IP Network Audio System --------Software Fast Installation Cookbook

Notice: Please follow up the set up step by step, system incompletion or failure will be occurred if any of the step is jumped, please be patient and careful read this cookbook, any more question, please directly send us mail to info@itc-pa.com.cn , we will answer you within 24 hours.

1. Stop all anti-virus devices and off the firewall, then install the software, only in this way, the software would be completely and successfully installed.

2. The ITC IP network audio system software only compatible with Windows 2000 and Windows XP, never install the software into Windows7 or Vista system.

3. The software may not compatible with Office 2007.

4. **Set up the Sever Fixed IP Address:** Make sure the PC's IP address is fixed, go to network neighborhood to check the property (IP address: 192.168.0.2 (Example); Subnet Mask: 5.5.5.0 (Example); Gateway Address: 192.168.0.0 (Example))   **Notice:** All of the network audio adapters' IP address shall be in the same gateway, because this is LAN system. All of the equipment must have separate IP address and they shall be fixed.

5. **Set up the Network Audio Adapter IP Address (T-6701, T-6705, & T-6705A):** Power on the Network Audio Adapater and plug in the CAT5 cable, use the supplied remote control click "menu" enter password "638888" then press "ok" to change the Network audio adapter's IP address (Terminal Adapter IP Address: 192.168.0.5 (Example); Subnet Mask: 5.5.5.0 (Example); Gateway Address: 192.168.0.0 (Example))

6. **Set up the network Paging microphone IP Address (T-6702):** Power on the Network Paging Microphone and plug in the CAT5 cable, click "※" enter password "638888" then press "ok" to change the Network paging microphone's IP address (Terminal Adapter IP Address: 192.168.0.6 (Example); Subnet Mask: 5.5.5.0 (Example); Gateway Address: 192.168.0.0 (Example))

7. **Set up the IP Network Stereo Loudspeaker IP Address (T-6707):** Power on the T-6707, go to the PC's "start" menu to enter the IP software's "terminal configuration too". There are two ways to write in IP address: By use COM you can write in easily, by use RJ45 port you must write in its previous IP. 1) Select COM way to change IP, write in the correct IP you need, and click "write in" to complete the IP change action. 2) Select RJ45 port way to change IP, write in the previous correct IP, first you may click "inquiry" to see whether this network audio adapter is successfully communicate with the PC server, if yes, means this previous IP address is correct, then you may proceed for next step to change it into another one. Write in the wanted new IP, click on "write in" to complete the IP change action, there shall be message to remind you this action is successfully done.

8. **Set up Forwarder Server IP Address:** Click the FORWARDER SERVER CONFIGURATION shortcut link to input the "server IP address", which is same as the PC's IP address "192.168.0.2", then use push-down menu to select optional IP address of "connect to server" and "connect to terminal", both of these shall be same as the PC's IP address"192.168.0.2", then exit.

9. **Set up the Software Server IP Address:** Click the "ITC IP Broadcast System" shortcut link to enter the main management system.   Click "setting" before log into the software, use the push-down menu to select the server's IP address"192.168.0.2".

10. **Register the License Code.** After that then logo into, click on "help" push-down menu to select "license information", it will pop up the dialog window, copy the "serial No." and send to the salesman from ITC. Then "license code" will feedback to the buyer around 2 work day. After successful input the license code, the license state will display whether the software is for demo or valid. **(Notice: a). The license code is only for one PC, several times of installation in one same PC could use the same license code. Each PC software installation needs different license code. b). No valid license code, the system will not have any sound output. c). The**

license code has demo one and perpetual one, demo software will terminated all functions after 1 month trial times.)

11. **Network Audio Adapter Set up In PC Server:** Connect the network audio adapter whether T-6701, T-6702, T-6704, T-6705, T-6706 & T-6707 to the LAN system. Logo into the management software, click "terminal setting" to add new item, input "name" & "address, which is the network audio adapter's IP address, for example "192.168.0.5", adjust the terminal output volume to acceptable one, mark "apply to all terminals" when you want to adjust all outputs at same level. Term version is must selected. "unidirection3.2" version is for all unidirectional network audio system and "bidirection3.6"version is for network audio system with intercom **(Notice: please double confirmation with the salesman to choose the right software version)**. Mark "apply to all terminals" when you want to apply the system version to all terminal adapter.

12. **Restart and fresh the Software after configuration:** After all network audio adapter is completed added, sign out to login interface, click on "service" to stop both "system service" and "record service" then start the both service and logo in. Click on the terminal status to check the connection is fine. A red cross before the IP address means disconnection, so please double check the previous setting then continue until the connection is well.

13. **Broadcast Voice Message and Mp3 Music Song:** Broadcast file means to broadcast the music through the player built-in the software. Click on "broadcast file" menu then click "add" to add music list, then click "add file" of the pop window to add the MP3 format music song and select the terminal then play, make sure the sound volume could be heard and the MP3 format is right, otherwise change the format to test again (Notice: Use the Mp3 analyze tool from the "TOOLS" files of the original installation root for the IP software to analyze whether the MP3 file properties are as required).

14. **Simple problem shoot up**

1	Can not connect the network audio adapter to the PC server	● Check whether the software is incomplete installation for Anti-virus, firewall, Windows 7 or office 2007 ● Check the PC server whether have the fixed IP ● Check the network audio adapter successfully written in IP address ● Check all of the equipments whether in the same gate way, like PC server IP is 192.168.1.6, all of the other equipments IP the first three position shall be exactly same: 192.168.1.*. ● Go to the software terminal status to check whether there is "red cross" which means disconnection ● Have you restart the software "service" bar as point 12 stated?
2	Can not broadcast music or voice massage to speaker	● Go to the software terminal status to check whether there is "red cross" which means disconnection ● Check the volume bar whether is minimum? ● Check the task whether had selected the network audio adapter after you create the task? ● Check the license code whether is registered, which mentioned in the point 10. ● Check the sources input voltage level whether is too small for the PC ● Check the PC's sound card whether is working
3	Why I can not connect more than 3 network audio adpater to the system	● The software is not registered, you are using free demo software,

			register license code must be purchased from the salesman.
4	The software is expired automatically.	●	The software is not registered, you are using free demo software, register license code must be purchased from the salesman.
5	Can I create a scheduled program task to broadcast voice message or music song for a week?	●	Yes, the IP system software is built-in weekly timer, you can designate pre-recorded voice message to the wanted speaker zones at defined time for a week
6	Can I select the music and control the volume for my own speaker zone?	●	Yes, you can. The PC server must set up one voice message or music song library, then the end-user could go to this library to selected program for its own speaker zones. The remote control is also for volume attenuation.
7	What is the difference between file broadcast and live broadcast	●	File broadcast is using the software built-in media player, while the live broadcast is the software only collect the sound out from the sound card for this system
8	Can I broadcast different music to different speaker zones simultaneously?	●	Yes, the system is capable of more than 500 file broadcast tasks simultaneously are operated, which means you can play different voice messages or music songs to different speaker zones at the same time
9	Can I have local microphone and music input?	●	Yes, you are right, all of the network audio adapter like T-6701, T-6702, T-6704, T-6705 and T-6705A are of local microphone and line inputs.
10	What kinds of music broadcasting this system can do?	●	There are six ways of music broadcasting: 1) External source player input to the PC, the software will transfer the analog data into digital data 2) Live broadcast when collect output from the PC sound card 3) File broadcast by using the software built-in media player 4) Scheduled broadcast: the software is built-in weekly timer, you can create scheduled program for automatic broadcasting. 5) End-user speaker zone broadcast, the end user could select its own program through remote control from the library in the PC server 6) End-user could local input music or microphone to its own speaker zones
11	What kind of paging system i can have?	●	There are three paging system: 1) condenser microphone input to PC, manually select speaker zones to make live announcement 2) Network zone paging through T-6702, which is a paging microphone over network, you can use it to make announcement to any speaker zones 3) End-user local microphone input live announcement.
12	What is the function of network audio adapter?	●	It is built in IP data encoder and decoder, which could encode analog signal into digital one for LAN network system transmission and also

		decode digital data into analog one for amplifier to speakers.
13	What kind of network audio adapter ITC is selling now?	• T-6701, 19" rack mount network audio adapter to connect with big high impedance or low impedance amplifier, it is suitable for 1 zone multi loudspeaker applications. • T-6705, T-6705A, Wall mount network audio adapter built-in amplifier, which are all in one solution for one room applications, which could load 2 or 4 low impedance loudspeakers. • T-6704, 4 channel audio adapter to connect with high impedance or low impedance amplifiers, it is suitable for 4 zones multi loudspeaker applications. • T-6706, T-67120, T-67240, T-67350, 19" rack mount network audio adapter with low impedance amplifier, it is suitable for 1 zone far located speaker applications. • T-6707, IP network stereo loudspeaker package, it is suitable for economy all in one solution, it is designed for 1 room, which is built-in stereo amplifier, an active speaker and a passive speaker & decoder. It shall be ideal solution for school, office, and passenger corridors.
14	What is the advantages of this IP network audio system	• Low wiring cost by using the exiting LAN/WAN or Internet network system • Highest capacity to management huge loudspeaker zones • Highest capacity to transfer audio to vast area • Highest capacity to broadcast many music songs or voice message to different speaker zones at the same time • Nearly no cost to upgrade or expansion the system in future • Remote maintenaince
15	What are the optional features of this system?	• Intercom system for business and emergency help • Inter-work with CCTV system • Inter-work with door access system • Inter-work with the third party train/Bus/Metro/Airport Announcement System • Voice alarm and evacuation system
16	The software license code could not be registered.	• The PC system must be reinstalled when the license code is wrong registered more than 5 times.