CooVox U50/U100
4BRI Module Datasheet

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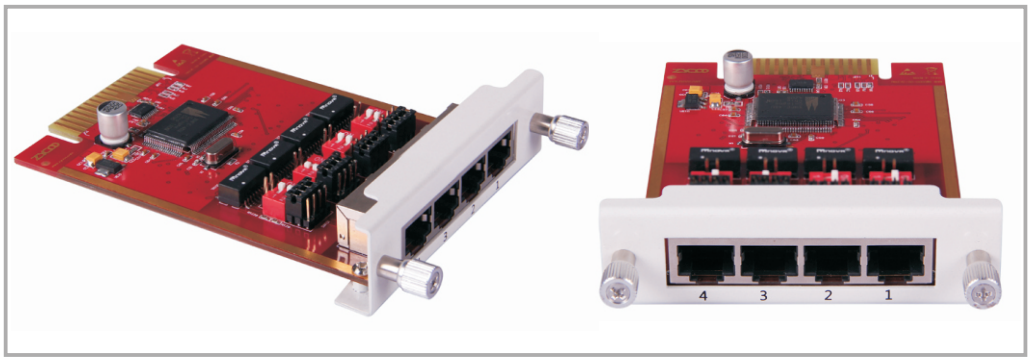
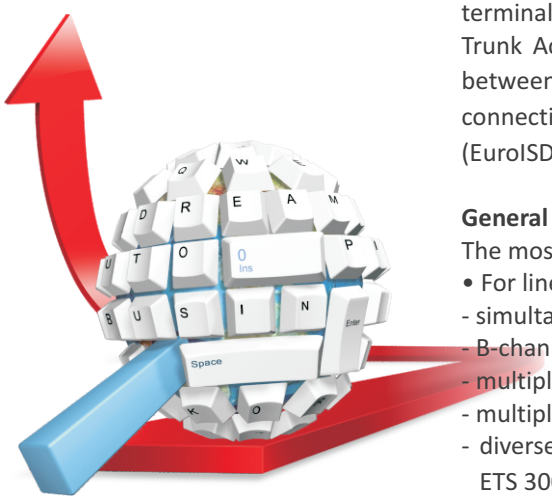


ISDN Basic Rate Interface(BRI) overview

ISDN Basic Rate Interface (ISDN BRI) is a digital connection that provides three digital channels. These channels consist of two 64 kbps Bearer channels (B-channels) and one 16 kbps signaling channel (D-channel). This 2B+D connection is known as a Digital Subscriber Loop (DSL). The DSL can be configured to provide line access, trunk access, or packet data transmission.

Line Access provides a digital connection from a system ISDN BRI card to ISDN terminals that comply with CCITT, ANSI, ETSI NET-3 and ETS 300 403 (including EuroISDN), INS NET-64 (including Japan D70), National ISDN-1 (NI-1), 1TR6, and Numerics VN2 standards; examples of terminals are telephone sets, FAX machines, personal computers, and video display terminals.

Trunk Access provides Meridian Customer Defined Network (MCDN) TIE trunk connectivity between Large and Small Systems,QSIG ISDN BRI trunk connectivity, and CO/DID trunk connectivity to local exchanges that support Numeris VN3, 1TR6, ETSI NET-3 and ETS 300 403 (EuroISDN), INS NET-64 (including Japan D70), Australia ETSI, and Asia-Pacific protocols.



General ISDN BRI capabilities

The most important capabilities of ISDN BRI are:

• For line access

- simultaneous voice and circuit-switched data over a single DSL
- B-channel and/or D-channel packet data transmission over a single DSL
- multiple physical terminals connected to a single DSL
- multiple logical devices associated with each DSL
- diverse ISDN-compliant third party terminals (compliant with CCITT, ANSI, ETSI NET-3 and ETS 300 403, INS NET-64, National ISDN-1, 1TR6, Numeris VN2, and EuroISDN standards)

• For trunk access

- MCDN ISDN BRI TIE trunk connectivity
- QSIG ISDN BRI TIE trunk connectivity
- CO/DID trunk connections to local exchanges that support Numeris VN3, 1TR6, ETSI NET-3 and ETS 300 403 (EuroISDN), INS NET-64 (Japan D70), Australia ETSI, and Asia-Pacific protocols

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4BRI module supports CooVox-U50/U100 IP Phone system with 4 ISDN BRI ports. Each port has one LED(Light-Emitting Diodes), which is assembled on the mainboard.
The Red LED indicates port status:

>Solid Red= TE Model

The Green LED indicates port status:

>Solid Green= NT Model

If the LED is off, the module is loading failure.

Notice:
4BRI module can not be inserted to SLOT 2 of U50

Environmental Operation Information

-Temperature: 0-40 degrees Centigrade
-Humidity: up to 95%, non-condensing

Physical Dimensions

76x116 Millimeters

Certifications

CE/FCC/RoHS

