



KNTD-100



UC features for up to 100 users

The KNTD-100 IP PBX appliance is designed to bring leading edge voice, video, data, and ability features to enterprises, small and medium businesses, retail and residential environments in an easy-to-manage fashion. This enterprise-grade on premise IP PBX supports E1, SIP Trunk, RJ45 networks and offers scalability by supporting up to 100 users. This secure and reliable IP PBX delivers unified communication features at an unprecedented price point without any licensing fees, costs-per-feature, or recurring fees. Host Standby N+1 redundancy System design.



MIX 100 users
Supports up to 100 users, 10 SIP trunk accounts, up to 100 concurrent calls



Zero configuration
provisioning of
KNTECH SIP
End points



Strongest-possible
security protection
using HTTP



Supports IVR
(Interactive Voice
Response)



Built-in call recording
server; recordings
accessed via web
user interface



Supports call queue
for efficient call
volume management



Multi-language
auto-attendant to
efficiently handle
incoming calls



Integrated
Flexible dial plan



Supports any SIP
video endpoint that
using the H.264

Model	KNTD-100 IPPBX Enterprise - class unified communication system
Hardware interface	
	Host Standby N+1 redundancy System design
Network Interface	RJ45 Gigabit interface (10/100 / 1000M Ethernet adaptive)
Reset switch	Support, Web configuration
Audio / video capability	
Speech algorithm	G.711, 7.29, 7.23,7.26 encoding
Voice	G.711 A-law / U-law, G.723.1, G.726, G.729A
Video coding	H.264.
Signaling protocol	
DTMF detection method	Support RFC2833, SIP INFO
Digital signal	SIP2.0
Terminal management and automatic	Support for SIP terminal plug-and-play auto-deployment (including DHCP / multicast SIP , support Remote upgrade,local upgrade

deployment capabilities	
Network protocol	TCP / UDP / IP, RTP DHCP,SSH, HTTP, SIP
Safety	
Media encryption	HTTP
Advanced defense	Alert events, whitelists, blacklists.
Physical characteristics	
Global universal power supply	Input: 100 ~ ~ 240VAC, 50 / 60Hz;
weight	Equipment weight: 3.5 Kg; Package weight: 4.4Kg
Use the environment	Operating environment: 32 - 113° F / 0 ~ 45° C, humidity 10 - 90% (No condensation) Storage environment: 14 - 140° F / - 10 ~ ~ 60° C, humidity 10 - 90% (No condensation)
size	440mm (L) x 280mm (W) x 44mm (H) IU standard
installation	Desktop or cabinet installation
Additional features	
Multi-language support	Web user interface supports English / Simplified Chinese, customizable IVR / voice prompts in English, Chinese
Caller ID	ETSI-DTMF
Call Center	Supports call queues .
Customize Auto Attendant	Supports IVR (Interactive Voice Response)
Concurrent call capability	Up to 5,000 SIP terminals can be registered, up to 500 concurrent calls
Meeting room capacity	Supports up to 10 voice conference rooms, up to 100 voice conference members
Call function	Calls waiting, Call transfer, Ringing group,Subgroup,meeting,broadcast, blacklist, call / intercom, etc.

KNTECH IP PABX MODEL NUMBER

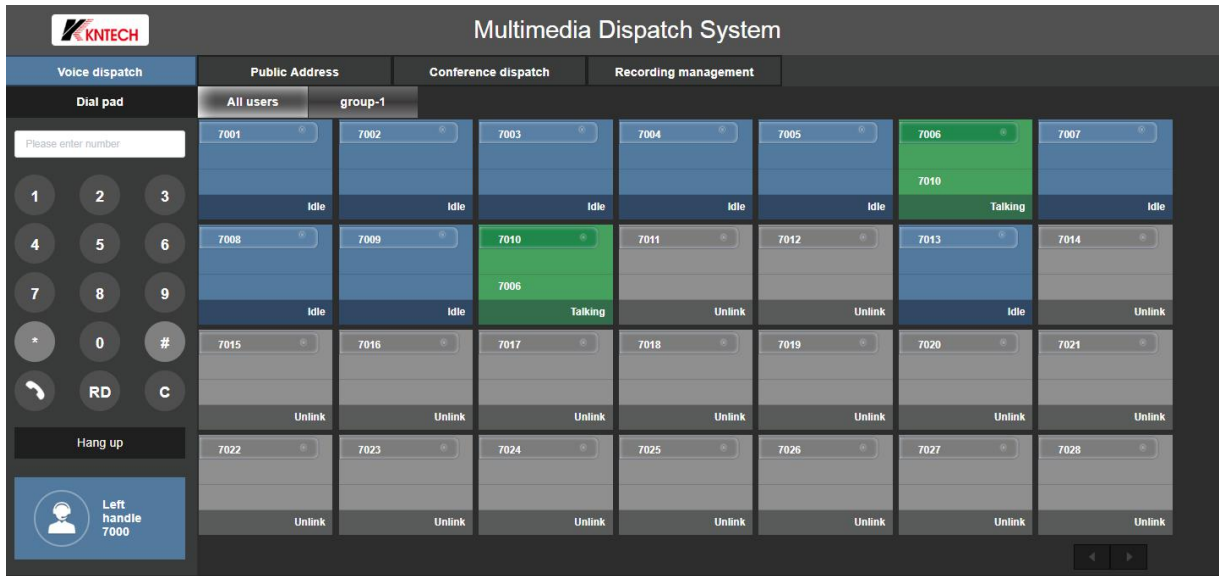
SIMULTANEOUS CALLS

REGISTER USER	SIMULTANEOUS CALLS	MODEL NUMBER
50 line	15 line	KNTD-50
100 line	30 line	KNTD-100
300 line	90 line	KNTD-300
500 line	150 line	KNTD-500
800 line	400 line	KNTD-800
1000 line	300 line	KNTD-01K
3000 line	900 line	KNTD-03K
5000 line	1500 line	KNTD-05K

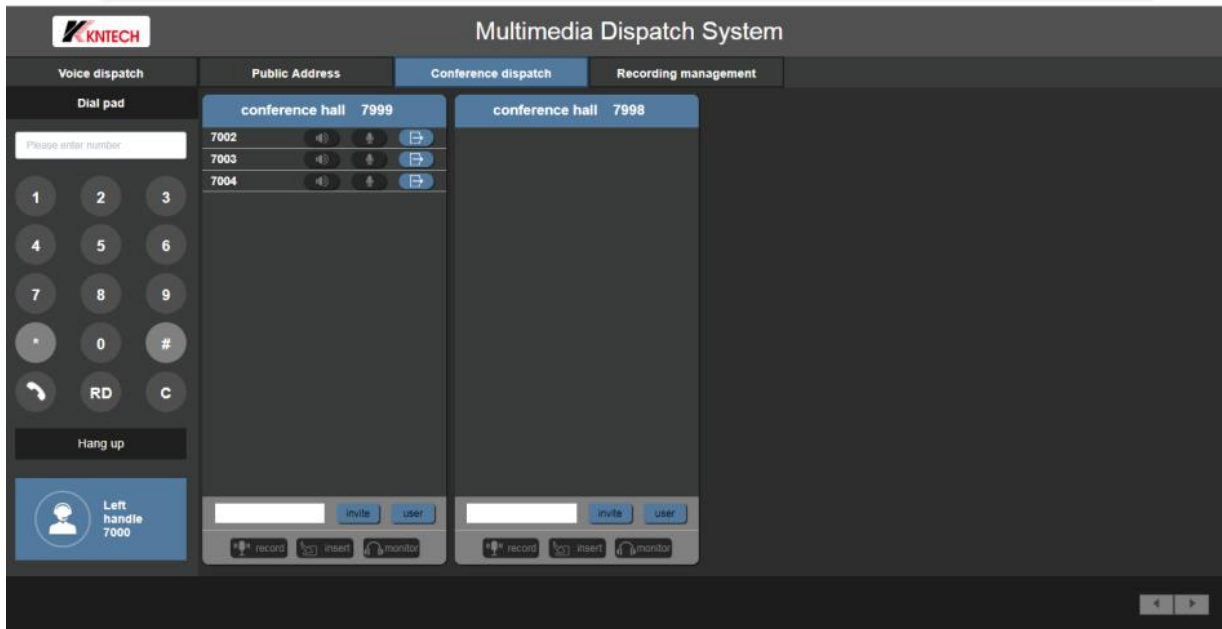
Voice dispatch-Telephone call

Blue color means on line , green color means ringing, yellow color means busy.

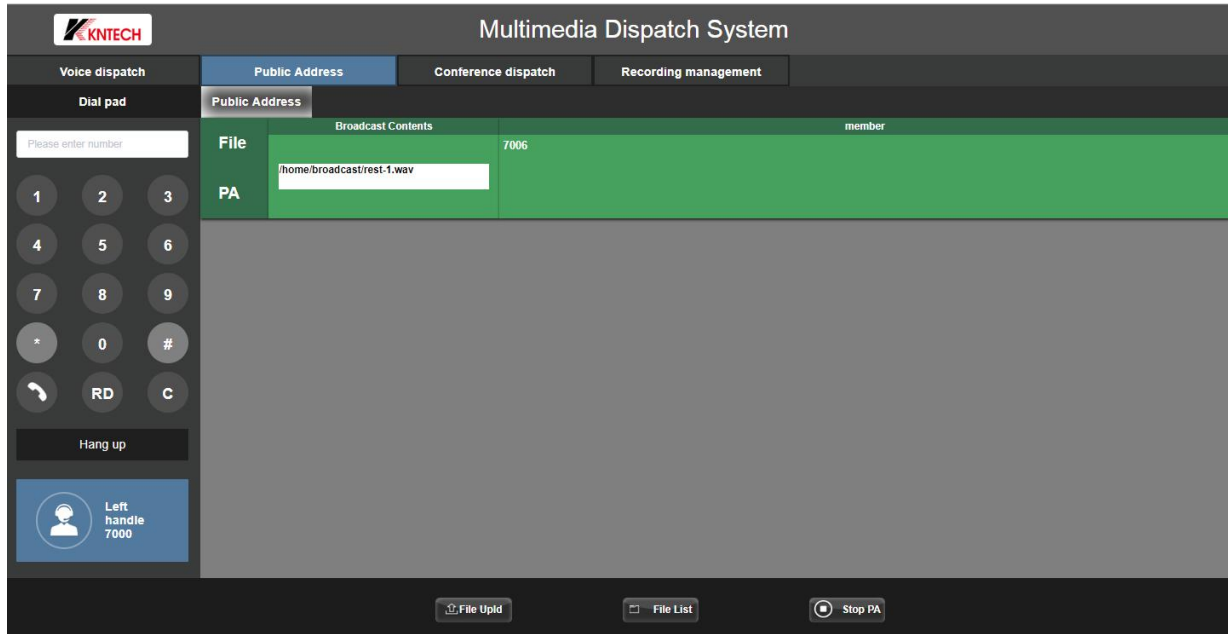
The screenshot displays the Multimedia Dispatch System interface. At the top, there is a navigation bar with tabs for 'Voice dispatch', 'Public Address', 'Conference dispatch', and 'Recording management'. Below this, a 'Dial pad' is visible on the left, and a grid of user lines is shown in the center. The grid is organized into two main sections: 'All users' and 'group-1'. Each line in the grid is represented by a colored box with a status indicator. For example, line 7003 is yellow (busy), line 7004 is green (ringing), and line 7003 is also labeled 'Call Out'. Other lines are blue (on line) or grey (unlinked). At the bottom of the interface, there is a row of control buttons including 'call', 'Hang up', 'insert', 'monitor', 'Recording', 'stop recording', 'PA', and 'File PA'.



Conference dispatch-Meeting room

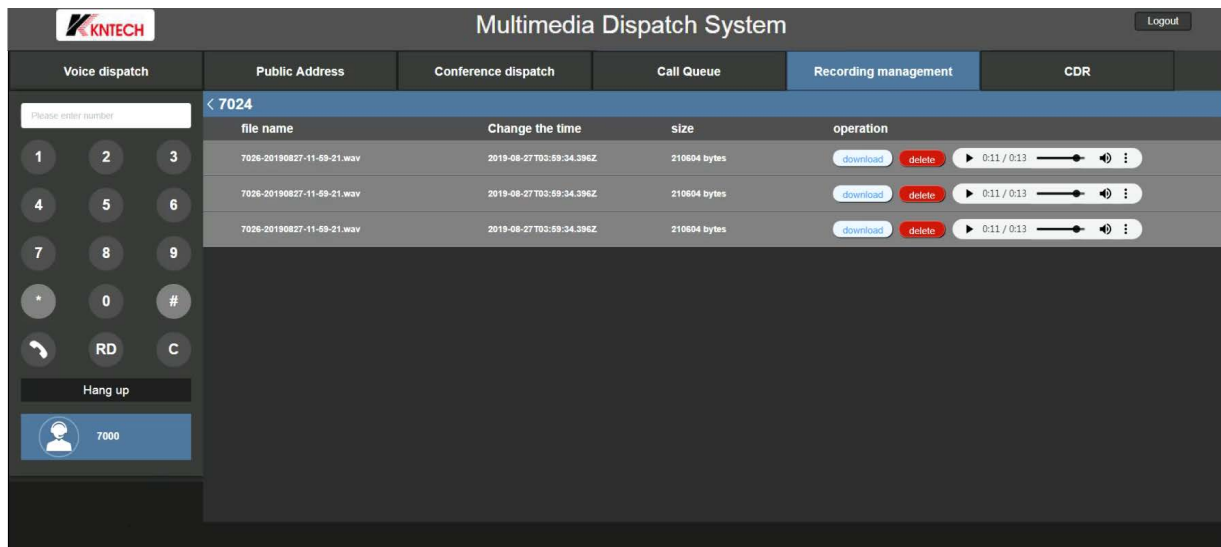


Public Address



The screenshot shows the 'Public Address' interface of the Multimedia Dispatch System. The top navigation bar includes 'Voice dispatch', 'Public Address', 'Conference dispatch', and 'Recording management'. The 'Public Address' sub-tab is active. On the left, there is a 'Dial pad' with a numeric keypad (1-9, *, 0, #), 'RD', 'C', and 'Hang up' buttons. Below the dial pad is a 'Left handle 7000' button. The main content area is divided into 'File' and 'PA' sections. The 'File' section shows a table with columns for 'Broadcast Contents' and 'member'. The 'Broadcast Contents' column contains the file path '/home/broadcast/rest-1.wav'. The 'PA' section is currently empty. At the bottom, there are three buttons: 'File Upd', 'File List', and 'Stop PA'.

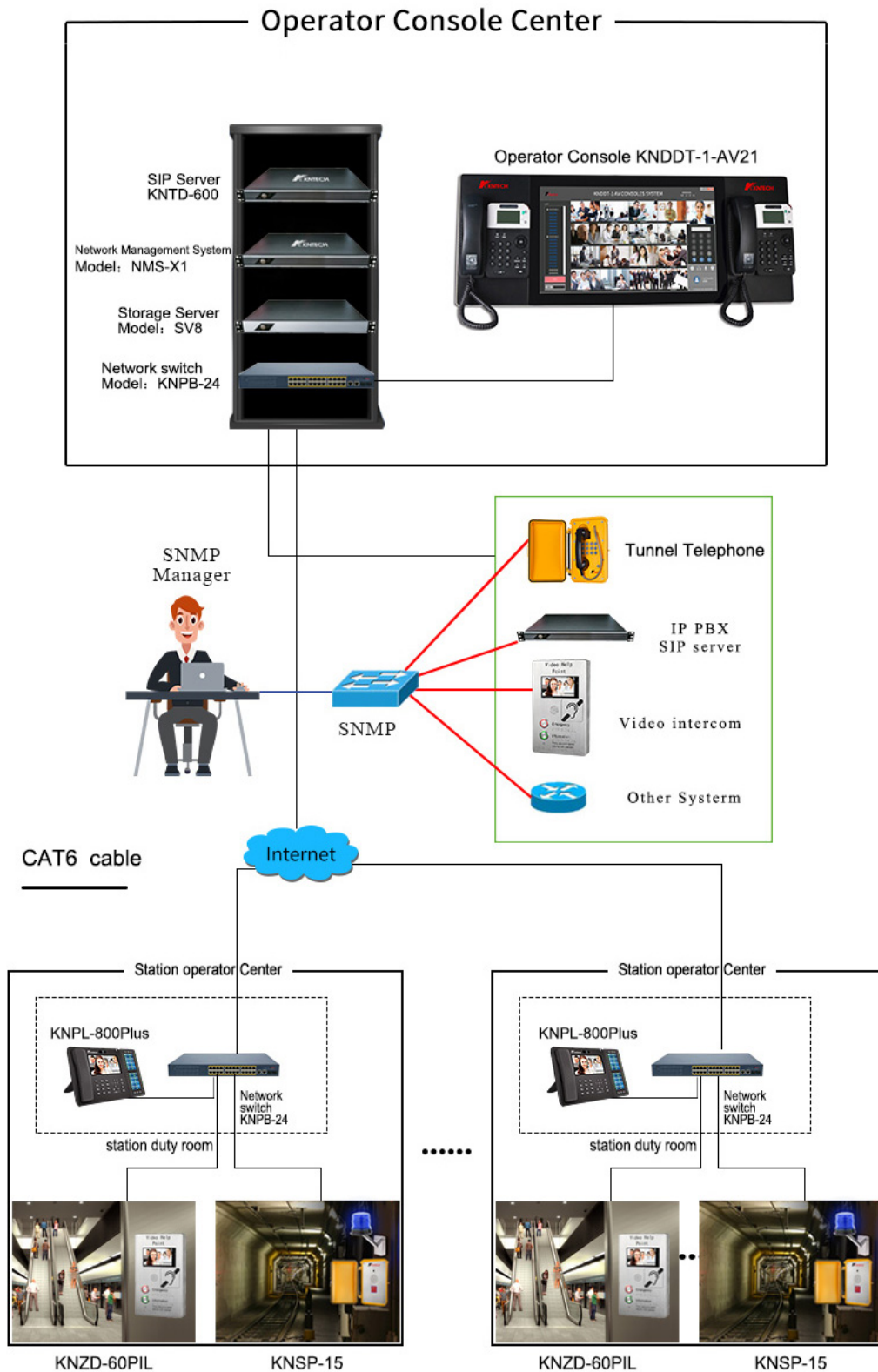
Recording management



The screenshot shows the 'Recording management' interface of the Multimedia Dispatch System. The top navigation bar includes 'Voice dispatch', 'Public Address', 'Conference dispatch', 'Call Queue', 'Recording management', and 'CDR'. The 'Recording management' sub-tab is active. On the left, there is a 'Dial pad' with a numeric keypad (1-9, *, 0, #), 'RD', 'C', and 'Hang up' buttons. Below the dial pad is a button with a person icon and the number '7000'. The main content area shows a table with columns for 'file name', 'Change the time', 'size', and 'operation'. The table is filtered by '< 7024'. The table contains three rows of recording data, each with a 'download' button, a 'delete' button, a play button, a progress indicator (0:11 / 0:13), a volume icon, and a menu icon.

file name	Change the time	size	operation
7026-20190827-11-09-21.wav	2019-08-27 10:59:34.396Z	210604 bytes	download delete 0:11 / 0:13 [volume icon] [menu icon]
7026-20190827-11-09-21.wav	2019-08-27 10:59:34.396Z	210604 bytes	download delete 0:11 / 0:13 [volume icon] [menu icon]
7026-20190827-11-09-21.wav	2019-08-27 10:59:34.396Z	210604 bytes	download delete 0:11 / 0:13 [volume icon] [menu icon]

Emergency telephone system



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