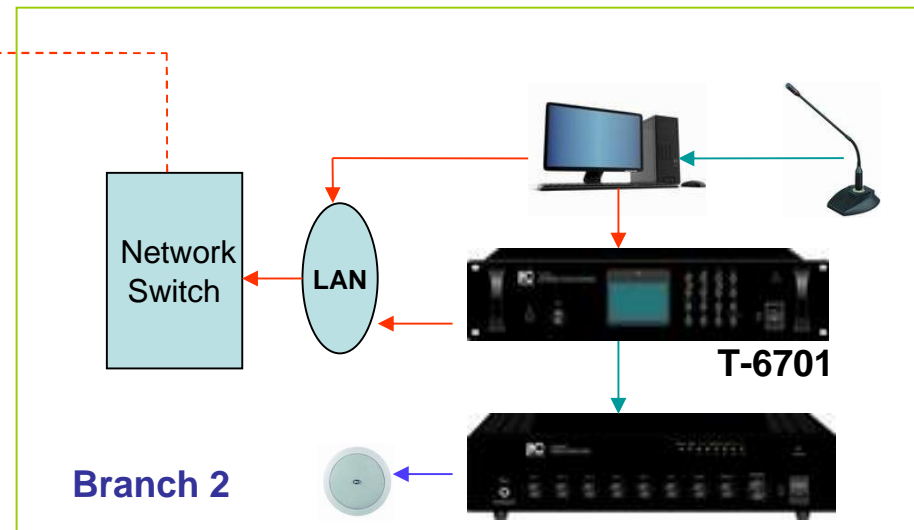
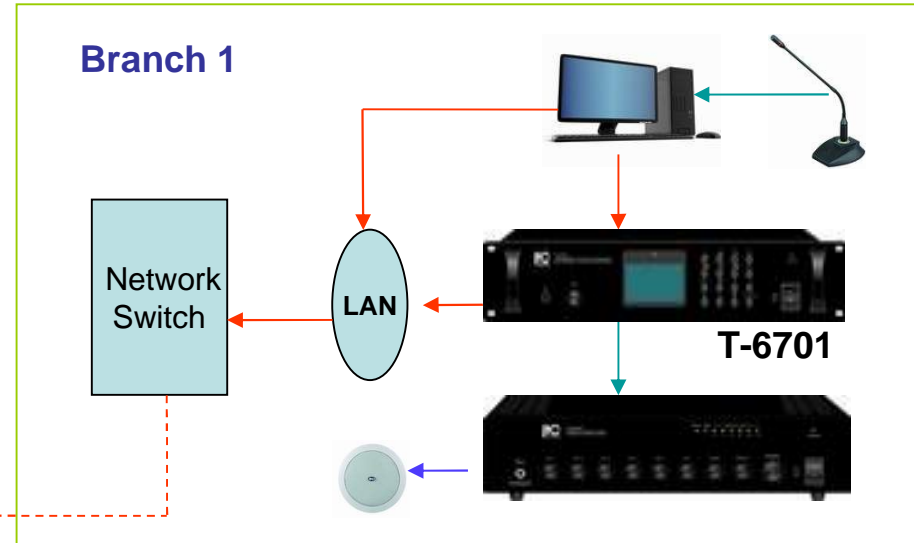
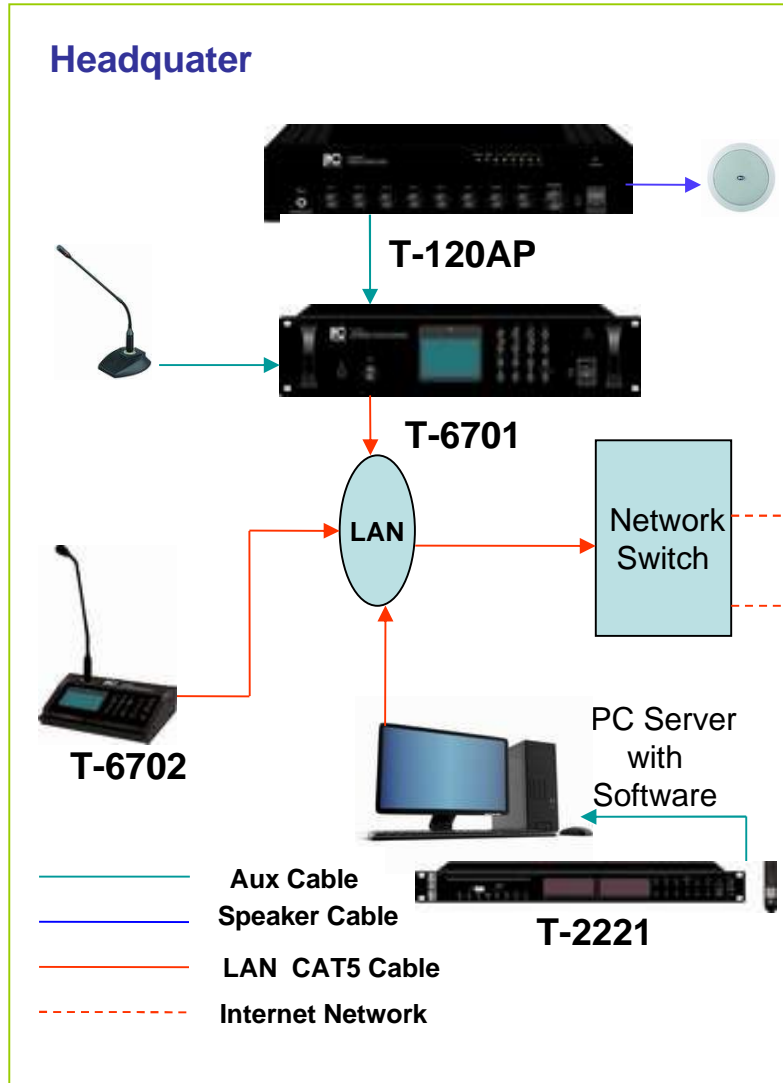


# IP/TCP Network Audio System

## Chain Food Store Sound System Solution



## Network Audio System

- Music & paging over LAN network transmission.
- Most economy and flexible background music and audio bus management system.
- Ideal solution for vast area sound system.
- Flexible management all together or separately
- Remote distance communication system.
- Minimum cable layout cost by using the exiting network system.
- Nearly 300 milliseconds, it is hardly distinguished by human ear.
- High fidelity signal of a wide frequency range from 20Hz to 16kHz.
- Simultaneous multi-zones BGM/paging (Point, group points, zone, group zone, area broadcast and paging).
- Flexible configuration from 10 zones to 7000 zones.
- Easy upgrade and system expansion over existing non-dedicated LAN/WAN or internet.
- Two way communication system=intercom system is option.
- Packet audio use only about 124kbs bandwidth makes it is possible to transfer more than 500 programs over non-dedicated networks.
- 3 levels of management software with pre-assigned access priority.
- Local user program selection and volume control through remote control.
- Inter-work with door access system and CCTV system together.



### Architects' & Engineers' Guidance

The solution is specially design for chain stores, like food chain stores, bank, police station, factory etc. Since most of the chain stores are far from each other, even in different cities, analog system is impossible to overcome the data loss problem, so the solution only could be the network audio system. The system is built-in special audio processor to ensure its hi-fi sound quality. Data delay only about 300 milliseconds. High reliable system for easy maintenance and avoid information eavesdropping.

The simplest and economy solution which links several PA system together by the T-6701 network audio adapter, so as to achieve centralized management. So the headquarter chain store will install one PC for system software setting and management, a T-6702 network remote paging console for live announcement and zone paging, a T-6701 network audio adapter to transfer the local PA system to another T-6701 in other stores. The audio bus could transfer and distribute one message or music from headquarter to different stores by one action. Multi-tasks simultaneously enable this system of highest capacity: live music and announcement broadcast, pre-recorded message broadcast and scheduled program broadcast provide a user friendly easy operation.

T-6701 is a 19" rack mount network audio adapter, built-in signal channel TCP/IP decoder, which is used to decode the digital audio and control data into analog one for amplifier. So only a LAN input is needed from the network switch to ensure it has separate TCP/IP address for the system distinguish, by this way, the system could simultaneously distribute different tasks to different amplifiers. All points and separate point management is available. It is the heart of the IP system for background music, live announcement, pre-recorded voice message scheduled broadcast. A 5" LCD screen is supplied to display all system status and its IP address setting data in English, where a remote control could be used for music broadcast, volume attenuation and data setting. Numeric keys on front panel for convenient and manual music operation. The network audio adapter T-6701 provides 4 channel line outputs to amplifiers, which could be both high impedance and low impedance amps for various applications. Local inputs include microphone and line of priority. This network audio adapter could be connected to the existing LAN network to save a lot of wire layout cost. Another advantage makes it possible to install this unit both in electrician control room or terminal end-user room.

T-6702 is a network remote paging console which could be used to make live announcement over LAN network. Flexible paging modes includes: separate point, group points, zone, group zones and all zones. It built-in a speaker for monitoring. A line output could be used for external monitoring. More options include intercom and talk-back versions are available.