

**The technological innovation applied to a classic telephone service
... and much more!**



High sound power, acoustic and visual signaling, adjustable

SIP Call Repeater in LAN network with customizable tones and sounds

The IP-SIP AD639SR loudspeaker, in IP56 enclosure, is part of a series of TEMA loudspeakers to be connected in a standard LAN network and is particularly suitable as a SIP repeater for incoming overtime telephone calls. The system has a considerable adjustable sound power and is activated when an incoming call arrives and emits tones or audio files pre-recorded in its memory, easily replaceable, according to the need, via web browser. With the system are supplied several sound files of ringtones and alerts that can be loaded remotely.

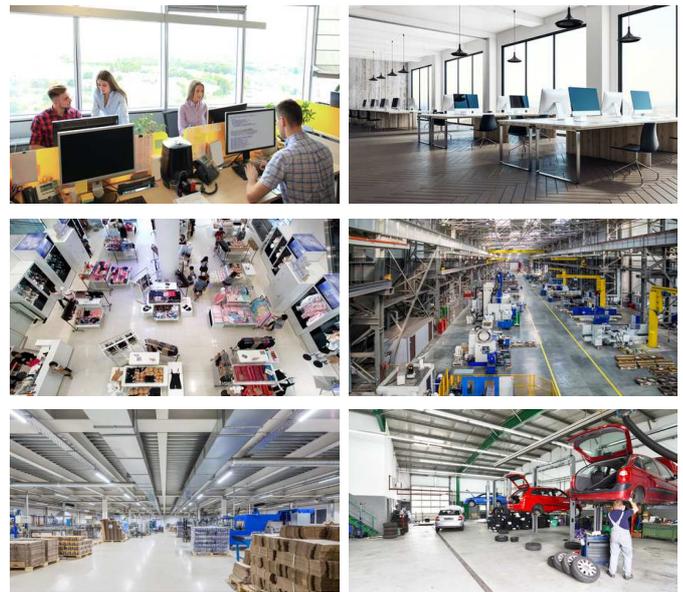
AD639SR is equipped with an auxiliary input for an external command, for example the entrance bell, to signal the visitor with a different sound from that of the telephonic call. It also integrates 2 programmable relays to activate external light indicators or other devices.

The system can be equipped with a multi-colored LED light to add an optical signal to the acoustic sound. Alternatively, various optical devices are available, including Xenon Flash, directly driven by the AD639SR device.

The installation simply consists of connecting AD639R to the LAN and registering it on an IP-PBX in the "Night" ringer group. The power supply can be supplied on the same UTP network cable by a PoE switch, or by an external 230Vac power supply in the Tema catalog, in this case the sound power will be higher.

Integration with VoIP SIP phone systems

AD639SR can be perfectly integrated with VoIP telephone systems (IP-PBX) with SIP protocol and can be registered as a regular VoIP phone or P2P Peer to Peer without a PBX.

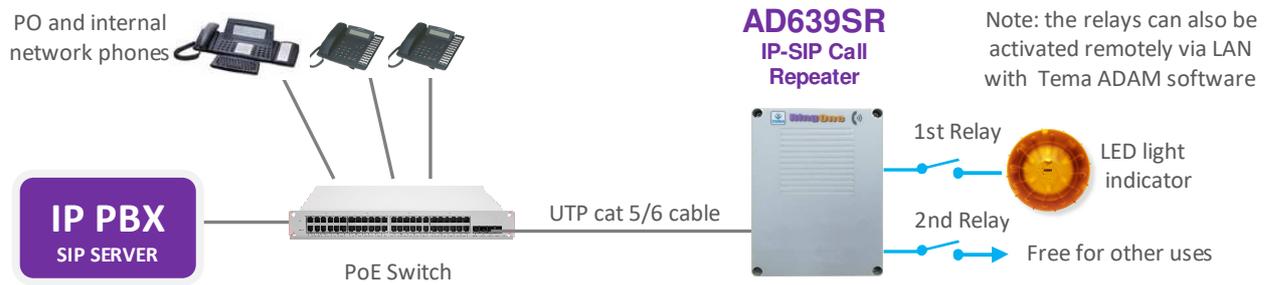


Applications, Target

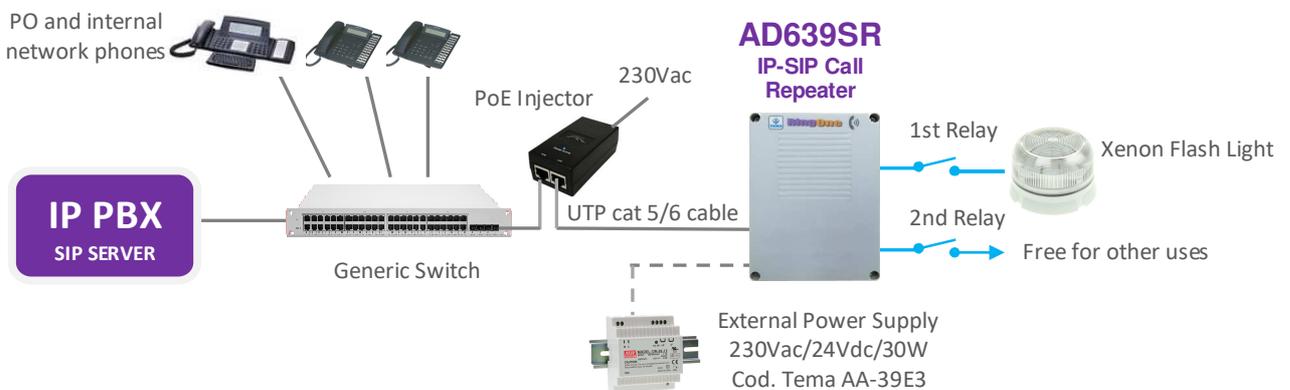
- ◆ Companies, Offices, Factories, Warehouses, Industry
- ◆ Warehouses, Garage, Supermarket, Parkings
- ◆ Alarm and Warning systems, Video surveillance
- ◆ Hospitals, Schools, Railways, Airports, Ports

- *Replaceable and customizable warning sounds*
- *Wide variety of supplied sound files*
- *Possibility of visual signaling with Flash and LED*
- *New innovative features*

SIP telephone call repeater with PoE direct power supply



SIP telephone call repeater with PoE injector or external 230Vac power supply



Operation as a SIP repeater

Once connected AD639SR in the LAN and registered in the IP-PBX in a group of numbers for the repetition of incoming or night calls, the device will make a loud sound (a message or any compatible audio file) contained in its memory and at the same time, activate a LED or a FLASH warning light, if provided.

A second relay, which can also be activated by the presence of a SIP call, can be used for other external drives, for example, activating another sound reproducer in different rooms or areas. The cycle will stop when the call is terminated or an operator responds, except to resume for a new incoming call.

Alarm signaling with telephone alert

AD639R can also be activated by an external signal being equipped with a special input to which an alarm contact, a sensor or a push button can be connected. In this case a message or a (different) sound will be issued after which AD639R can call a number in P2P (Peer to Peer) and inform an operator with a prerecorded message of the event occurred.

Numerous sound files supplied

The supply includes a large variety of sounds and ringtones ready in the format compatible with AD639R and with different characteristics according to the needs, ranging from the classic "Ring" of the traditional phone, to siren-like sounds up to sounds similar to modern warning ringtones.

Replacing the ringtone sound file is extremely simple and fast thanks to the AD639R embedded Web server.

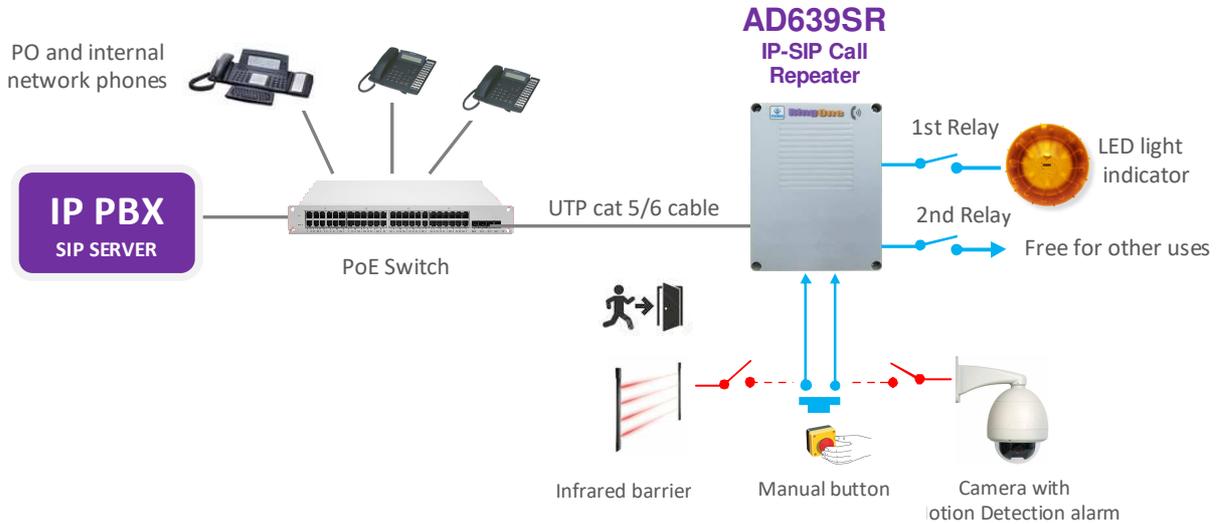
The user can also record a sound he likes, in the audio format compatible with AD639SR (8KHz-16bit-mono) and transfer it to the memory with any web browser (MS Explorer, Edge, Chrome, Firefox, etc.)

Announcer

The AD639SR can simultaneously be used as an announcer to receive audio from a microphone on the network or from a SIP telephone equipped with the Multicast function, which will be played on the speaker. The system is compatible with the ADAM Tema software for launching announcements and/or files in Multicast channels.

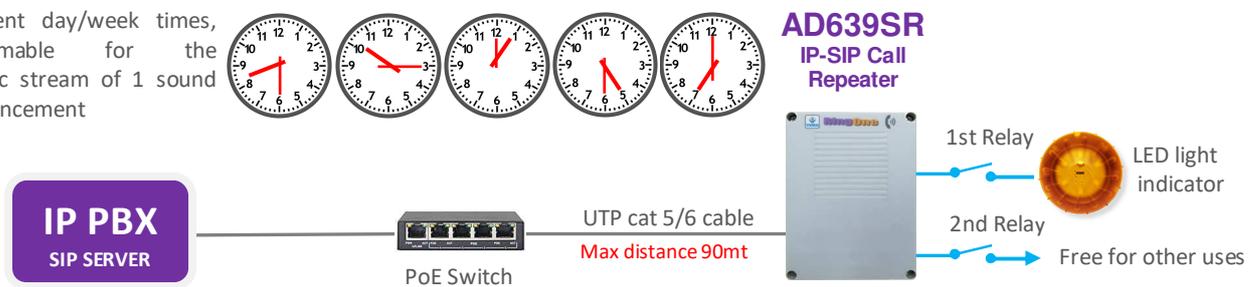
Other services in addition to the basic function

- Streaming of a message or sound following by an external event, SIP telephone call to the control center with specific message of the origin area

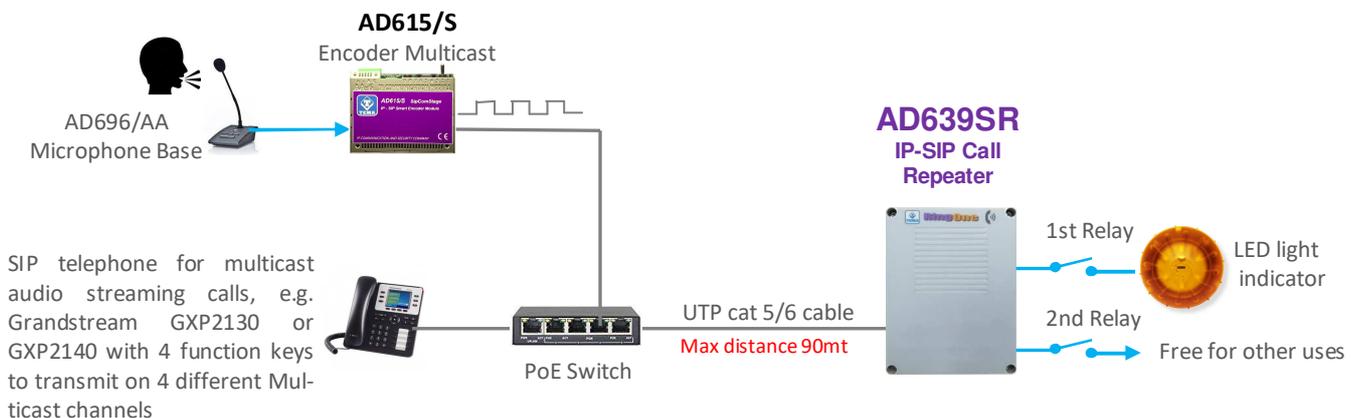


- Streaming of an audio file warning message or pre-recorded sound at set times, programmability daily, weekly or with annual calendar

5 different day/week times, programmable for the automatic stream of 1 sound or announcement



- Application as a simple multicast announcer on UTP cable with adjustable power



SIP telephone for multicast audio streaming calls, e.g. Grandstream GXP2130 or GXP2140 with 4 function keys to transmit on 4 different Multicast channels

● Available models and accessories



AD639SR
Without flashing light



AD639SR/LA
With orange LED flashing light



AD639SR/FT
With transparent Xenon FLASH flashing light



AD639SR/FR
With red Xenon FLASH flashing light



AD639SR/LM
With multicolor RGB LED flashing light



AA-39P4
PoE injector 230Vac/48Vdc 0,5A.



AA-39E3
DIN Power Supply 230Vac/24Vdc-1,5A



AD699/L10A
Flashing orange LED, external installation



AD699/X10B
FLASH transparent Xenon flashing light, external installation



AD699/X20R
Flashing red Xenon FLASH, external installation



AD699/L10M
Multicolor RGB LED flashing light, external installation



AD699/RT
Adjustable support in horizontal and vertical, grey color, 5 kg capacity

Compatibility with the most common brand of IP-PBX:

SIEMENS/UNIFY - AVAYA - ALCATEL - PANASONIC - SAMSUNG - NEC
LG ERICSSON - WILDIX - AASTRA - ASCOM - NITSUKO - SELTA - PHILIPS
MITEI - YEASTAR - ZYCOO - CISCO - EPYGI ELASTICS - GRANDSTREAM
SHORETEL - NORTEL - SWYX - XORCOM - INNOVAPHONE - NETHESIS
3CX - KALLIOPE - BRIA - SISTEMI ASTERISK E SOFTPHONE APP
DISTEMI DOMOTICI LOXONE

Technical features

LAN, protocols:	TCP/IP Network 10/100BaseTx, SIP 2.0
Degree of protection/impact resistance:	IP56/IK08
Power Supply:	PoE, PoE Injector or external power supply
PoE:	802.3af class 0 12,95W
External Power Supply (Opz.):	230Vac/12-24Vdc-1-2A
Security:	access through password, activity Log
Inputs from external alarm commands:	1
Contact rating of the 2 internal relays:	max 30Vdc - 1.5A
Container:	halogen free Technopolymer EN60754-2
Operating temperature:	from -25° to +60°C
Storage temperature:	from -25° to +65°C
Umidity:	up to 100%
Dimensions:	119x159x70mm
Weight:	1,8Kg

Audio Amplifier:	40W (Ext.P.Supply) "D" Class (10W PoE)
Bandwidth:	350 – 6000Hz
Sound pressure (SPL):	100 dB (1KHz/1 meter)
Messages/Sounds:	1 pre-recorded into the internal SD
Visual signals:	active call Led
Optional signal lights:	Xenon Flash, multicolored LEDs
Programming:	user-friendly web interface and password
Tecnology:	580MHz MIPS CPU
Memory:	128MB Ram + 32MB Storage
Connection:	SIP Server (IPPBX) or P2P (Peer To Peer)
Installation:	wall mount, adjustable with access. (Option)
Origin:	entirely developed and manufactured in Italy
Warranty:	2 years, possibility of extension (option)
Compatibility:	CE, ROHS

"IP COMMUNICATION AND SECURITY COMPANY"



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