



## KX-NS700 BUSINESS COMMUNICATIONS SOLUTION **PRELIMINARY** GREATER FLEXIBILITY. HIGHER QUALITY COMMUNICATIONS.

For any small or medium-sized business looking to take advantage of Panasonic's reputation for quality technology, without needing a huge budget, the new KX-NS700 unified communications solution provides the answers. This smart hybrid PBX is a cost-effective legacy and IP communication system for companies with up to 250 employees that can be flexibly configured and expanded according to the specific requirements of their business.

The KX-NS700 has advanced features and starts from only 6 extensions, up to 288 extensions with an Expansion Unit. It is also a unified communications system which has rich IP features, such as mobile linking, integrated voicemail and e-mail, instant messaging (chat), and presence information.

It can also use built-in applications such as a call centre solution, mobile solution and voicemail system to provide more efficient work and increased customer satisfaction.

### KEY FEATURES

- Smart hybrid PBX system for small and medium-sized businesses
- Expand from 6 extensions, up to 288 extensions with Expansion Unit
- Cost-effective installation and operation
- Built-in applications include call centre solution, mobile solution and voicemail



KX-TCA385 - New DECT Phone



KX-NT560 - New IP Terminal



Call Centre Solution

# THE SYSTEM THAT GROWS WITH YOUR BUSINESS

## BUILT-IN AUTO ATTENDANT

As a standard feature, the KX-NS700 can connect customers to the appropriate section or operator according to their query in call routing with voice guidance. It can also prompt the customers to leave a voice message when the operator is away.

## USE EXISTING RESOURCES

Existing analogue PTs and digital DTs from Panasonic can continue to be used, enabling a system to be replaced at a low cost without wasting resources.

## ENHANCED VOICEMAIL

The KX-NS700 can be expanded to a voicemail system that can record a maximum of 24 channels at the same time and store up to 400 hours. It also sends an email to notify users when they have new voice messages. The messages can also be received as attachment files and forwarded. Email notification can also be sent for missed calls where the customer did not leave a message, enabling users to quickly contact the customer.

## CALL CENTRE SOLUTION

The KX-NS700 includes an advanced call routing function for small to medium size call centres. This function can be used without an external CTI server. More efficient call reception enables you to effectively utilise limited resources to assist in improving customer service.

## AUTO-RECORDING AND BACKING-UP CONVERSATIONS

The voicemail system function can be used to automatically record conversations with customers. The recorded voice data can be automatically saved to USB memory or an external server via the internet, and listened when required. The data can be used to understand problems or opportunities relating to customer service.

## COMPATIBLE WITH MODERN, STYLISH PHONES

Using Panasonic's latest KX-TCAx85 Series wireless phone, KX-DT5xx Series digital desktop phones and KX-NT5xx Series IP Phones. Also, you can use a wide range of external applications from our third-software developers partners.

## SPECIFICATIONS

Items		KX-NS700	KX-NS720
CPU Card	LED	STATUS: 3 colours (Green/Amber/Red) PBX Mode: 3 colours (Green/Amber/Red)	STATUS: 3 colours (Green/Amber/Red)
	Switch	System mode SW. Slide switch	
	Option card Interface	DSP/RMT/EXP-M	
	SD card I/F	Complies with SD/SDIO 2.0 Specifications	
BASE Card	USB I/F	USB 2.0 (High speed). Host port. Type A connector	
	Analogue Trunk	n/a	
	PFT I/F	2 ports	
	Analogue Extension	4 ports support Caller ID and Message Waiting Lamp function	
	Digital Extension	n/a	
	Music on Hold (MOH)	Internal MOH: 8 ports. External MOH: 2 ports (Available exclusively with External Paging)	
Power Unit	External Paging	2ports	
	Option card Interface	TRUNK/EXTENSION	
Chassis	AC Input	AC200V-240V 50/60Hz: 1.3A	AC200V-240V 50/60Hz: 1.3A
	Power consumption	Normal rated power (NRP): 104VA	
Regulatory	Dimension	430mm(W)×88mm(H)×335mm(D) 19 inch Rack mount size 2U	430mm(W)×88mm(H)×335mm(D) 19 inch Rack mount size 2U (Tentative Size)
	Weight	Kg (under study)	
Operating Temperature	EMC	CISPR22 Class B	
	Safety	EN60950, UL60950, IEC60950	
	Telecommunications	TBR4, FCC Part68	
Operating Humidity		0°C to 40°C	
		10 % to 90 % (non-condensing)	

# SYSTEM CAPACITY

## MAXIMUM TRUNKS

THE PBX SUPPORTS THE FOLLOWING NUMBER OF TRUNKS.

Trunk (ch)		Basic	Basic	With 1 Expansion	With 2 Expansion	With 3 Expansion
		Pre Install	Max.	Max.	Max.	Max.
Legacy		0	102	138	174	210
		0	38 (30+8)	74	110	146
	LCOT	0	12	24	36	48
	BRI	0	8	16	24	32
	PRI23	0	23	46	69	92
	PRI30	0	30	60	90	120
	E1	0	30	60	90	120
	T1	-	-	-	-	-
IP		0	64	64	64	64
	SIP	0	64	64	64	64
	H.323	0	32	64	64	64

## MAXIMUM TERMINAL EQUIPMENT

THE FOLLOWING SHOWS THE NUMBER OF EACH TERMINAL EQUIPMENT TYPE SUPPORTED BY THE PBX.

Extension (ch)		Basic	Basic	With 1 Expansion	With 2 Expansion	With 3 Expansion
		Pre Install	Max.	Max.	Max.	Max.
[DXDP]		4	166	198	230	262
Legacy		4	38	70	102	134
	[DXDP]		(40)	(80)	(120)	(160)
	SLT	4	36 (32+4)	68 (64+4)	100 (96+4)	132 (128+4)
	DPT (T76xx/DT3xx)	2	34 (32+2)	66 (64+2)	98 (96+2)	130 (128+2)
	[DXDP]		(38)	(78)	(118)	(158)
	DPT (T74xx/T75xx)	0	8	16	24	32
	APT	0	8	16	24	32
IP		0	128	128	128	128
	IP-PT	0	128	128	128	128
	SIP	0	128	128	128	128
	SIP Phone*3	0	128	128	128	128
	KX-UT series	0	128	128	128	128
	S-PS (SIP based DECT)	0	128	128	128	128
CS (cps)		0	24	32	40	48
	DPT-CS(2ch)	0	8	16	24	32
	DPT-CS(8ch)	0	4	8	12	16
	IP-CS(8ch)	0	16	16	16	16
	New IP-CS(4ch/8ch) TBD	0	32	32	32	32
	SIP-CS	0	16	16	16	16
PS (DECT) (pcs)		128	128	128	128	128
VM		24	24	24	24	24
	ESVM (ch)	2	2	2	2	2
	Built-in UM (ch)	0	24	24	24	24
	TVM unit	2	2	2	2	2
Doorphone		0	2	4	6	8
	Doorphone	0	2	4	6	8
	Door Opener	0	2	4	6	8
	Sensor	0	2	4	6	8
PFT		2	2	2	2	2
		(2)	2	4	6	8
MOH / BGM		(2)	2	2	2	2
EPG		(2)	2	2	2	2



# SYSTEM FEATURE CAPACITY

Category	ITEM	Max. Number - KX-NS700
System	Absent Message—Extension	1
	Absent Message—System	8
	Call Park Zone	100
	Conference	3 – 8 parties per conference (32 parties total)
	Class of Service (COS)	64
	DID/DDI Table	32 digits, 1000 entries
	Extension number	1 – 5 digits (PSs: 1-4 digits)
	Host PBX Access Code	10 per trunk group (10 digits)
	Number of Characters of Name	20
	Printing message	8
	Queuing Time Table	64
	Ring Tone Pattern Plan	8
	SMDR Call Storage	1000 calls (Without SD card)/40000 calls (With SD card)
	Chare Record for Hotel	1000 calls (Without SD card)/10000 calls (With SD card)
	Special Carrier Access Code	16 digits, 20 entries
	Tenant	8
	Time Service Holiday	24
Verification Code	4 digits, 1000 entries	
Verification Code Personal Identification Number (PIN)	10 digits, 1000 entries	
Dialling	Emergency Call entries	10
	Personal Speed Dialling	100/Extension
	Quick Dialling	4000
	System Speed Dialling	1000 entries/tenant
Group	Conference Group	8 (8 members/group for Conference Group Mode, 32 members/group for Broadcast Mode)
	Call Pickup Group	64
	Idle Extension Hunting Group	64 (16 extensions/group)
	Incoming Call Distribution Group	128 (128 extensions/group)
	Paging Group	32
	PS Ring Group	32
	Trunk Group	64
	UM Group	1
	VM Group	2
P2P Group	32	
TRS/Barring	TRS/Barring Level	7
	TRS/Barring Denied Code	100
	TRS/Barring Exception Code	100
ARS	Routing Plan Table	48
	Leading Number Table	1000
	Leading Number Exception Table	200
	ARS Carrier	48
Call Log and Message Waiting	Outgoing Call Log—PT	100/extension, 1520/system
	Outgoing Call Log—PS	100/extension, 640/system
	Incoming Call Log—PT	100/extension, 3040/system
	Incoming Call Log—PS + Incoming Call Distribution Group	100/extension, or group, total 2560/system
	Message Waiting—PS + Incoming Call Distribution Group	256
Voice Message	Outgoing Message (OGM)	64
	OGM Total Recording Time	20 minutes
	Build-in Simplified Voice Message (SVM)	125 messages
	SVM Total Recording Time	120 minutes
	Number of Chanel for SVM	2ch
Unified Messaging	Number of Mailboxes	500
	Total Recording time	40h/200h/400h (SD XS/S/M)
	Maximum Message Length	1 - 60 min (programmable) Unlimited for two-way recording
	Number of Chanel for UM	24ch
	Length of Personal Greeting	Max:360s
ACD report	Custom Service	Up to 200
	Number of Call log for ACD report	300,000

