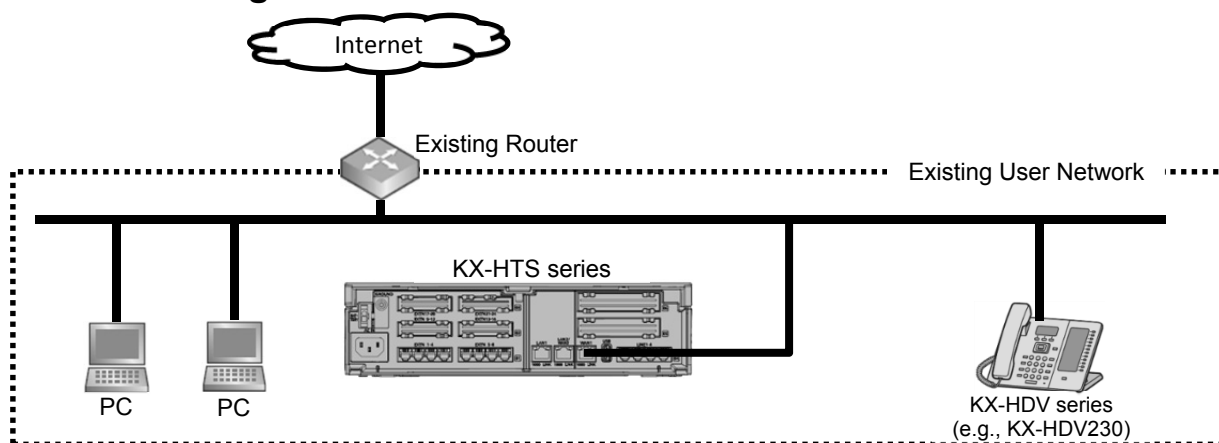# Please read this leaflet carefully when you install KX-HTS series and KX-HDV series to the existing user network.
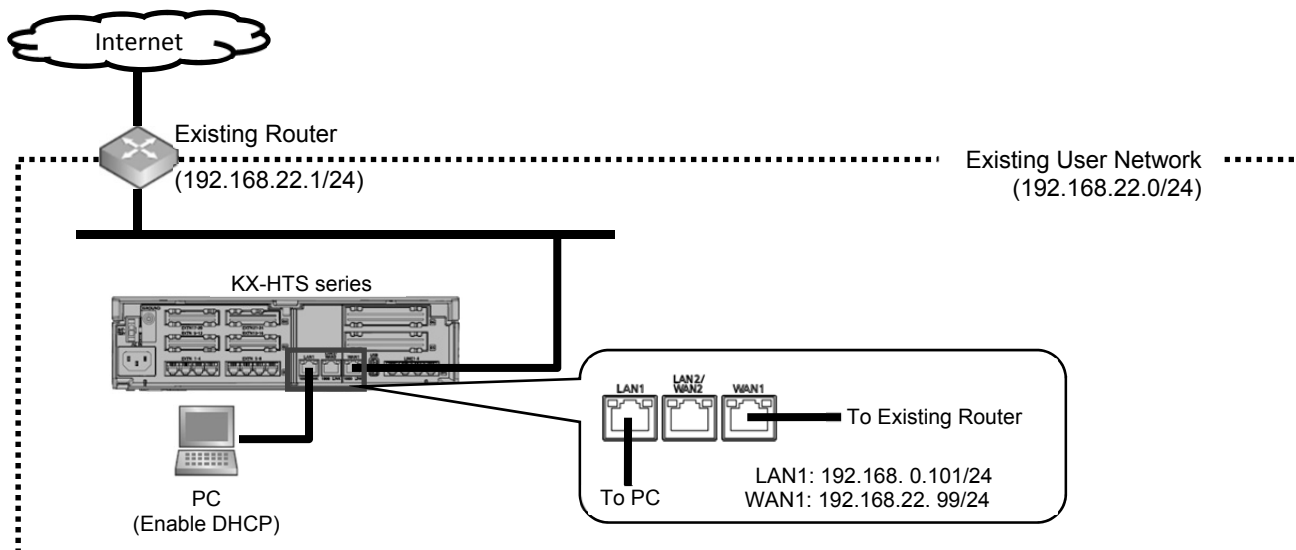

For your information, Video Instruction about the installation is uploaded on the Panasonic Web site at: https://channel.panasonic.com/contents/19893/

Step 1: Program KX-HTS series

1. Connect KX-HTS series to the existing User Network, and then connect the PC to the KX-HTS series as the figure.

Existing Router (192.168.22.1/24)

Existing User Network (192.168.22.0/24)

LAN1: 192.168. 0.101/24
WAN1: 192.168.22. 99/24

To Existing Router

To PC

PC (Enable DHCP)

2. In Web Maintenance Console, configure the following settings for KX-HTS series

a. Set the IP address, Subnet Mask, and Default Gateway for the WAN1 port

Note
Configure the settings according to the IP address system of the existing user network. Also, set the IP address which does not duplicate other IP device.

Network Configuration > 3.WAN > 1.WAN Setting

WAN

HTS can be connected to your service provider in any of the following ways

WAN TYPE	Fix IP
WAN connection Name	WAN1_Fix_IP

IP address,by your ISP	192	. 168	. 22	. 99
Subnet Mask	255	. 255	. 255	. 0
ISP Gateway Address	192	. 168	. 22	. 1

b. Disable the Firewall setting

Network Configuration > 7.Firewall > 1.Firewall

Firewall Setting

HTS provides extensive firewall protection against a wide array of common hacker attacks. This is done by restricting connection parameters to limit the risk of intrusion.

○ Enable   ◉ Disable

c. Set the network address of the existing user network to enable communication with KX-HDV series connected in the existing user network

PBX Configuration > 2.Extension > 7.SIP Extension Property

SIP Extension Property

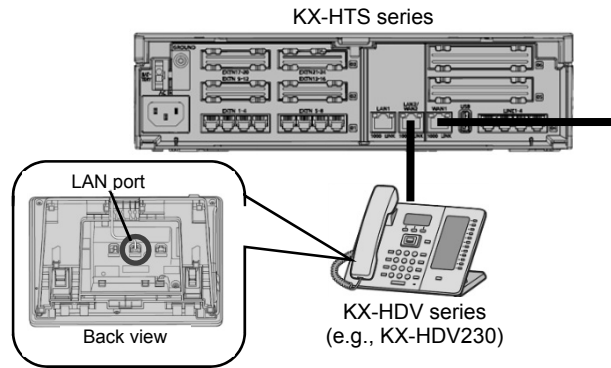PBX Configuration > 2.Extension > 7.SIP Extension Property

Domain for SIP Extension	

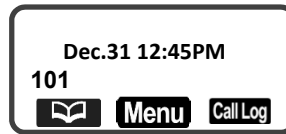| **IP Address of SIP Extension in existing router**			
IP Address	192	. 168	. 22	. 0
Subnet Mask	255	. 255	. 255	. 0

Step 2: Connect KX-HDV series to KX-HTS series

1. Connect the "LAN" port of KX-HDV series to the "LAN" port of KX-HTS series.

KX-HTS series

LAN port

Back view

KX-HDV series
(e.g., KX-HDV230)

2. KX-HDV series will be registered to KX-HTS series automatically. Confirm that an extension number (e.g., 101) is displayed on the LCD of KX-HDV series.
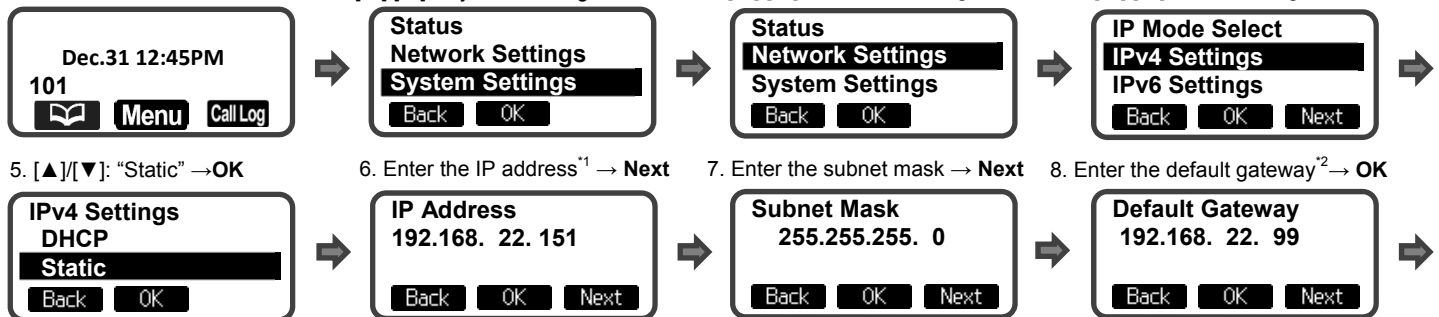
e.g., K-HDV230:

```
Dec.31 12:45PM
101
        Menu   Call Log
```

Note

If the extension number is not displayed on the LCD of KX-HDV series for more than 10 minutes after connecting the KX-HDV series to the KX-HTS series, initialize the KX-HDV series. Refer to the Web site at: http://www.panasonic.net/pcc/support/pbx/manual/kx-hts/index.html
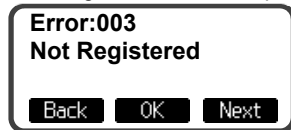

Step 3: Change the Network settings of KX-HDV series

For connecting the KX-HDV series (e.g., KX-HDV230) to the existing user network, configure the following settings:

1. Press **Menu**

```
Dec.31 12:45PM
101
        Menu   Call Log
```

2. [▲]/[▼]: "System Settings" → **OK**

```
Status
Network Settings
System Settings
  Back     OK
```

3. [▲]/[▼]: "Network Settings"→ **OK**

```
Status
Network Settings
System Settings
  Back     OK
```

4. [▲]/[▼]: "IPv4 Settings" → **OK**

```
IP Mode Select
IPv4 Settings
IPv6 Settings
  Back    OK    Next
```

5. [▲]/[▼]: "Static" →**OK**

```
IPv4 Settings
 DHCP
 Static
  Back    OK
```

6. Enter the IP address[*1] → **Next**

```
IP Address
192.168. 22. 151
  Back    OK    Next
```

7. Enter the subnet mask → **Next**

```
Subnet Mask
 255.255.255. 0
  Back    OK    Next
```

8. Enter the default gateway[*2]→ **OK**

```
Default Gateway
 192.168. 22. 99
  Back    OK    Next
```

"Not Registered" will be displayed.

```
Error:003
Not Registered
  Back    OK    Next
```

*1 Enter the IP address according to the IP address system of the existing user network. Also, please set the IP address which does not duplicate other IP device.

*2 For the default gateway setting, enter the IP address of the WAN1 port of KX-HTS series which is the same value as "IP Address, by your ISP" shown as below. DO NOT set the IP address of the existing router.
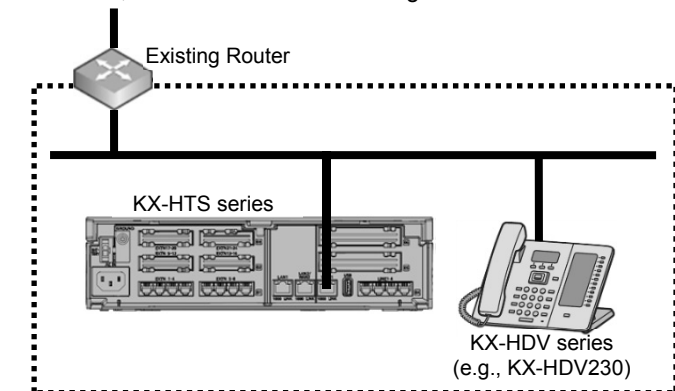
Network Configuration > 3.WAN > 1.WAN Setting

IP address,by your ISP	192	. 168	. 22	. 99
Subnet Mask	255	. 255	. 255	. 0
ISP Gateway Address	192	. 168	. 22	. 1

Step 4: Connect KX-HDV series to the existing user network

1. Disconnect the KX-HDV series from the LAN port of KX-HTS series, and connect to the existing router.

Existing Router

KX-HTS series

KX-HDV series
(e.g., KX-HDV230)

2. KX-HDV series will be registered to KX-HTS series automatically. An extension number is displayed on the LCD of KX-HDV series.

e.g., K-HDV230:

```
Dec.31 12:45PM
101
        Menu   Call Log
```

Repeat Steps 2 to 4 for the number of KX-HDV series to be registered.