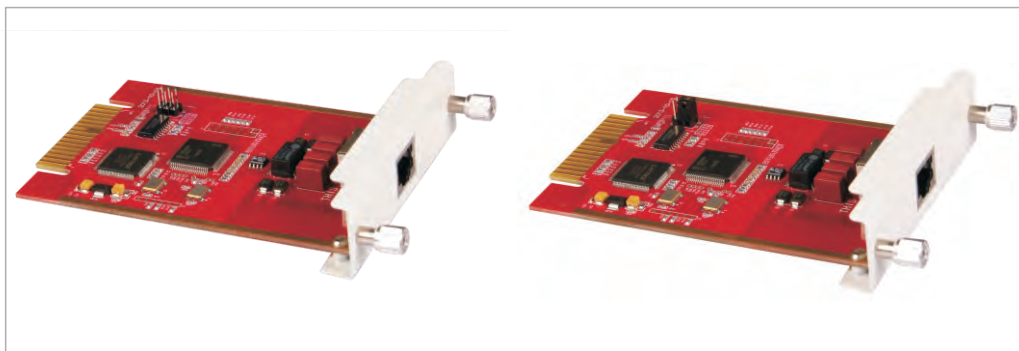




# CooVox V2 1PRI Module Datasheet



The Primary Rate Interface (PRI) is a standardized telecommunications service level within the Integrated Services Digital Network (ISDN) specification for carrying multiple DS0 voice and data transmissions between a network and a user.

PRI is the standard for providing telecommunication services to offices. It is based on the T-carrier(T1) line in the US and Canada, and the E-carrier(E1) line in Europe. The T1 line consists of 24 channels, while an E1 has 32.

PRI provides a varying number of channels depending on the standards in the country of implementation. In North America and Japan it consists of 23xB (B channels/be/s). In Europe and Australia it is 30xB + 1xD on an E1 2.048 Mbit/s. One timeslot on the E1 is used for synchronization purposes and is not considered to be a B or D channel.

Primary Rate Interface for large organizations with 30 bearer channels and 2xD (D channel(delta channel)) (23 64-kbit/s digital channels + 1 64-kbit/s signaling/control channel) on a T1 (1.544 Mbit (PRI)), for larger applications. Both rates include a number of B-channels and a D-channel. Each B-channel carries data, voice, and other services. The D-channel carries control and signaling information.

The Primary Rate Interface (PRI) consists of 23 64-kbit/s B-channels and one 64-kbit/s D-channel using a T1 line, often referred to as "23B + D", (North American and Japanese standard) or 30 B-channels and two D-channels using an E1 line (Europe/rest of world), often referred to as "30B + 2D". A T1 Primary Rate Interface user would have access to a 1.472-Mbit/s data service. An E1 Primary Rate Interface user would have access to a 1.920 Mbit/s data service. Larger connections are possible using PRI pairing.



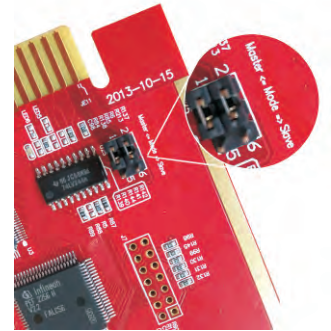
1PRI module applies to CooVox U80, U100V2, U100V1 and U50V1 IP Phone system with one port. This port has four LEDs(Light-Emitting Diodes), which is assembled on the mainboard.

**Notice:**

The jumper on the CooVox U80, U100V1 and U100V2 is on the "Slave" mode;

The jumper on the CooVox U50 V1 is on the "Master" mode;

1PRI Module CANNOT be inserted to SLOT 2 of U50V1.



The LED 1 indicates port status:	The LED 2 and LED 3 indicates port status:
<ul style="list-style-type: none"> <li>•Solid Red= Module loading succeeded</li> <li>•Off= Module loading failed</li> </ul>	<ul style="list-style-type: none"> <li>•L2 Solid Red/ L3 Off =CPE signaling</li> <li>•L2 Solid Green/ L3 off= NET signaling</li> <li>•L3 Solid Red/ L2 Off= Mfcr2 signal</li> <li>•L3 Solid Green/ L2 Off= SS7 signaling</li> <li>•Off= No signal</li> </ul>
The LED 4 indicates port status:	
<ul style="list-style-type: none"> <li>•Red= Disconnected/ Alarm</li> <li>•Green= Connected/ No alarm</li> </ul>	

**Environmental Operation Information**

Temperature: 0°C ~ 40°C

Humidity: 5% ~ 95% Non-Condensing

**Physical Dimensions**

88.5 x 132 mm

**Certifications**

CE / FCC / RoHS