Features:

- Server-less SIP Decoder work with class-D amplifier
- Point to point analog sources encoding and decoding audio over IP
- BGM, general /live /scheduled & emergency announcement
- Compatible with any brand SIP device and VoIP devices.
- Use VoIP & SIP phone to make announcement to IP PA system
- Easy integration with Cisco, Avaya, Huwai & Polycom
- With one line input and line output and volume control
- Based on ARM + DSP architecture, high-speed industrial-grade chips. Playing delay is less than 130ms
- Provide a variety of decoding MP3, WMA, WAV, etc. Supports up to 48K sampling, 192kbps streams
- Network Interface: 10 / 100Base-TX adaptive network, RJ45 port, 1.5KV electrical isolation
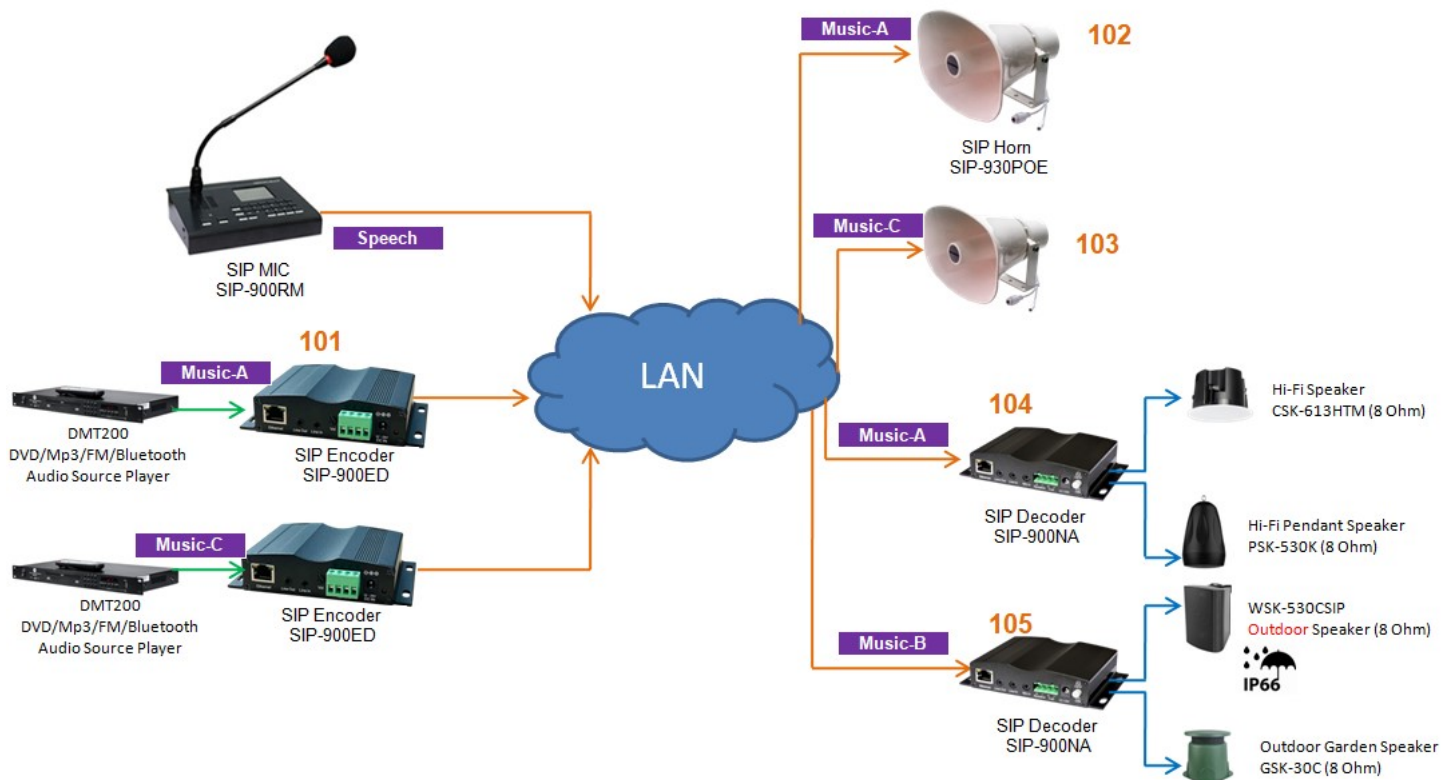- 12-24V DC power supply connector (No DC power adapter included)

Description:

SIP Audio Decoder SIP-900NA is designed to decode SIP audio over IP into analog sources or feed to external amplifiers. By working with SIP-900ED SIP audio encoder to set up the basic audio over IP solution, thus you can assign the analog sources to pre-set SIP decoder for general announcement, live announcement or scheduled announcement or emergency announcement. Moreover, by using the SIP encoder and SIP decoder, you can easily upgrade the existing analog public address system into audio over IP without changing the existing amplifier and loudspeakers. The SIP-900 SIP audio system compatible with any brand name IP PABX, SIP & VoIP phone system and use it to make announcements via your SIP or VoIP phone. Point to point SIP audio encoding and decoder plus paging system no need software nor SIP server. SIP server is needed for video/audio intercom, IP PABX paging and SIP voice alarm etc functions.

Specifications:

Model	SIP-900NA
Description	SIP Audio Decoder
Power Output	2×15 Watts 8 Ohm
Power Supply	12-24V DC (No DC power adapter included)
Power Consumption	<300mW
Protocol	SIP2.0, SIPS (TLS), DHCP opt. 66, SMTP, 802.1x, RTSP, RTP, SRTP, TFTP, HTTP, HTTPS, Syslog, ONVIF, TCP/IP, ARP, ICMP, DHCP, DNS, IGMP
Network Speed	10 / 100 Base-TX adaptive network, RJ45 port, 1.5KV electrical isolation
Audio Format	G.711 (PCMA, PCMU), G.729 (Annex A, B), G.722, L16 /16 kHz
S/N Ratio	≥90dB
Frequency Response	20Hz-20KHz
Connector	line input: 2000mVpp; line output: 2200mVpp, RJ45 port and DC power supply input
Working Temperature	-10℃ to +65℃
Humidity	10% ~ 90%
Dimensions	130×85×30mm
Weight	0.2kg

SIP Audio Encoder & Decoder （Server-less System）

Music-A → **102** SIP Horn SIP-930POE

Speech — SIP MIC SIP-900RM

Music-C → **103** SIP Horn SIP-930POE

LAN

101
Music-A
DMT200 DVD/Mp3/FM/Bluetooth Audio Source Player
SIP Encoder SIP-900ED

Music-C
DMT200 DVD/Mp3/FM/Bluetooth Audio Source Player
SIP Encoder SIP-900ED

104 Music-A
SIP Decoder SIP-900NA
→ Hi-Fi Speaker CSK-613HTM (8 Ohm)
→ Hi-Fi Pendant Speaker PSK-530K (8 Ohm)

105 Music-B
SIP Decoder SIP-900NA
→ WSK-530CSIP Outdoor Speaker (8 Ohm) IP66
→ Outdoor Garden Speaker GSK-30C (8 Ohm)

SIP Encoder & Decoder

Music-A
DMT200 DVD/Mp3/FM/Bluetooth Audio Source Player
SIP Audio Software
120

Music-A → **102** SIP Horn SIP-930POE

Music-C → **103** SIP Horn SIP-930POE

LAN

101
Music-A
DMT200 DVD/Mp3/FM/Bluetooth Audio Source Player
SIP Encoder SIP-900ED

Music-C
DMT200 DVD/Mp3/FM/Bluetooth Audio Source Player
SIP Encoder SIP-900ED

104 Music-A
SIP Decoder SIP-900NA
→ Hi-Fi Speaker CSK-613HTM (8 Ohm)
→ Hi-Fi Pendant Speaker PSK-530K (8 Ohm)

105 Music-B
SIP Decoder SIP-900NA
→ WSK-530CSIP Outdoor Speaker (8 Ohm) IP66
→ Outdoor Garden Speaker GSK-30C (8 Ohm)