max number of search table entries | 1000 |
| Capable of sending callback hangup sequence | Yes |
| Drop/reseize to change routings | Yes |
| Call routing statistical counters | Yes |
| Time of day/day of week routing | Yes |
| Operating mode | Point to Point |
| Supplementary services | As given by ISDN or ISPBX |
| Carrier types supported | Pure ISDN calls (single stage) ISDN to carrier, then DTMF (two stage) Callback carrier Voice only, pure ISDN call (single stage) |
| Compatible with virtual private networks and leased lines | Yes |
| Detects carrier progress tones or DTMF tone on answer | Yes („A“ versions only) |
| Engineer diagnostics | Visual |

Reservations are made for adjustments of specifications and printing errors.

