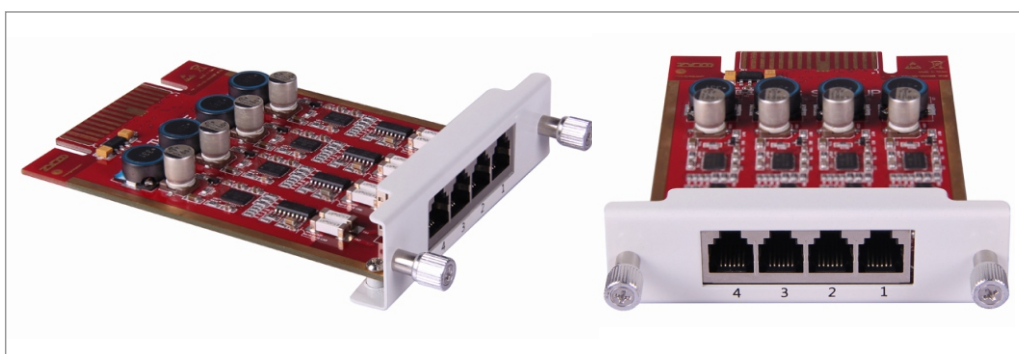




# CooVox-U50/U100 4FXS Module Datasheet



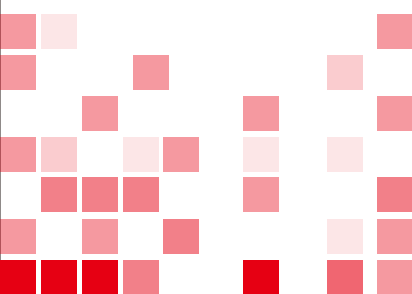
## FXS (Foreign Exchange Station)

FXS is an interface that connects to a station, such as an analog telephone or the FXO interface of another PBX. It provides ringing voltage and battery to the FXO devices. FXS interfaces are used on the inside of your PBX; they do not connect directly to the PSTN. One FXS channel is required for each telephone that you wish to connect to your Asterisk system.

The Analog Station FXS board provides connectivity to standard analog phones. Typically, a phone is connected to a station interface and is, by default, in an on-hook state. When the phone goes off-hook, the phone completes the line circuit and current flows through the line.

The Analog Station Interface provides the following features:

- Ring Generation and Ringing Trip
- Loop Closure Detection
- Loop Disconnect
- Loop Reversal
- Loop Voltage and Current Monitoring
- On-hook and Off-hook Transmission
- Hook-flash Detection
- DTMF Signalling
- Programmable Audio Gain
- On-board Power Generation
- Constant Loop Current: 20mA



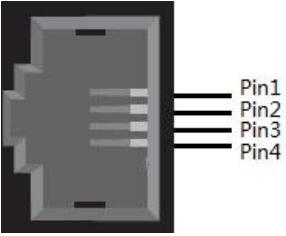
The 4FXS module supports CooVox-U50/ CooVox-U100 IP Phone System with 4 RJ11 ports for line connection. Each port has one LED(Light-Emitting Diode), which is assembled on the main board.

The Green LED indicates port status:

- >Solid Green= Module loading successful
- >Blink Green= Channel Ringing

All four ports on zycoo 4FXS module bracket are 6P4C RJ11 ports. The pin assignments are indentified in Tabel 1.

Table 1: RJ11 Telco Port Connector

	PIN	Description
	1	Not used
	2	Tip
	3	Ring
	4	Not used

**Notice:**

Long term operation of FXS will cause some malfunction and affect the system reliability; to avoid any malfunction and assure reliable, the FXS module forced-air cooling is mandatory.

**Environmental Operation Information**

Temperature: 0°C ~ 40°C

Humidity: 5% ~ 95% Non-Condensing

**Physical Dimensions**

88.5 x 132 mm

**Certifications**

CE / FCC / RoHS