



## KNTD-50



### UC features for up to 50 users

The KNTD-50 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 SIP Trunk, RJ45 networks and offers scalability by supporting up to 50 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.



MIX 100 users  
Supports up to 50 users, 10 SIP trunk accounts, up to 50 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-50 IPPBX Enterprise - class unified communication system
<b>Hardware interface</b>	
Network Interface	RJ45 Gigabit interface (10/100 / 1000M Ethernet adaptive)
Reset switch	Support, Web configuration
<b>Audio / video capability</b>	
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.
<b>Signaling protocol</b>	
DTMF detection method	Support RFC2833, SIP INFO
Digital signal	SIP2.0
Terminal management and	Support for SIP terminal plug-and-play auto-deployment (including DHCP / multicast SIP , support Remote upgrade,local upgrade

automatic deployment capabilities	
Network protocol	TCP / UDP / IP, RTP DHCP,SSH, HTTP, SIP
<b>Safety</b>	
Advanced defense	Alert events, whitelists, blacklists.
<b>Physical characteristics</b>	
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
<b>Additional features</b>	
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.

**Multimedia Dispatch System**

Voice dispatch | Public Address | Conference dispatch | Recording management

Dial pad | All users | group-1

User ID	Status	User ID	Status	User ID	Status	User ID	Status	User ID	Status	User ID	Status	User ID	Status
7001	Idle	7002	Idle	7003	Ring	7004	Call Out	7005	Idle	7006	Idle	7007	Idle
7008	Idle	7009	Idle	7010	Idle	7011	Unlink	7012	Unlink	7013	Idle	7014	Unlink
7015	Unlink	7016	Unlink	7017	Unlink	7018	Unlink	7019	Unlink	7020	Unlink	7021	Unlink
7022	Unlink	7023	Unlink	7024	Unlink	7025	Unlink	7026	Unlink	7027	Unlink	7028	Unlink

Left handle 7000

call | Hang up | insert | monitor | Recording | Stop recording | PA | File PA

**Multimedia Dispatch System**

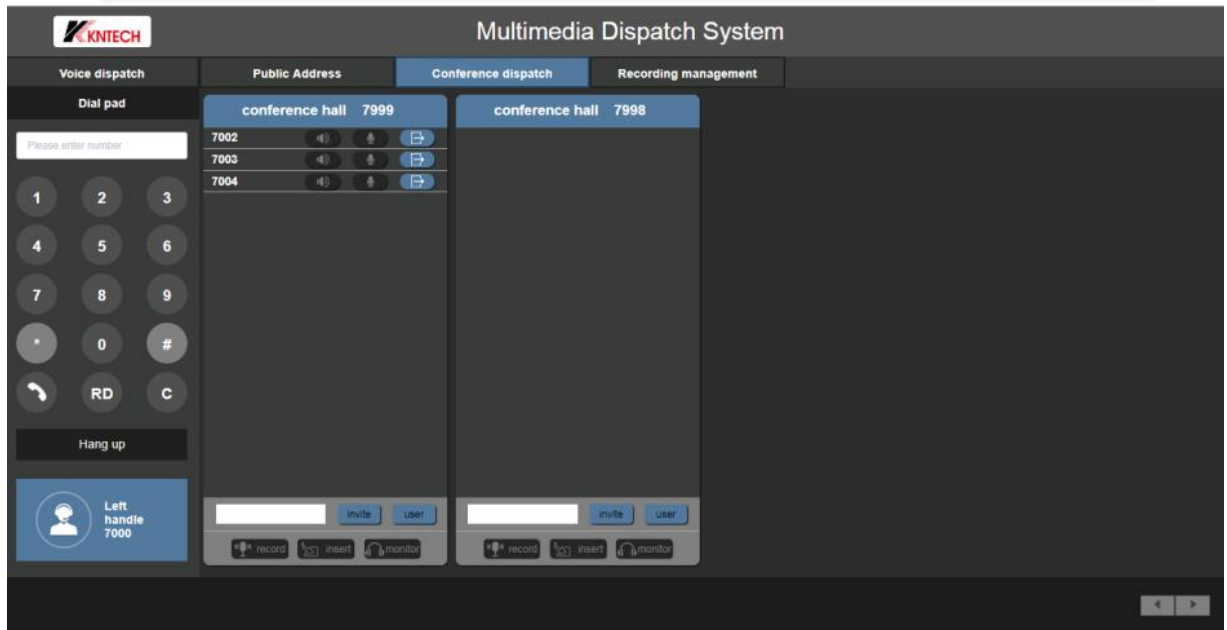
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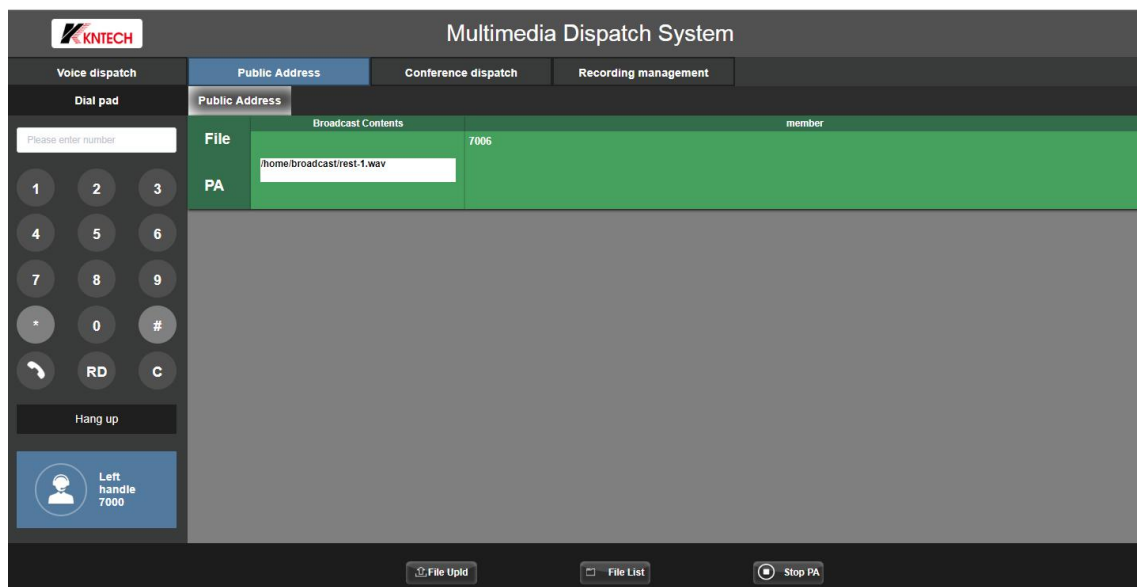
User ID	Status	User ID	Status	User ID	Status	User ID	Status	User ID	Status	User ID	Status	User ID	Status
7001	Idle	7002	Idle	7003	Idle	7004	Idle	7005	Idle	7006	Talking	7007	Idle
7008	Idle	7009	Idle	7010	Talking	7011	Unlink	7012	Unlink	7013	Idle	7014	Unlink
7015	Unlink	7016	Unlink	7017	Unlink	7018	Unlink	7019	Unlink	7020	Unlink	7021	Unlink
7022	Unlink	7023	Unlink	7024	Unlink	7025	Unlink	7026	Unlink	7027	Unlink	7028	Unlink

Left handle 7000

## Conference dispatch-Meeting room



## Public Address



## Configuration Manual

**KNTECH** Multimedia Dispatch System

Voice dispatch | Public Address | Conference dispatch | **Recording management**

Dial pad < 7999

Please enter number

file name	Change the time	size	operation	
20180708-06-30-19.wav	2018-12-08T03:53:12.213Z	304640 bytes	download	delete
20180714-05-45-10.wav	2018-12-08T03:53:12.193Z	347360 bytes	download	delete
20181021-20-37-07.wav	2018-12-08T03:53:12.193Z	58240 bytes	download	delete
20181121-19-29-04.wav	2018-12-08T03:53:12.193Z	80960 bytes	download	delete
20181121-19-34-07.wav	2018-12-08T03:53:12.177Z	341440 bytes	download	delete
20181121-21-26-44.wav	2018-12-08T03:53:12.197Z	234720 bytes	download	delete

1 2 3  
4 5 6  
7 8 9  
\* 0 #  
RD C  
Hang up  
Left handle 7000

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