KX-NCP0158 High Density DECT IP Cell Station

The KX-NCP0158 high density DECT IP CS (cell station) allows businesses to cost effectively increase employee availability, by allowing calls to be made from many more locations, by providing unhindered access to wireless telephony for up to eight (8) simultaneous DECT mobility users per cell. Multiple cell stations can be installed to allow more DECT handset users leverage from the wireless solution.

The high density IP cell station can be easily installed by simply connecting it to an IP network and then pressing a button to register it with the associated TDE PBX or NCP Network Communication Platform.

High-density IP cell stations can be used to easily enhance DECT wireless coverage - allowing employees to roam freely and still be easily contactable.

Business mobility becomes a breeze - with Panasonic wireless mobility solution.

Extending Wireless Mobility

Extend the range of wireless communication with a High Density cell station that boosts the flexibility and mobility of multiple wireless handset. Automatic hand-over between installed wireless cells - enhancing coverage and giving you true communication mobility even within large premises.

Enjoy superb mobility whatever your business demands.

Whether you work in an office, a factory, a warehouse, a supermarket, or other large facility, the Panasonic Multi-Cell DECT System keeps you in constant touch with colleagues and customers giving you untethered access while on the move. Enjoy the freedom to communicate wirelessly with crystal clear voice quality.

LED Status Indication

A visible LED clearly indicates operational status and can help quickly identify any service issues.

OFF: Power Off / CS Software download

Green ON: Standby (no active calls)

Slow Green Flashing : Talk (an active call)

Moderate Green Flashing: Busy *

Red ON: Fault

Slow Red Flashing: Out of Service / Start up (data link establishment - air synchronisation)

Moderate Red Flashing: Start up (power on - data link establishment)

Amber ON: Standby - unstable synchronisation (no active calls)
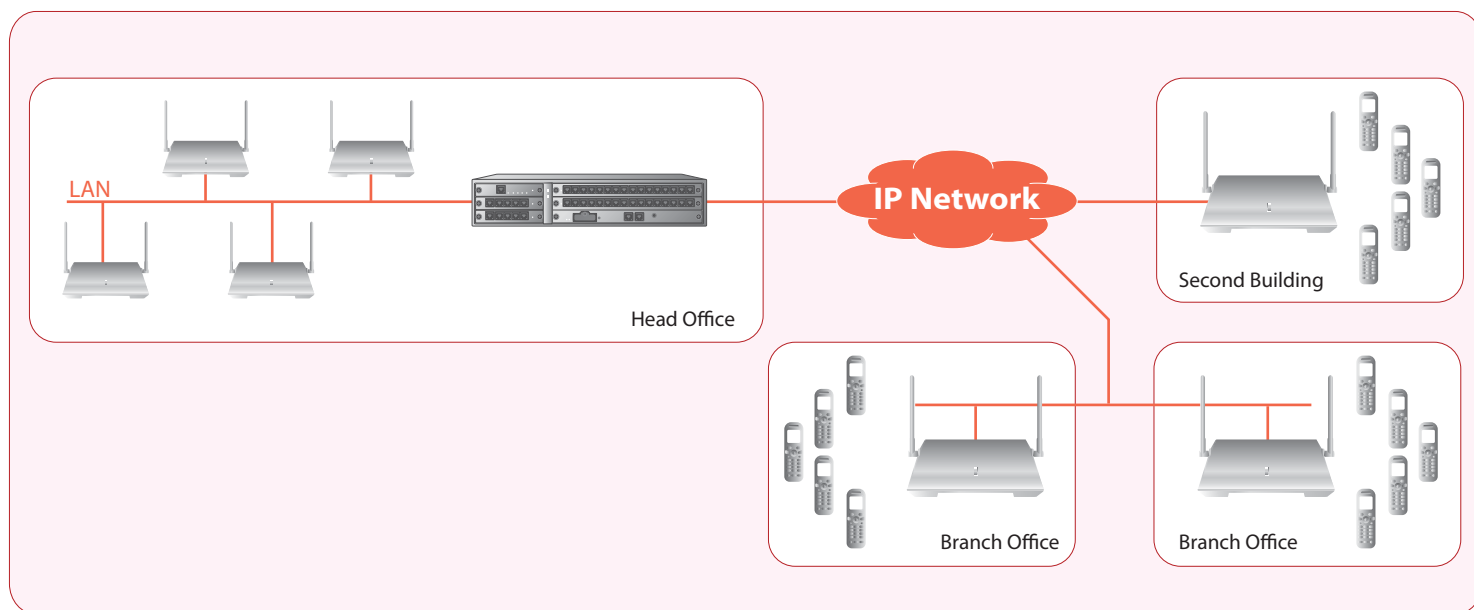
Slow Amber Flashing: Talk - Unstable synchronisation (active calls)

Moderate Amber Flashing : Busy - Unstable synchronisation *

* All 8 channels are occupied.

Wireless Solutions for Branch Offices and Long Distance Premises.

Panasonic's KX-NCP0158 IP CS provides wireless solutions for branch offices and long distance installation on larger premises. Helping businesses save costs with converged voice and data networks, whilst utilising existing DECT PS (Portable Station) and existing IP infrastructures.

Specifications

Category	Items	Specifications
Basic Specifications	Wireless Interface	DECT
	Number of Simultaneous Calls	8
	Repeater Connection for Range Extension	Yes
	Power Supply	PoE (IEEE 802.3af) and AC adapter
	CODEC (Wireless)	G.726
	CODEC (IP)	G.711, G.729a (Selectable by each IP CS)
IP & PBX Features	VoIP Signalling Protocol	Proprietary
	LAN Port	10 base-T / 100 base-TX
	VLAN	No
	Jitter Buffer Size	Max. 200ms
	IP Port Number Flexible Setting	Yes
	DHCP Client	Yes
	Static IP Address Setting	Yes
	Syslog	Yes
	LED for Status Indication	Yes
	Software Upgrade	Yes
	PS Handset Software Upgrade over Air	Yes (IP CS software upgrade required)
	DECT CTI (From NCP V2)	Yes
	Initialisation	Yes (set by DIP switch)
	Site Survey Mode	Yes (set by DIP switch)
	Configuration	Yes (via PC Maintenance Console)
General Specifications	Dimensions	178mm x 180mm x 35mm
	Weight	400g
	Operating Temperature	0C to 40C

System Capacity

PBX	Max Number of High Density CS
KX-NCP500	2
KX-NCP1000	8
KX-TDE100/200	8
KX-TDE600	8

PBX Requirements

	Hardware
NCP	KX-NCP500/1000 MPR software file version 2.0 or later
TDE	KX-TDE100/200/600 MPR software file version 3.0 or later