



◆ 16 channel voice E1 PCM Mux (Desktop Type)

➤ Features

- Based on proprietary integrated circuits;
- Alarm status can be monitored on the end;
- E1 interface complies with G.703, all-digital clock recovery
- Support FXO voice port FXS ports and ports, EM2 / 4 audio interface, FXO port and PBX docking port and the user is connected to FXS telephone;
- 16 channel voice access, support caller ID function and reverse polarity billing functions;
- Support Telephone Number mutual function of each site;
- E1 signal can be detected as a barrier to the end device is lost or shut E1;
- Provide two kinds of clock ways: E1 master clock, E1 line clock;
- Provides three kinds of loopback: E1 local loopback (ANA), the Ethernet interface to the remote loopback (DIG), command peer Ethernet interface to the local loop (REM);
- There are pseudo-random code test function (PATT), to facilitate the opening line, which can be when one of E1 BERT to use;
- E1 can support $N * 64k$ ($N = 1-32$) rate, that rate is adjustable from 64K-2048K;
- Multiple power mode options: AC220V, DC-48V / DC24V, etc;



➤ Introduction

This device is a desktop type which provides telephone outputs 1-16, Equipment electrical part for the whole digital circuits, machine reliability, stability, low power consumption, high integration, small size, easy installation and maintenance. Many customers are telecommunications operators E1 leased lines used in computer networking, this equipment can be rented at the E1 line opened a few road phone, you can make free calls between headquarters and branch offices of this.

➤ Specification

FXS Phone Interface

Ring voltage	75V
Ring frequency	25HZ
Two-line Impedance	600 Ohm (pick up)
Return loss	40 dB

FXO Switch Interface

Ring detect voltage	35V
Ring detection frequency	17HZ-60HZ
Two-line Impedance	600m
Return loss	40 dB

E1 Interface

Interface Standard	comply with protocol G.703;
Interface Rate	N*64Kbps ± 50ppm
Interface Code	HDB3;
E1 Impedance	75Ω (unbalance), 120Ω (balance);
Jitter tolerance	In accord with protocol G.742 and G.823
Allowed Attenuation	0~6dBm
2/4 wire Audio Interface	
AD gain	0db
DA gain	-3.5dB
line Impedance	600 Ohm (pick up)
Return loss	20 db
Other	
Power supply	AC180V ~ 260V; DC - 48V; DC +24V
Power consumption	≤10W
Dimension	216 mm(W)×140mm(D)×31mm(H)
Weight	1Kg
Operating temperature	-10 °C ~ 50°C
Storage temperature	-40°C~80°C
Humidity	5%~95% (no condensation)
Warranty	3years

➤ Ordering Information

Model NO.	Description
E1-MUX04	4 Voice POTS over E1,voice support FXS or FXO,power AC220V or DC48V
E1-MUX08	8 Voice POTS over E1,voice support FXS or FXO,power AC220V or DC48V
E1-MUX12	12 Voice POTS over E1,voice support FXS or FXO,power AC220V or DC48V
E1-MUX16	16 Voice POTS over E1,voice support FXS or FXO,power AC220V or DC48V
E1-MUX30	30 Voice POTS over E1,voice support FXS or FXO,power AC220V or DC48V

➤ Application

