

Activation Keys

Activation keys are electronic codes/files that can be downloaded by registered Panasonic agents* from the Panasonic Key Management System (KMS). The activation keys can be installed in Panasonic Communication Platforms (and related software) to enable or extend various features, options and applications.

*For further information about how to register to download Activation keys – please contact the Panasonic sales company in your country.

The Activation Keys described in this document cover the following communication platforms:

KX-TDE100 / 200 OneNet - MPR Software Version 4.0

KX-TDE600 OneNet - MPR Software Version 4.0

KX-NCP500X/V / 500 / 1000 OneNet - MPR Software Version 4.0

Built-in Activation Keys

The following type and number of activation keys are preinstalled:

Card Type	Model Number	Activation Key	Supported IP Trunks/IP-PTs
DSP4*1	KX-NCP1104	4-Channel IP Trunk	4 IP trunks (H.323/SIP); 8 IP-PTs
		8-Channel IP Proprietary Telephone	
DSP16	KX-TDE0110	4-Channel IP Trunk	4 IP trunks (H.323/SIP); 8 IP-PTs
		8-Channel IP Proprietary Telephone	
DSP64	KX-TDE0111	16-Channel IP Trunk	16 IP trunks (H.323/SIP); 32 IP-PTs
		32-Channel IP Proprietary Telephone	

*1 KX-NCP500/1000 only

Communication Platform Activation Keys and Maximum Capacity

Model Number	Description of Activation Keys	Maximum Number Per System				
		TDE100/200	TDE600	NCP500	NCP500X/V	NCP1000
KX-NCS3102	Allows the use of 2 IP trunks*2 (H323/ SIP)	-	-	4	4	16
KX-NCS4102	Allows the use of 2 IP trunks*2 (H323/ SIP)	32	32	-	-	-
KX-NCS3104	Allows the use of 4 IP trunks*2 (H323/ SIP)	-	-	2	2	8
KX-NCS4104	Allows the use of 4 IP trunks*2 (H323/ SIP)	16	16	-	-	-
KX-NCS3201	Allows the use of 1 IP-PT/IP softphone*3	-	-	128	128	128
KX-NCS4201	Allows the use of 1 IP-PT/IP softphone*3	128	128	-	-	-
KX-NCS3204	Allows the use of 4 IP-PTs/IP softphones*3	-	-	32	32	32
KX-NCS4204	Allows the use of 4 IP-PTs/IP softphones*3	32	32	-	-	-
KX-NCS3208	Allows the use of 8 IP-PTs/IP softphones*3	-	-	16	16	16
KX-NCS4208	Allows the use of 8 IP-PTs/IP softphones*3	16	16	-	-	-
KX-NCS3216	Allows the use of 16 IP-PTs/IP softphones*3	-	-	8	8	8
KX-NCS4216	Allows the use of 16 IP-PTs/IP softphones*3	8	8	-	-	-
KX-NCS3501	Allows the use of 1 IP-PT	-	-	128	128	128
KX-NCS4501	Allows the use of 1 IP-PT	128	128	-	-	-
KX-NCS3504	Allows the use of 4 IP-PTs	-	-	32	32	32
KX-NCS4504	Allows the use of 4 IP-PTs	32	32	-	-	-
KX-NCS3508	Allows the use of 8 IP-PTs	-	-	16	16	16
KX-NCS4508	Allows the use of 8 IP-PTs	16	16	-	-	-
KX-NCS3516	Allows the use of 16 IP-PTs	-	-	8	8	8
KX-NCS4516	Allows the use of 16 IP-PTs	8	8	-	-	-
KX-NCS3701	Allows the use of 1 SIP Extension	-	-	32	32	128
KX-NCS4701	Allows the use of 1 SIP Extension	128	128	-	-	-
KX-NCS3704	Allows the use of 4 SIP Extensions	-	-	8	8	32
KX-NCS4704	Allows the use of 4 SIP Extensions	32	32	-	-	-
KX-NCS3708	Allows the use of 8 SIP Extensions	-	-	4	4	16
KX-NCS4708	Allows the use of 8 SIP Extensions	16	16	-	-	-
KX-NCS3716	Allows the use of 16 SIP Extensions	-	-	2	2	8
KX-NCS4716	Allows the use of 16 SIP Extensions	8	8	-	-	-
KX-NCS3990	Activation key for KX-NCP500 Upgrade	-	-	-	1	-
KX-NCS4910	Software Upgrade 01	1	-	-	-	-
KX-NCS4950	Software Upgrade 01	-	1	-	-	-
KX-NCS3910	Software Upgrade 01	-	-	1	1	1

*2 You need to set the number of the installed activation key to be used for H323 trunks through system programming. By default, all the installed activation keys are used for SIP trunks.

*3 You can set how many IP softphones can be used with the installed activation keys through system programming. By default, all the installed activation keys are used for IP softphones.

Communication Assistant Activation Keys and Maximum Capacity

Model Number	Description of Activation Keys	Maximum Number Per System				
		TDE100/200	TDE600	NCP500	NCP500X/V	NCP1000
KC-NCS2010	Allows CA to be deployed in Thin Client Environment	1	1	1	1	1
KC-NCS2020	CSTA Multiplexer to enable 1 non-Panasonic application	4	4	4	4	4
KX-NCS2149	Allows the use of CA Basic-Express for 128 users	1	1	1	1	1
KX-NCS2201	Allows the use of CA PRO for 1 user	128	128	128 ^{*4}	128 ^{*4}	128 ^{*4}
KX-NCS2205	Allows the use of CA PRO for 5 users	25	25	25	25	25
KX-NCS2210	Allows the use of CA PRO for 10 users	12	12	12	12	12
KX-NCS2240	Allows the use of CA PRO for 40 users	3	3	3	3	3
KX-NCS2249	Allows the use of CA PRO for 128 users	1	1	1	1	1
KX-NCS2301	Allows the use of CA ACD Monitor for 1 ICD Supervisor	4	4	4	4	4
KX-NCS2401	Allows the use of CA Operator Console for 1 user	128	128	128 ^{*4}	128 ^{*4}	128 ^{*4}
KX-NCS2901	Allows the use of CA Server Network Features for 1 user	128	128	128 ^{*4}	128 ^{*4}	128 ^{*4}
KX-NCS2905	Allows the use of CA Server Network Features for 5 user	25	25	25	25	25
KX-NCS2910	Allows the use of CA Server Network Features for 10 user	12	12	12	12	12
KX-NCS2940	Allows the use of CA Server Network Features for 40 user	3	3	3	3	3
KX-NCS2949	Allows the use of CA Server Network Features for 128 user	1	1	1	1	1

^{*4} Limited by communication platform capacity.

NOTE: Maximum capacities shown above are for Communications Assistant operating in a serverless environment. Maximum number of CA / CA Network users when used with a CA Server depends on communication platform capacity.