

Asteroid - the channels bank for Asterisk



Asteroid can be used for attaching up to 30 telephone lines to the traditional PBX or to the Asterisk/CallWeaver. It can be connected to the traditional PBX with the help of E1 interface. Connection with Asterisk can be made through Ethernet port, using TDMoE protocol.

The main features

- 30 FXO or FXS channels
- Ethernet or E1 connection to the Asterisk server
- Hardware echo canceller
- Several channel banks can be attached to one server
- Point to point mode, if Asterisk server is not used

Asteroid order codes

Item	FXS ports	FXO ports	E1	HW echo canceller
Asteroid-0L4S	30	0	-	-
Asteroid-4L0S	0	30	-	-
Asteroid-1L3S	22	8	-	-
Asteroid-0L4S-EC	30	0	-	+
Asteroid-4L0S-EC	0	30	-	+
Asteroid-1L3S-EC	22	8	-	+
Asteroid-0L4S-E1	30	0	+	-
Asteroid-4L0S-E1	0	30	+	-
Asteroid-1L3S-E1	22	8	+	-

Technical characteristics

General parameters	
Dimensions	430x250x45 mm
Weight	3 kg
Power consumption	50 wt
Ambient temperatures	+5°C to +45°C
Storage and transportation temperatures	-40°C to +70°C
Humidity	Less then 80%
Power voltage (AC socket)	220V +/- 20%
Ethernet	
Connector type	RJ45, 8 pins
Cable type	Symmetrical twisted pair (UTP)
Data transmission speed, mbit/s	100
Corresponding standard	IEEE 802.3
Work modes	Duplex, Half duplex, Auto negotiation
FXS/FXO ports	
Coding	PCM A-law (ITU-T G.711) PCM μ -law (PUB-43801)
Nominal signal level	0 dBm +/- 0.5 dB
Nominal line impedance	600 Ohm
Echoed signal (300..3400 Hz), FXS	Less than -20 dB
Echoed signal (300..3400 Hz), FXO	Less than -12 dB
Gain-frequency variation (respectively to 1 kHz) in range 300..3400 Hz	+/- 1 dB
Noise level	Less than -47 dBm
Loop current (FXS)	20 mA
Ring voltage (FXS)	100 V (peak-to-peak), 25 Hz

Delivery

- Asteroid, console and power cable
- CD disk with manual
- Warranty ticket
- Package box with dimensions 52x30x8 cm

Warranty

Parabel ltd guarantee free of charge product repair or replacement during 2 years, starting from date of purchase.

Supplier

PARABEL LIMITED

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