

# IP POE Ceiling Speaker DI-97501

## Features:

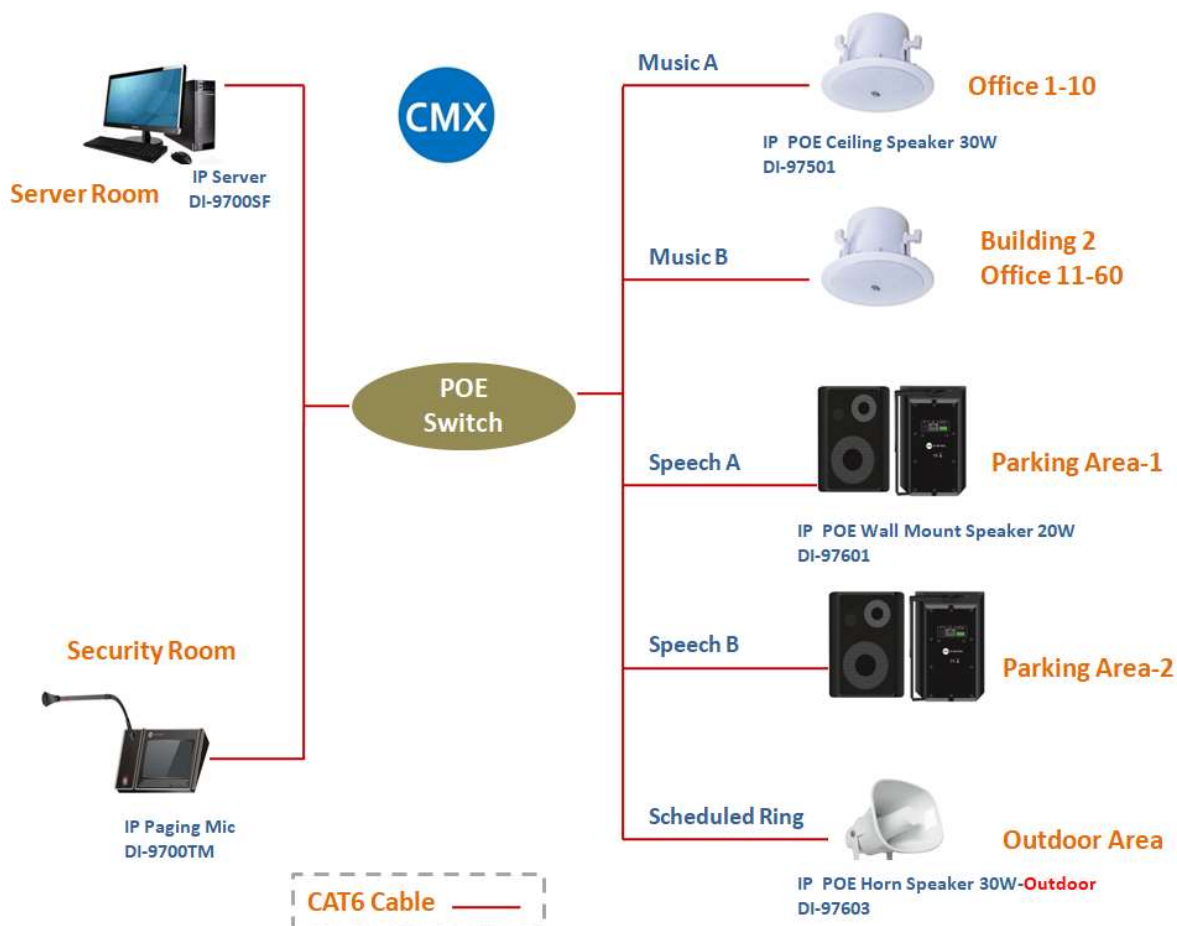
- Support with existing POE switch network system
- Compatible with IEEE 802.3at
- IP based POE powered 30W ceiling speaker
- Single network cable for control, signal and power supply
- Same POE speakers enable to be several group or zone defined
- Support IP BGM, live speech, pre-recorded announcement
- Support IP voice alarm by add IP voice alarm controller
- Different programs simultaneously through different POE speakers.
- Paging prioritization and background music system
- Network adjustable speaker volume
- DC12V power supply input as standby use



## Description:

The IP POE Powered Ceiling Speaker is the latest in IP technology. This Power over Ethernet (compatible with IEEE 802.3at) mass notification device has network-controlled speaker volume, scheduled program broadcast, priority-based multicast streaming, group definition, working status supervision, remote online technical support and trouble shoot. The speaker is capable of broadcasting audio through multicast. The POE powered ceiling speaker enable to be built up an IP based sound system through a single CAT5 or CAT6 wire. The single CAT5 cable is used for control data, signal data and power supply, by this way, the layout cost will be much decreased without any consideration of AC nor DC power supply. The POE powered ceiling speaker is compatible with universal POE switch, thus the POE speaker works with existing POE LAN/WAN & internet network and fiber-optical cable, no need dedicated network to be built-up. So it is very useful for office, hotel, school, bank, factory & shopping mall where POE network is already there. External DC12V connector is also equipped in this POE speaker for standby power supply use.

## IP Speaker Connection Diagram:



# IP POE Ceiling Speaker DI-97501

## Specifications:

Model	DI-97501
Description	IP POE Ceiling Speaker
Power Output	30W Watts ((THD+N=10%, f=1KHz)
Built-in Amplifier	30 Watts RMS 4 Ohms
Network I/F	10/100Mbps
Protocol	ARP, TCP/IP, UDP, ICMP & IGMP (Group Broadcast)
Audio Format	MP3/MP2
Audio Quality	16digit stereo CD level
Sampling Rate	8K~48K
Bit Rate	8K~512Kbps
Sensitivity	92dB/1W/1M
S/N Ratio	≧ 85dB
THD	≦ 0.1%
Frequency Response	100-18KHz (±3dB)
Connector	One RJ45 port for existing LAN/WAN & internet One DC12V battery backup input
Power Input	POE 802.3at & DC 12V
Operation Temp	-30 to +55°C
Dimension	Ø203×140mm
Cutout Size	168mm
Material	ABS enclosure, metal grille and metal back box
Weight	1.4kg

## Connection Diagram:

