



# SL-Professional

## Professional devices of multichannel conversation recording

### Purpose

Creation of highly reliable conversation recording for an unlimited number of different channels.

### General characteristics

SL-Professional is made as a standard device of 19" rack mount format and are designed for installation in a 19" rack / shelf or for on-table installation. The height of this device is 1U (5cm). The unit is operable with any type of PC and can be connected via USB bus. SL-Professional has a module architecture and is easily scalable depending on the required number and type of channels. One device is able to support all available channels at once.

High reliability of SL-Professional is achieved by stand-alone mode modules, by self-diagnostics and self-recovery. The device remains fully operable even in case of failure of the managing computer.



### Types of connected lines (sources)

- Analogue telephone lines
- Internal digital telephone lines of exchange (ISDN BRI)
- Digital trunk channels / T1/ PCM 30
- IP-telephony lines (along with SL-IP)
- DECT channels
- Fax message transmission lines (along with SL-FAX)
- Microphones
- PLAY/LINE OUT jacks
- Special sources

### Features

- External device in 19" RACKMOUNT format, of 1 Unit height, or on-table installation
- From 4 to 40 analogue and/or digital channels or 2 E1 / PCM 30 channels per unit
- Support of any number of different sources in a complex installation
- Autonomy in case of connection loss to the managing PC
- Remote access and monitoring of the complex state
- Operation of special functions of PBX
- Flexible configuration and scalability
- Serviceability

### Technical features of SL Professional

Design	External in a 19" RACKMOUNT, 1Unit height, or on-table
PC-Interface	USB
Number of channels per unit	From 4 to 40 analogue and digital channels or two E1 channels
Stand-alone operation	Supported
Phantom power supply for microphones	Yes / 8-10V, up to 20mA
Operation with SMDR, CTI-Link exchange	Yes
Operation with special functions of exchange	Yes
Connection to sources	Parallel



Frequency range	300-3400 Hz, 300-8000 Hz (variable)
ADC Capacity for analogue channels	16 bit
ANI	Can be switched off, passive or active, Caller ID
Compression algorithm	ADPCM, GSM, MPMLQ (option)
Support of external digital interfaces	S/T, UpOe, Upn ,G703, E1, T1, PCM-30 ...
Compatible protocols	ISDN BRI, SS-7,ISDN PRI, R2 MFC, R2 DTMF, R1,5, Q931, QSIG, EDSS-1 ...
Supported exchanges	Avaya Definity, Siemens HiCom, HiPath, Nortel Meridian, Mercator, Matra, Ericsson MD-110, BusinessPhone, Telrad, Alcatel, ECI Coral, NEC NEAX, Panasonic, LG, Starex, Harris, Millenium, Samsung Quant etc.
Supply voltage	220 V, 50 Hz
Power consumption	Max. 40 Wt
Size	430mm X 248mm X 50mm
Weight	~5 kg

## SL-Ethernet

**Autonomous units for recording of conversations with an Ethernet-interface for geographically distributed systems**

### Purpose

Creation of geographically distributed systems for recording of conversations with a single management and data center.

### General characteristics

SL-Ethernet is made as an autonomous unit that can be connected to the controlled lines and that sends all information to the managing computer via local or global network. SL-Ethernet does not need to be served on the site where installed, does not store information on adjacent computers and provides for a full control from a single management centre over itself and the information transferred. In case of disconnection of the network or the remote recording server, SL-Ethernet is capable of storing information in the autonomous unit and of transmitting it once connection is restored (valid for devices with a SL-PRAU unit).

### Types of connected lines (sources)

- Analogue telephone lines
- Internal digital telephone lines of exchange (ISDN BRI);
- Digital trunk channels E1/ T1/ PCM-30;
- Fax message transmission lines (along with SL-FAX);
- Microphones;
- PLAY/LINE OUT jacks

### Features

- Autonomous operation in a remote site
- Transmission of information via computer network and storage to a remote managing computer
- Fully remote control
- Saving and storage of information in case of disconnection of the managing computer
- One managing computer can support several devices
- maintenance-free

**SL-Ethernet devices are an ideal solution for documentation of conversations on geographically distributed sites.**

### Technical features of SL Ethernet

Design                                      External compact device or as a 19" rack mount







PC-interface for the remote PC	Ethernet
Number of channels per unit	from 4 to 32 , or one E1/PCM-30 channel
Stand-alone operation	Continuous
Phantom supply for microphones	Yes / 8-10V, up to 20mA
Operation with SMDR	Yes
Operation with special functions of exchange	Yes
Connection to sources	Parallel
Frequency range	300-3400 Hz, 300-8000 Hz (variable)
ADC Capacity for analogue channels	16 bit
ANI	Can be switched off, passive and active, Caller ID
Compression algorithm	ADPCM
Support of external digital interfaces	S/T, UpOe, Upn ,G703, E1, T1, PCM-30 ...
Compatible protocols	ISDN BRI, SS-7,ISDN PRI, R2 MFC, R2 DTMF, R1,5, Q931, QSIG, EDSS-1 ...
Supported exchanges	Avaya Definity, Siemens HiCom, HiPath, Nortel Meridian, Mercator, Matra, Ericsson MD-110, BusinessPhone, Telrad, Alcatel, ECI Coral, NEC NEAX, Panasonic, LG, Starex, Harris, Millenium, Samsung Quant etc.
Supply voltage	220 V, 50 Hz
Power consumption	150 Wt
Size	327mm X 408mm X 116mm
Weight	~7 kg

## SL-Compact

### Autonomous audio registrar

#### Purpose

Recording of audio data (sources: telephone calls, microphones, PLAY/LINE OUT jacks) in an independent mode without any operator or computer involved.

#### General characteristics

Audio registrar SL-Compact is a fully autonomous and externally compact recording device for audio data from digital and analogue telephone lines and microphones. Recording is realized onto a removable digital storage device Compact Flash or onto a connectable external hard disc. The device has ANI and Caller ID functions.

#### Types of connected lines (sources)

- Analogue telephone lines
- Internal digital telephone lines of exchange (ISDN BRI)
- Microphones
- PLAY/LINE OUT jacks

#### Features:

- Recording of simultaneously up to 8 channels
- Recording to removable digital storage
- Transfer of data via removable storage, computer network or USB (option)
- Permanent independent operation without the managing computer





- Long-term autonomous operation
- Small size 210x120x35mm

**Audio registrar SL-Compact supports and can be integrated with all types of exchanges..**

**Technical characteristics of SL COMPACT**

Design	External compact device
Number of channels per unit	from 2 to 8 recording channels
Max recording time	to the removable disc Compact Flash 4Gb - above 500 h, to the external hard disc 120Gb - above 15000 h
Power supply	Power supply from Ethernet (PoE, IEEE 802.3af) or 220 V, 50Hz
Phantom supply	For microphones - 8-10V, up to 20mA
Autonomous operation	Fully autonomous
Operation with SMDR exchange	option
Connection to sources	Parallel
Frequency range	Frequency range 300-3600 Hz, 300-7200 Hz (variable)
ADC Capacity for analogue channels	16 bit
ANI	Can be switched off, passive and active, Caller ID
Compression algorithm	ADPCM
Compatible protocols	ISDN BRI
Supported exchanges	Avaya Definity, Siemens HiCom, HiPath, Nortel Meridian, Mercator, Matra, Ericsson MD-110, BusinessPhone, Telrad, Alcatel, ECI, Coral, NEC NEAX, Panasonic, LG, Starex, Harris, Millenium, Samsung, Quant
External digital interfaces	S/T, UpOe, Upn
Input resistance AC for analogue channel	not less than 2 M Ohm
Sampling rate for analogue channels	8 KiableHz, 16 KHz (var)