Panasonic CSDNFORMATION Communication Systems Division

DATE: Wednesday February 4, 2009

DOCUMENT NO. TN-KXTUPCMC-0408-1

Title: VOIP Ceiling Speaker

Systems Affected: KX-NCP 500/1000

Associated Tech Notes: None

- 1. Go to 1. Configuration 1. Slot.
- 2. Move mouse over Virtual Slot and click on Select Shelf.

| 🚝 default - KX-NCP Maintenan | ce Console - [1. Configuration - ' | 1. Slot] | | | |
|----------------------------------|------------------------------------|-------------------|-------------------------|--------------------------|---------------------|
| File(F) Disconnect(D) Tool(T) L | ltility(U) View(V) Window(W) Help | o(H) | | | _ B × |
| : 🕑 : 🛅 🚉 🧣 | | | | | |
| System Menu 🗙 | 1.1 Slot | | | | |
| 1.Configuration | Refresh(E) Close(L) | Summary(S) | Activation Key(A) | Physical Slot: 7 | |
| 2.Portable Station | Panasonic | Panasonic - | | R | egular Slot Card > |
| 4.Clock Priority | | 00 | Test Director | DLC8 DLC16 | |
| | Physical Slot | | Select Shelf Slot | SLC8 SLC16 | |
| | | | | OPB3 | |
| | | | IP Phone Registration(R | τ1 | Small Slot Card > |
| | | | | DHLC4 | Siliali Siot Card 2 |
| | | | | LCOT4 | |
| | | | | PRI23 | |
| | | | | | |
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| | | | | | |
| | | | | | |
| 2.System | | 10 | | | |
| 3.Group | | | | | |
| 4.Extension | 3 | | | | 6 |
| 5.Optional Device | - , | | | | 5 |
| 6.Feature | | | | | · |
| 7.TRS | | NGP | IPCMPR | RESET SIGTEM INISTRALIZE | |
| 8.AKS | | 500 | | | |
| 10.CO.8 Incoming Coll | | | | | |
| 11 Maintenance | - | | | | |
| Interactive Mode : default (LAN) | Type : NCP500 | Level : Installer | Version001 | -000 | Region002-002 |

- Install V-SIPEXT32 card into an empty slot.
 Move mouse over V-SIPEXT32 card and click on Port Property.

| 🚝 default - KX-NCP Maintenan | ce Console - [1. Configurati | on - 1. Slot] | | | | |
|----------------------------------|------------------------------|-------------------|-------------------|--------------|---------------------------|-----------------|
| File(F) Disconnect(D) Tool(T) U | tility(U) View(V) Window(W) | Help(H) | | | | _ F × |
| i 🕑 i 🛅 🔝 🧣 | | | | | | |
| System Menu 🗙 | 1.1 Slot | | | | | |
| 1.Configuration | | | | | | |
| T.Slot | Refresh(E) Close(I | .) Summary(S) | Activation Key(A) | IPCMPR Virtu | al Slot: 5 | |
| 2.Portable Station | Describer | | In | | V-IPEXT32 | |
| 💑 3.Option | | | | 100,042 | V-SIPEXT32 | |
| 4.Glock Phoney | | | Trusk | Lidension | V-IPGW16 | |
| | Physical S | lot | IPCMPR Virtual S | Slot | V-SIF GWIG | |
| | | | | | | |
| | | | IP Phone Regist | tration(R) | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | V-IPEXT32 | 100 1 | | | Virtual 32-Channel VolP I | Extension Card |
| | L _{Cert State} | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| 2.System | Panasonic 🛛 | NCP500 | | | | VIRTUAL SHELF |
| 3.Group | | | | | | |
| 4.Extension | | | 69 | | | 7 |
| 5.Optional Device | | | | | | |
| 6.Feature | 2 | Trunk | | | Extension | 6 |
| 7.TRS | | | NE | V-SIPEXT32 | 106.1 | Card Property |
| 8.ARS | 1 | | 500 | | | Port Property 5 |
| 9.Private Network | | | | | | Ous |
| 10.CO & Incoming Call | - | | | | | |
| 11.Maintenance | | | | | | |
| Interactive Mode : default (LAN) | Type : NCP500 | Level : Installer | Ver | rsion001-000 | Region002 | 2-002 |

| default - KX-NCP Maintena | ince Co | nsol | e - [1 | .Con | figur | ation - 1.Slot - F | Port Property | - Virtual SIP Ex | ctension Port] | | | |
|------------------------------|------------|----------|--------|---------|---------|------------------------|---------------|------------------|-----------------------|-----------|---------------------------------------|----------------------------|
| ile(F) Disconnect(D) Tool(T) | Utility(U) | Vi | ew(V |) W | ndowi | (VV) Help(H) | | | | | | |
| of i 💼 🔍 🧬 | | | | | | | | | | | | |
| ystem Menu | × 1.1 | Slot | P | ort Pro | perty - | - Virtual SIP Extensio | n Port | | | | | |
| Configuration | | | - | | | | | | | | | |
| 1.Slot | | C | K(0) | | Саг | icel(C) Apply | (A) | | | | | |
| 2.Portable Station | | | | | | | | | | | | |
| 3.Option | | Com | mand(| M) | Сор | y to(T) | | | | | | |
| 4.Clock Priority | | | | | 1 | 1 | | 1 | | | | ~ |
| | | - | No. | Slot | Port | Extension Number | Password | Connection | Current IP Address | Bearer | Packet Sampling Time (G.711/G.722) | Packet Samplir (G.729A) |
| | | ৰ্বা | 1 | 5 | 1 | 101 | 1234 | INS | 192.168.0.78 | Automatic | 20 ms | 20 ms |
| | | _ | 2 | 5 | 2 | 102 | 1234 | Fault | 192.168.0.9 | Automatic | 20 ms | 20 ms |
| | | | 3 | 5 | 3 | 103 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| | | | 4 | 5 | 4 | 104 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| | | | 5 | 5 | 5 | 105 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| | | | 6 | 5 | 6 | 106 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| | | | 7 | 5 | 7 | 107 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| | | | 8 | 5 | 8 | 108 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| | | | 9 | 5 | 9 | 109 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| | | _ | 10 | 5 | 10 | 110 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| | | 9 | 11 | 5 | 11 | 111 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| | | | 12 | 5 | 12 | 112 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| | | | 13 | 5 | 13 | 113 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| ystem | | | 14 | 5 | 14 | 114 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| roup | | | 15 | 5 | 15 | 115 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| tension | | | 16 | 5 | 16 | 116 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| ptional Device | | | 17 | 5 | 17 | 117 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| eature | | | 18 | 5 | 18 | 118 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| RS | | | 19 | 5 | 19 | 119 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| PC | | | 20 | 5 | 20 | 120 | | Fault | | Automatic | 20 ms | 20 ms |
| | | N | 21 | 5 | 21 | 121 | | Fault | 0.0.0.0 | Automatic | 20 ms | 20 ms |
| rivate Network | _ | < | - 19 | | | | | . Fout | | Automatic | 1.41100 | |
| CO & Incoming Call | | | | | | | | | | | | |
| waintenaNCe | | | | | | | | | | | | |
| active Mode : default (LAN) | Type : | : NCP | 500 | | | Level : Ir | nstaller | Ve | rsion001-000 | | Region002-002 | |

5. Assign Password to SIP Extension you will be using.

- 6. Log into VOIP Ceiling Speaker using default address of 192.168.3.10.
- 7. User Name and Password is "admin"
- 8. Click on Network Setup Button.
- 9. Assign IP Address, Subnet Mask, and Default Gateway of the VOIP Ceiling Speaker.
- 10. Click on Save Settings Button.
 - a. Note: If you changed IP Address you will have to log back in with the new IP Address.

| 🖉 CyberData VoIP Ceiling Speaker - Windows Internet Ex | plorer | |
|--|--|------------------------------|
| | | Live Search |
| File Edit View Favorites Tools Help | | |
| AVG - powered by TAHOO! SEARCH Search + | Active Surf-Shield 🛛 💦 Search-Shield 🖉 🖓 AVG Info 🔻 🛛 Get Mo | re |
| 🚖 🏟 🌈 CyberData VoIP Ceiling Speaker | | 🏠 🔹 🔝 🔹 🖶 👻 Page 🕶 🎯 Tools 👻 |
| CyberData Corr Corr Network Setup | PCEILING S | PEAKER |
| IP Address: 192.168.0.78 * | | |
| Subnet Mask 255.255.255.0 | | |
| Default Gateway: 192.168.0.1 | | |
| DNS Server1: 192.168.0.1 * | | |
| DNS Server2: * | | |
| * changing this parameter causes system Save Settings Speaker Setup SIP Setu | reboot when saved | ware Home Page |
| | | 🈜 Internet 🔍 100% 🔻 🛒 |

- 11. Click on SIP Setup button.
- 12. Set SIP Server as IP Address of ICMPR card.
- 13. Set SIP User ID as Extension number of SIP Extension to be used.
- 14. Set Authenticate ID as the same Extension number in step 13.
- 15. Set Authenticate Password as the same password assigned in step 5.
- 16. Click on Save Settings button.

| 🖉 CyberData VoIP Ceiling Speaker - Windows | Internet Explorer | | | - 7 🛛 |
|--|---|---------------|-------------------|---------------|
| 😋 💽 👻 🖉 http://192.168.0.78/cgi-bin/sipconfig | J.cgi | | 🖌 🍫 🗙 Live Search | ₽ - |
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| SIP Setup SIP Setup SIP Server: Outbound Proxy: Remote SIP Port: Local SIP Port: Local SIP Port: SIP User ID: Authenticate ID: Authenticate ID: Authenticate Password: SIP Registration: Unregister on Reboot: Register Expiration (minutes) * changing this parameter cau | 192.168.0.101 192.168.0.101 192.168.0.101 101 101 1234 ◎ Yes ○ No ○ Yes ⊙ No ○ Yes ⊙ No ○ Yes ⊙ No ○ Yes ⊙ No | on CENLING | SPEAKER | |
| Done | | | 😜 Internet | € 100% · |