TelQuest International
973-808-4588

Panasonic NS-700
Port Forwarding for Remote Phone
Telquest Tech Support

Note:
If you are using a VPN between the KSU and the remote phone, you do not need to do any Port Forwarding.

In this example, the KSU is using:
192.168.0.101 for Administration/Programming.
192.168.0.102 for DSP Card 1-1
192.168.0.103 for DSP Card 2-2

Your IP Addresses may be different.

The Remote phone sends it voice (RTP Packets) out on a Port Range of 16000 to 16511 UDP.

In the Router by the KSU, you need to Forward the Port Range 16000 to 16511 UDP to the IP Address of DSP Card 1-1.

This directs the received RTP (voice) packets to the DSP 1 Card to be decoded.

Port Forwarding

router will need to be configured to allow IP packets to be received from the remote IP proprietary telephones.

KX-NS1000

Protocol	Range of Ports	Destination (DSP)	Description
RTP	16000–16511 (UDP)	192.168.0.102	Send RTP to DSP#1-1
	16512–17023 (UDP)	192.168.0.103	Send RTP to DSP#1-2
	17024–17535 (UDP)	192.168.0.104	Send RTP to DSP#2-1
	17536–18047 (UDP)	192.168.0.105	Send RTP to DSP#2-2

KX-NS1000 will have 4 DSP-IP Addresses when (2) DSP-L cards are installed.

KX-NS700/G

Protocol	Range of Ports	Destination (DSP)	Description
RTP	16000–16511 (UDP)	192.168.0.102	Send RTP to DSP#1-1
	16512–17023 (UDP)	192.168.0.103	Send RTP to DSP#1-2

KX-NS700/G will have 2 DSP-IP Addresses when a DSP-L cards are installed.

Here is a chart from Panasonic that shows the RTP and DSP Card info for different systems.