OM CallRecording USB 2-ANALOG

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Description / Features

OM CallRecording USB 2-Analog is a call recording device for two analog phone lines or two audio signals. The lines are passively tapped with a high impedance circuit. The device performs DC voltage measurements to detect line states like on-hook, off-hook or ringing. Both, the audio data and voltage information is transferred to the PC via a USB cable, which is also used to power the device. Software on the PC uses the line voltage information and audio samples to detect active calls. The device can obtain caller ID information using DTMF or V.23 modem data and decodes DTMF or pulse dialing. The presence of a call can be detected by either analyzing line voltage variations or by identifying speech activity.

OM CallRecording USB 2-Analog has 4 multi-color status LED's which indicate

- Device activity,
- The line power state,
- The line ring state,
- On-hook / off-hook state,
- And the presence of caller ID.

The small form factor and rugged enclosure make OM CallRecording USB 2-Analog suitable for stationary and mobile use.

Use Cases

Call recording is important for a number of industries and service providers.

- Financial institutions need to provide prove for any orders placed or any contracts closed during a phone call.
- Professionals providing consulting services in legal matters or health care may be liable for miscounseling and a recording of the phone call could help to document the conversation.
- Call centres may need to demonstrate to their clients that the quality of their customer communication is indeed high.
- Operators of emergency phone numbers (police, fire brigade, ambulance) are legally required to record any emergency calls.
- Taxi operators or pizza delivery services may find it useful to document their calls for later reference.
- Phone system maintenance and installation personnel can use the device to find any faults quickly.

The legal requirements for call recording are different in each country. Please seek legal advice to implement call recording in a lawful way.

Technical Data

Device Package Contents	• OM CallRecording USB 2-Analog call recording device • CD-ROM with call recording software and user manual • Printed Quickstart Manual • USB cable • 2 analog cables
Dimensions	76 mm x 55 mm x 19 mm
Weight	64 g
Interfaces	Two analogue interfaces
Impedance	> 10 MΩ DC, > 10 kΩ AC
Connector	2x RJ11 Western Modular
Tests	Power, caller-ID, on-/offhook, ring pulse
Caller ID	DTMF (before/after first ring), V.23 (before/after first ring)
Operation Modes	Voice activated, public line, private line
USB	1.1 and 2.0 (full speed)
USB Socket	USB Type B
Power	< 90 mA
LEDs	4 x red / green
Sampling Frequency	8000 Hz
Certificates	CE, RoHS, WEEE

Computer Requirements

Operating System	Windows Vista® Windows Server® 2008 Windows 7® Windows Server® 2008 R2 Windows Server® 2012 Windows 8®, Windows 8.1® (32 and 64 bit) Windows Server® 2012 R2 Windows ® 10 Windows Server® 2016
Disk Space (software)	30 MB (excluding .Net runtime)
Disk Space (call recordings)	60 ... 480 KB / minute per channel and call
Processor Clock	> 1500 MHz
USB	1 external USB port

Article	Art.-No.
OM CallRecording USB 2-Analog (TAE); call recording solution for 2 analog lines, contains USB call recording device and call recording software	RFX.55312
OM CallRecording USB 2-Analog (RJ11); (international) call recording solution for 2 analog lines, contains USB call recording device and call recording software	RFX.55313

Connection Diagram