

NCX-1900H

Digital Network Public Address System

Operation Manual









Specifications are subject to be changed without notice.

NCX Digital Network Public Address System

Important Notice

- 1. Thanks for using NCX digital network public address system. Please read the manual carefully before use.
- 2. Our company will offer comprehensive and ever after sales service.
- 3. This manual is Russian version of network public address system and the system is subject to change without notification.
- 4. The logo and the terms mentioned in the manual are the patent of our company.

Installation guide

- Step 1: Start the system server and enter.
- Step 2: Put the NCX software CD into the CD-ROM.
- Step 3: Dblclick the "Setup.exe" to install. And if Dialog asking if to cover the old files, please click " yes", and it wont cause any trouble.
- Step 6: Click"Finish" to successfully install the software.

Chapter 1. Brief introduction

- 1. A package contains:
 - A main board drive CD
 - A software CD
 - A sound blaster CD
 - A User manual

2. Operation conditionsoftware condition:Windows operation system: Windows 2000

- 3. Software upgrade
- A: Cover the exe file
- B: And then follow the process:
 - Step One: Uninstall the software
 - a、SClick Start→Setting→Control panel
 - 2、Dblclick add/delete program
 - 3、Select install/uninstall option

4. Select the network public address system(The item name may differs because of the intitling while installation)

5、Click append/delete button

Step Two: Install the software

4. The main features and functions

a. Clear interface, simple operation, practical, multi-function, huge storage capacity, can be set and play automatically when programmed.

- b. 3 inputs for audio sources, and internally 16 audio sources; 32 step volume control.
- c. Support any MP3 CMF.
- d. 3 power supply control
- e. Main unit monitors the status of all the terminals.
- f. 19 sources are switchable in the terminals.
- g. Programming to work auto by month, week, or day loop.
- j. Different operation levels can be set.
- k.Each network player has a guage.
- I. Shutdown automatically at the scheduled time
 - m. Superuser login: User name: System; Password: 123
 - n. Common user login: User name: Guest; Password:123

1.User login

The system will display the dialog below while use

🖋 User Login	
	Numbers
Vser Name: System ▼	7 8 9
Password: Entry Level: Administrator	4 5 6
	1 2 3
Confirm Return	
(图一))

Please select the corresponding user name and password, then press the button"Confirm" to wait the system's validation to enter the system. After clicking"Confirm", you can enter the main interface and use the system. Below is the main interface (picture 2)

NOTE: Default password:123

2. Operation Guide.

System operation for the first time:

- a. Start up the software
- b. Input the user name, password and login
- c. Enter"terminal setting"to set the name and the address of the terminal
- d. Enter"zone setting"to set the name of the zones and select the terminals for the zones.
- e. Enter"timing edit"to set the automatic play of the 16 built-in net audio sources. First to edit the programs that for transferring in different loop mode, then to select a certain cycle mode to edit the period of time and run the programs.
- f. Enter "user administration" for setting and changing password
- g. Enter"system setting"to set timing shutdown, the user's name and to select working mode, etc.
- h. Enter "databank management" for spare data.
- i. Begin to use the system
- 3. Function introduction
 - 3.1 Terminal setting

The first step is terminal setting when using for the first time. (picture 3); Add the terminal to the system and the operation is as below:

Terminal Setti	ng		
Terminal Name: Terminal Address:		Add	Modify Return
	Valid from 1~254		

picture 3

Step 1: Set the terminal name, The terminal can be set as "Class1, Grade1" if it's put in Class 1, Grade 1.....

Step 2: Address of the terminal; Input the corresponding address according to the set address of the terminal. Check the attached list 1 no how to set address for the terminals. NOTE: A complete terminal address is "192.168.0.xxx" and the system default is "192.168.0.". There can't be identical IP addresses of the whole system. The server IP is better to be set as "192.168.0.1"

Step 3: Press the button "add" and the terminal accession is finished.

Modify: Select the terminal to be modified in the display area and press the button "modify"

Delete: Select the terminal to be deleted in the display area and press the button"del". The deleted terminal cannot be recovered in the system after deleted.

3.2 Zone management.

Group some terminals into a zone (Picture 4); Follow instructions below to add zones:

Step 1: Set the name of the zone; there cannot be identical zone names.

Step 2: Select the terminals and press the button "add" to add the terminals. Click "select all" to select all the terminals; Click "del" to delete the selected terminal in the zone. Click "clear" to delete all the terminals.

Step 3: Press button "add zone" to add a new zone.

- Edit zone: Select the zones to be modified in the zones display and press the button "edit zone" to modify.
- Delete zone: Select the zones to be deleted in the zones display and press the button"delete zone". The deleted zone cannot be recovered again in the system.

Zone Lanagement	
All Audio Terminal	Zone Name:
	Add
	Select All
	Delete
	Clear
	Add Zone Edit Zone Delete Zone Return

(Picture 4)

3.3 Timing Introduciton.

Two major functions: programming and timing. Timing includes three loop modes: daily, weekly and monthly.

3.3.1 Programming .

The daily loop, weekly loop and monthly loop are respectively composed of a number of programs that are sharable. Setting the programs at first, and them select the cycling mode to run the programs. In "system setting" you can set the correspondent cycling mode. Details please refer to " system setting" (Picture 5)

Programming Timing Edit		P					
Program Setting Column Program Name			am Display gram Name		Play Time	¥0	Playi
Play Time $00:00:00$ \bullet Volume 31 \bullet Status	s Sequer 💌						
File Name Play Time Repea	Add File						
	Edit Repeat						
	Ajust Sequence						
	Delete	<		1111			
	Clear	File	: Name		Play Time	Repeat	
	Add Programs						
	Edit Programs						
	Del Programs						

Five steps to add programs:

Step 1: Set names for the programs. Program names cannot be identical.

Step 2: Press the button "add program" and select MP3 files.

Step 3: Set the play time of music in "play time"

Step 4: Preset the volume.

Step 5: Play status: When a number of files are added, two play sequences are provided: sequencing or random.

Step 6: Press the button"add programs"

Add any programs as the procedure above.

Modify: Select the programs in the display and press the button "modify". Press "save" after modifying.

NOTE: The program names cannot be modified.

Delete: Select the programs in the display and press the button "delete".

3.3.2. Timing Edit—By Day

Follow the steps below to add the daily loop record.(Picture 6)

Step 1: Select "By Day"

- Step 2: Select the "on time"
- Step 3: Select the net player
- Step 4: Select the program
- Step 5: Select the audio terminals
- Step 6: Press "Select"

Follow step 1- step 6 to select more net players.

Step 7: Press "add" and the daily loop is added.

Follow the above to add more records.

Modify the record: Select a record in the timing display and press"modify"to modify any items and press"save".

Delete the record: Select a record in the timing display and press "delete".

• Edit Select Program: 🔽 Terminal Delete Select Audio Terminals: Add Edit Delete Сору Timing Display Off Time Net Player Program Name Network Terminal On Time Return

Picture 6

3.3.3 Timing Edit—By Week

Follow the steps below to add record.(Picture 7)

Timing Edit					X
Programming	Timing Edit				1
C By Day © By Week C By Month	On Time: 00 Select Week: Mo	:00:00 •	Network Player	Program Name	
Select Net player: Select Program: Select Audio Termina		 Select Edit Terminal)		
Add	Edit Delete	Copy			
Timing Display					
On Time	Off Time Net Player	Program Name		Network Terminal	[
					Return

Picture 7

- Step1: Select "By Week"
- Step2: Select the "On Time"
- Step3: Select week
- Step4: Select net players
- Step5: Select the programs
- Step6: Select the audio terminals
- Step7: Press "confirm"

Follow the above to select more net players.

Step8: Press "add" and the weekly loop is added.

Follow the above to add more records.

Modify: Select a record in the timing display and press "modify". Press "save" after the operation.

Delete: Select a record in the timing display and press"delete".

Copy: Presumed that the timing record on Tuesday is identical to that on Wednesday, Thursday and Friday, users can press"copy"after setting of Tuesday and a copy week dialog will pop up.(Picture 8)

👪 Copy Veek	\mathbf{X}
Monday Copy to Attention: If the copy the data of Monday to Tuesday, and Thursday, then the	Select Week Monday Tuesday Wednesday Thursday Friday Saturday Sunday
	Copy Cancel

Picture 8

3.3.4 Timing Edit—By Month

Follow the steps below to add. (Picture 9)

Timing Edit					×
Programming	Timing Edit]
C By Day C By Week	0n Time: 00:0	10:00 ×	Network Player Pr	ogram Name	
• By Month	Select Day: 1	•			
Select Net player:	Audio Source 4	▼ Select			
Select Program: Select Audio Termina	als: T	▼ Edit erminal Delete			
Add	Edit Delete	Сору			
-Timing Display-					
On Time	Off Time Net Player	Program Name		Network Terminal	
	i]	
				(Return

Picture 9

Step 1: Select "By Month"

Step 2: Select the "On Time"

- Step 3: Select the date
- Step 4: Select the net player
- Step 5: Select program names
- Step 6: Select the terminals

Step 7: Press "confirm"

Follow the above to select more net players.

Step 8: Press "add" and the monthly loop is added.

Follow the steps above to add record.

Modify: Select a record in the display of timing record and press"modify". Press "save" after the operation.

Delete: Select a record in the display of timing record and press"delete".

Copy: Presumed that the timing record of the 1st day of the month is identical to that of the 3rd and the 8th, users can press "copy" after the setting of the 1st and a copy day dialog will pop up. (Picture 10)

1 Copy to Attention: If the copy the data of 1 to 3, and 8, then the original data in 3 and 8 will be 1 2 3 4 5 66 7 10 11 11 12 11 12 11 12 11 12 12 13
Copy Cancel

Picture 10

3.4 Introduction of System Setting

System setting includes: off setting , mode select , other settings and audio converter—select exterior programs. (Picture 11)

👪 System Setting		×
System Setting Off Setting Off Off O:00:00 Please tick "off" for auto off and then set the auto off time: for manual off do not need Mode Select Timing Mode Select: By Month PC COM: Coml	Other Settings User Name: Info Auto Loading Programs Show Enter Dialog	
	Confirm	

Picture 11

Off Setting: Tick "off " and input the scheduled off time, then the system will be off automatically. Otherwise not tick "off" for manual off.

Mode Select: Including timing mode select and PC COM setting. Daily loop, weekly loop and monthly loop are provided for timing mode select. The PC COM default is COM1 and please don't change it.

Other setting includes:

User name setting: such as xxx school, etc

Auto loading programs: Tick it to start auto loading. Otherwise, the auto loading will not be enabled.

Show enter dialog: Tick it to show enter dialog automatically when start the software.

Audio converter—select external program: External mp3 audio converter.

3.5 User management.

There is corresponding operation according to the authorized level. The administrator can add or delete users, amend the password and other operations. The operator can merely modify his own password and there's a level limit. (Picture12)

🖉 User Setting			
User Name:			Add
Administrator password			
Password:			Modify
Re enter passord:			
Operation Level:	Administ	rator 💌	Del
User Name		Operation L	
System		Administrator	
Guest		Guest	
1			

(Picture 12)

3.6 databank management

Including databank spare and databank revert. (Picture 13)

Databank backup: Back up the databank into other disks. NOTE: Remember the backup path.

Databank revert: There should have been databank backup before this operation. Procedure: Select the databank spare path and press"databank revert".

🖉 Databank Ianagement	X
Select	
📀 Databank Spare	
🔿 Databank Revert	
Please select Path:	
🚍 e: [soft] 💌	
₩ E:\	
● 移动A	
■ ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	
anetaudio	
atabak	
dog	
in frm	
ico 🕑	
Attention: In databank spare,	1
indicating, Confirm replace the file, dialog, select the Databank	
path and then press "(Y)" .	
	1

(Picture 13)

4.Toolbar

- 4.1 will user login/ will user logout: login——Input user name and password logout——Forbid any operation unless after login.(TO logout does not effect the player's working)
- 4.2¹ timing: details in 3.3"Timing"

4.3 Auto/manual select

Select the corresponding records edit of the loop mode in "timing edit" and select the corresponding loop mode in "system setting". The network audio server cannot enable automatic play of the terminals and the only way is to select auto play of the audio sources.(Picture 14)

蜀
Auto/Manual Select
🗖 Audio Source 4 🔲 Audio Source 5 📄 Audio Source 6 📄 Audio Source 7
🗖 Audio Source 8 🦷 Audio Source 9 🦷 Audio Source 10 🗖 Audio Source 11
🗖 Audio Source 12 🦷 Audio Source 13 📄 Audio Source 14 📄 Audio Source 15
🗖 Audio Source 16 🦷 Audio Source 17 🦷 Audio Source 18 🔲 Audio Source 19
Attention: The marked will be played auto, and no mark will play manually.
Enter Return
(Distance 4.4)

(Picture 14)

4.4 Terminal Monitoring:

Two monitor mode: "terminal check" and "manual enter IP address check". (Picture 15)

Terminal check: Check every terminal according to the terminal setting and there are two check outcomes: normal play and malfunction which may caused by the inexistence of the terminal address, line fault and terminal power off.

Manual Enter IP address check: This operation can check certain sector addresses and a single address;

Check a sector addresses: Input numbers (valid range is $1\sim254$); See that the beginning number is less than the ending number.

Check a single address: Input the same beginning number and the ending number.(valid range is 1~254).

🖗 Terminal Monitoring	
	Manual enter IP address Checking
Start Ping Stop Ping	Clear Return
Termainl Name	Terminal Ad Work State

Picture 15

4.5 Power supply control: There are three power sockets that can be set on/off and timing on/off. (Picture 16)

Manual operation of the sockets: green indicator shows OFF and red indicator shows ON.

Timing control of the sockets:

Step 1: Select the "Open Time"

Step 2: Select the "Close Time"

Step 3: Select the power supply and tick it

Step 4: Press the button "add"

🗯 Power Supp	oly Control		\mathbf{X}
Сні	СН2	СНЗ	Programming Open Time: 00:00:00
Open	Open	Open	Close Time: 00:00:00
Close	Close	Close	Г СН1
打开时间	关闭时间 CH1	СН2 СН3	ГСН2 ГСН3
			It can set programs for the power socket, the marked socket will have power supply on/off as
			Add Modify
			Del Return

Picture 16



5. Manual play of the 19 net audio sources

5.1 Three external audio source inputs.

Network PA System			
System Setting User Setting Timing E	lit Terminal Setting Zone Setting	Audio Converter Databank manag	ement Help About
User Logout Timing Edit	Auto/Menuel Select Terminel A	Nonitoring Power Supply Control	Exit
	Autoymandar Serect Terminar	Sourcoring Tower Supply Control	
TERMINAL Terminal Zone Select	Line 1/MIC 1 Input Sound Blaster: Realtek HD A	udio input Volume	
MIC IN Mic/L 1 Mic/L 2 Mic/L 2	© MIC1 8	16 	
MP3 MP3 MP3 MP3 [04] [05] [06] [07] MUSIC Audio 5 Audio 6 Audio 7	C Line 1		
MP3 MP3 MP3 MP3 [08] [09] [10] [11] MUSIC Audio 8 Audio 9 Audio10 Audio11		31	
MP3 MP3 MP3 MP3 [12] [13] [14] [15] MUSIC Audio12 Audio13 Audio14 Audio15	Play Pause	Stop	
MR3 MR3 <td></td> <td>Stop</td> <td>Add Del</td>		Stop	Add Del
Info	2006年9月4日 Ionday	10:51:00	

Picture 17

The three audio sources adopt three sound blasters to input and the corresponding names

are Mic/L 1、Mic/L2、Mic/L3. Operation steps are as below: (Picture 17)

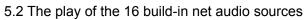
Step 1: Press the button "add" and a dialog as in Picture18 will pop up. Select the net audio terminal.

Step 2: Select input mode, MIC input or Line In input

Step 3: Press the button "play" to speak or play the external audio sources.

Please select terminal	
All the terminals Zone Terminals	Select terminals to the Zone
	Terminals Name
	>>
	Select All
	Clear
]	Enter Cancel

Picture 18



Network PA Sys	sten					\mathbf{X}
System Setting User	Setting Timing Edit	Terminal Setting	Zone Setting J	Audio Converter	Databank mans	agement Help About
User Logout	Timing Edit	NET MA3 Auto/Manual Selec	t Terminal Mo	onitoring Power	اللہ اللہ اللہ اللہ اللہ اللہ اللہ اللہ	L Exit
TERMINAL Terminal MICIN Mic/L 1		Audio Source 4 File: Network F Time: 00:00:00 Progress:	PA System Repeat: 1 Vo	8 \) olume: 0	16 23 31	
MP3 [08] [09]	MP3 MP3 IO61 IO71 MUSIC Audio 7 Audio 6 MP3 I101 I11		're in love w	vith a beautif	. 00:05:12 00:04:12 00:06:08 00:04:21 00:04:38	
MP3 [12] MUSIC	MUSIC Audio10 Audio11 MINA [14] MUSIC Audio14 Audio15					
MP3 [16] MUSIC Audi o16 MUSIC Audi o17	MP3 [18] MUSIC Audio18 MUSIC) () () () () () () () () () (C	Add Del
Info	20	006年9月4日	Tonday	10:54	:59	

Picture 19

Net audio source [4]—net audio source [19] are in the state of manually play and can be

operated manually. Follow the steps below: (Picture 19)

Functions of net audio sources:

1) Play the corresponding info. of the songs according to the net audio source ID (name, length, play time, volume, rate)

- 2) [Play]: Select an item and click"play"when it's in non-timing status.
- 3) [Pause]: Click "pause" when the song is playing in non-timing status.
- 4) Stop]: Click "stop" when the player is in process of play or pause to stop it when it's in non-timing status.
- 5) Manually play condition correspond to the ID list box of the net audio sources including playing status, name and length.
- 6) Timing status correspond to the ON time、OFF time、program name of the net audio sources.
- 7) **T**Add audio files: Add MP3 files to the corresponding list box of net audio source ID.
- 8) Add folders: Add all the MP3 files in the folder to the corresponding list box of net audio source ID.
- Open list: Open the files of which DAT is M3U and add the songs to the corresponding list box of net audio source ID.
 -) Store list: In non-timing state, save the songs in the net audio source list as the DAT"M3U".
- 11) [Normal play]: In non-timing state, select a file to set the item property and the player will play the files in order if the setting is "normal play".
- 12) **[Loop]: In non-timing state, select a file in the list box to set the property. If the item is set cyclic, the file will play circularly.
- 13) W[Break point]:In non-timing state, select a file to set the property and the player will stop after the set file played.
- 14) Show the basic information of the client, time, date and week.

The operation steps of play are as below in non-timing:

- Step 1: Press "add" and a dialog will pop up in which terminals are to be selected. (Picture 18)
- Step 2: Select files in the list box
- Step 3: Press the button"play".
- 6. Terminal/pre-amplifier control and zone control

6.1 Terminal/pre-amplifier control

The display of terminals can show the terminals/pre-amplifier in which users can adjust volume, select programs and see the status messages.(Picture 19)

📕 Network PA Sys	ten						\times
System Setting User S	Setting Timing Edit	Terminal Setting Zor	ne Setting Audi	io Converter	Databank manage	ement Help	About
User Logout	Timing Edit	NET MR3 Auto/Manual Select	Q Terminal Monit	oring Power	Supply Control	F xit	
TERMINAL Terminal	ZONE Zone Select	CLOSE One Terminal Two I	Volume Contro Close Termina				
MIC IN Mic/L 1			Line 1/MIC 1 Line 2/MIC 2 Line 3/MIC 3 Audio Source	Input Input			
	MUSIC Audio 6		Audio Source Audio Source Audio Source Audio Source	6			
MP3 MP3 [08] [09] MUSIC MUSIC Audio 8 Audio 9	MP3 MP3 [10] [11] MUSIC MUSIC Audio10 Audio11		Audio Source Audio Source Audio Source Audio Source	10 11			
MP3 [12] MUSIC Audio12 Audio13	MP3 [14] MUSIC Audio14 MUSIC		Audio Source Audio Source Audio Source Audio Source	14 15			
MR3 MR3 [16] [17] MUSIC Audio16	MP3 [18] MUSIC Audio18	Terminal Name: Terminal Address: Terminal Status: (Audio Source Audio Source Audio Source Close All Ter	18 19		Audio S	elect
Info	20	006年9月4日 ∎α	onday	10:56	5:11		

Picture 19

Two ways to adjust volume and select programs:

- 1): Select terminal/Pre-amplifier and press the right mouse button to pop up the menu which provides volume adjustment, sources switch and terminals close.
- 2): Select terminal/pre-amplifier and press the button"switch". A window as in Picture 20 will pop up.

🛱 The Opera	tion Vinde	ow is: Two	Terminal	
Mic/L 1	MIC IN Mic/L 2	MIC IN Mic/L 3	IO4] MUSIC Audio 4	MP3 LO5J MUSIC Audio 5
IOG MUSIC Audio 6	IO7] MUSIC Audio 7	MP3 [08] MUSIC Audio 8	LO9 MUSIC Audio 9	MP3 [10] MUSIC Audio 10
[11] MUSIC Audio 11	[12] MUSIC Audio 12	[13] MUSIC Audio 13	L14 MUSIC Audio 14	MP3 [15] MUSIC Audio 15
[16] MUSIC Audio 16	[17] MUSIC Audio 17	[18] MUSIC Audio 18	(19) MUSIC Audio 19	TERMINAL Close
Vol	ume		Cance	1
	(Picture	e 20)		

6.2 Zone control

The display shows all the zone info and users can do volume adjustment, program selecting and see the terminal/pre-amplifier status messages.

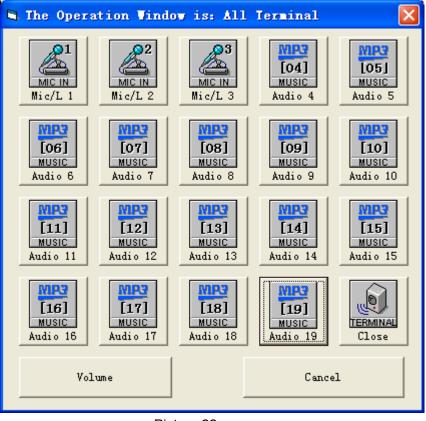
Network PA System] lit Terminal Setting Zone Setting Audio Converter Databank management Help About
User Logout	Auto/Manual Select Terminal Monitoring Power Supply Control Exit
User Logout Timing Edit Timing Edit Terminal Zone Select Zone Select Zone Select MIC IN Mic/L 1 Mic/L 2 MIC IN Mic/L 2 MIC IN Mic/L 3 MIC IN Mic/L 3 MIC IN Mic/L 3 MIC IN Mic/L 3 MIC IN Mic/L 3 MIC IN Mic/L 3 MIC IN MIC IN	Auto/Manual Select Terminal Monitoring Power Supply Control Exit Image: Control Control Image: Control Control Control Image: Control Con
MR3 M13 M13 <td>Audio Source 17 Audio Source 18 Audio Source 19 Close All Terminal</td>	Audio Source 17 Audio Source 18 Audio Source 19 Close All Terminal
Info	2006年9月4日 Nonday 10:59:17

(Picture 21)

Two ways to adjust volume and select program in zones:

1) Select the zones and press the right mouse button to pop up the menu which provides volume adjustment, sources switch and terminals close.

2) Select the zones and press"switch" to pop up a window as in Picture 22.



Picture 22