



Explosion proof Column Speaker

- Aluminum alloy die-casting enclosure
- Protection level IP66
- Corrosion-resistant coating
- HD High, medium and low tones
- ISO9001 standards



MAIN FEATURES

The explosion-proof column speaker adopts aluminum alloy shell material, explosion-proof design, and full-range speaker unit. It is an explosion-proof broadcast alarm sound column installed in flammable and explosive areas for broadcast sound amplification and fire alarm.

The explosion-proof sound column has a reasonable structural design and beautiful appearance, which can effectively resist dust pollution and humid air.

This product complies with GB3836.1-2000 "General Requirements for Explosion-proof Electrical Equipment for Explosive Environments" and GB3836.2-2000 "Explosion-proof Electrical Equipment for Explosive Environments Flameproof Type "d"" standards.

The product explosion-proof grade reaches Ex db IIC T6 Gb standard, which is suitable for flammable and explosive places such as mining, petroleum, chemical, electric power, oil depots, etc.

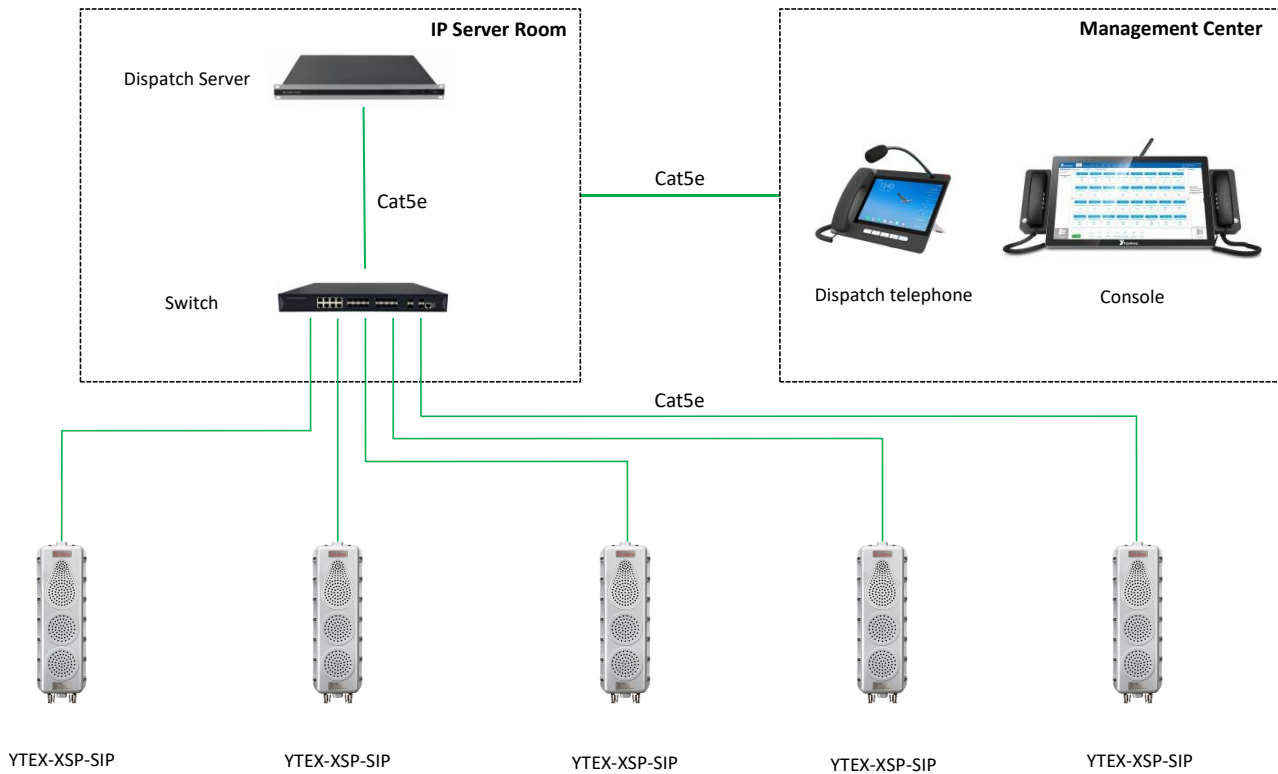
- Support local line input for local amplification.
- Support the platform or management machine to send scheduled tasks to the device, and the scheduled task audio can be played even when the network is disconnected.
- In the LAN environment, support the sending of offline broadcast tasks through HTTP API.
- In the public network environment, support the sending of offline broadcasts through SIP Message.
- The device supports configuring scheduled tasks through the Web. It can also be used as a stand-alone device when there is no management machine or platform.
- Supports web-based system configuration, network configuration, system maintenance and other operations.
- Standard RJ45 network interface, which can be accessed anywhere with an Ethernet port, supports cross-segment and cross-route.

TECHNICAL SPECIFICATIONS

Basic Features	
Ex mark	Ex db IIC T6 Gb/Ex tb ib IIIC T80C Db
Waterproof Rate	IP66
Ringing Sound Level	≥120 db at 1 meter
Frequency response	100hz-10Khz
Speaker inside	1 high tone speaker + 3 for high, medium and low tones
Enclosure Material	Aluminium alloy die-casting Powder coating treatment Outdoor UV protection
Color	Silver (default)
Power rate	30W/50W/100W
Audio constant voltage	70-120V
Constant resistance	4-16 Ω
Power supply	DC24V
Inlet thread size	G1/2
Installation method	Wall-mounted
Working temperature	Operating temperature: -40°C to + 70°C Storage temperature: -40°C to +75°C
Humidity range	less than 95%.
VoIP Features	
Chips	Industrial-grade dual-core ARM+DSP chip, startup time ≤1 s
SIP	Support
Protocol	TCP/IP 、 UDP 、 ARP 、 ICMP 、 SIP 、 IGMP 、 ONVIF
Network chip rate	10/100 Mbps
Audio sampling , bit rate	8Khz ~ 44.1Khz , 16bit
Interface	RJ45

APPLICATION

IP sound column broadcasting system is an audio broadcasting system based on IP network technology. It transmits audio signals through the network, can realize remote control and centralized management, can effectively meet the needs of intelligent broadcasting, and can perform zone broadcasting, paging broadcasting, timed broadcasting, triggered broadcasting, emergency light explosion and other functions in various places.



APPLICATION SCENARIOS



Maritime



Highway / Tunnel



Railway



Power - Station



Mining industry



Industrial park

DIMENSIONS



Package	
Unit size	685*270*205 (mm)
Packaging materials	corrugated box, pearl cotton lining
Weight	Net weight : about 15 KG / Gross Weight :16 KG