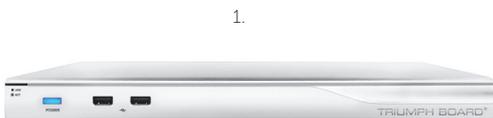


# TRIUMPH BOARD Video Conferencing System VC4 Quick Installation Card

## Package Contents



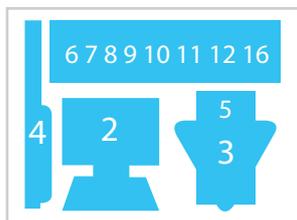
- |                             |                             |
|-----------------------------|-----------------------------|
| 1. Main System              | 9. Mini Din 8 pin MIC Cable |
| 2. Camera                   | 10. 2x HDMI Cable           |
| 3. Microphone               | 11. Camera Cable            |
| 4. Remote Control           | 12. RJ-45 Cable             |
| 5. Power Adapter            | 13. Warranty Card           |
| 6. Power Cords (US, EU, UK) | 14. Quick Installation Card |
| 7. VGA Cable                | 15. Panel Label             |
| 8. DVI to HDMI Converter    | 16. AAA Batteries           |

Layer 1



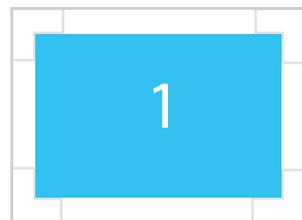
Accessory Pack

Layer 2



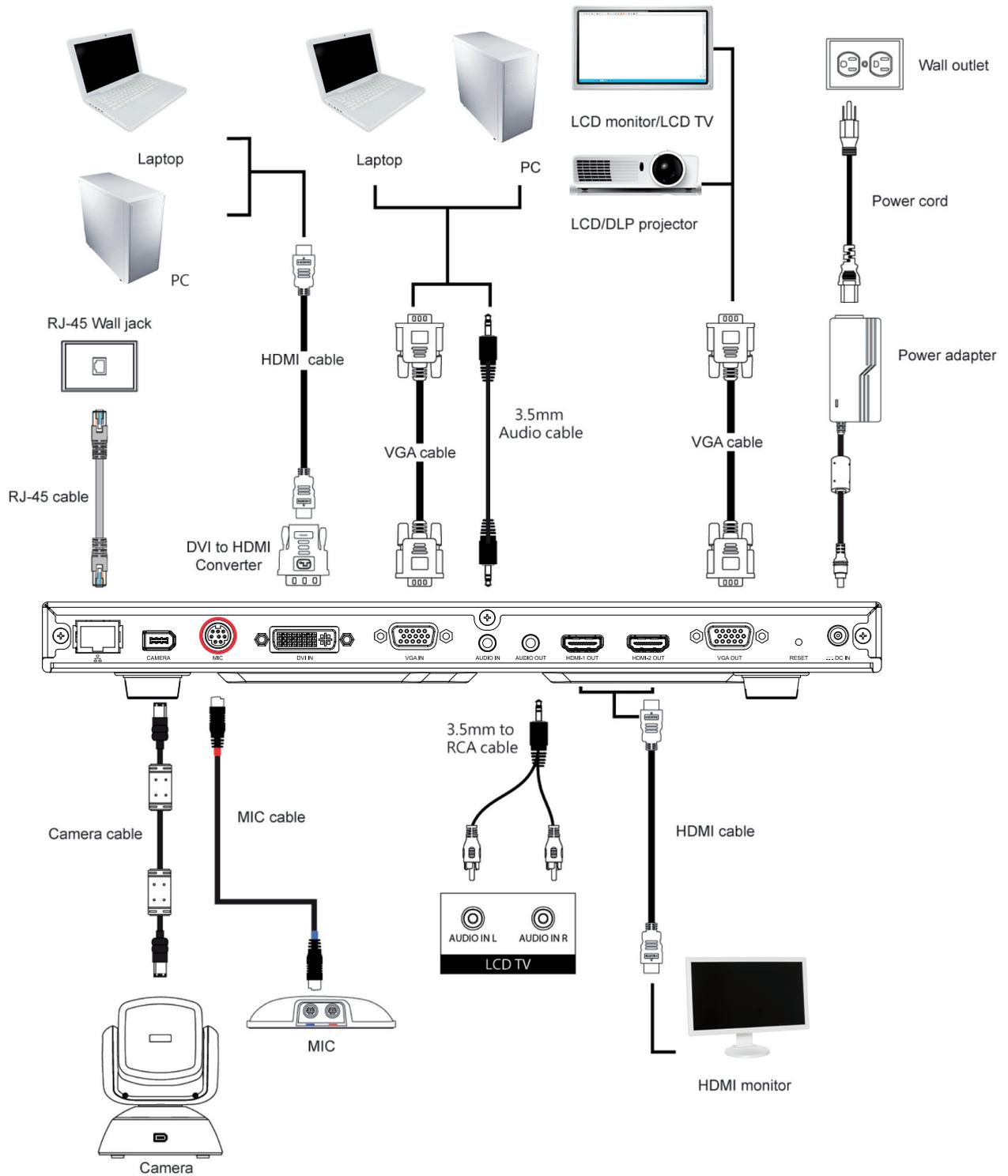
Camera, Microphone, Remote, Adapter, Cables and Batteries

Layer 3

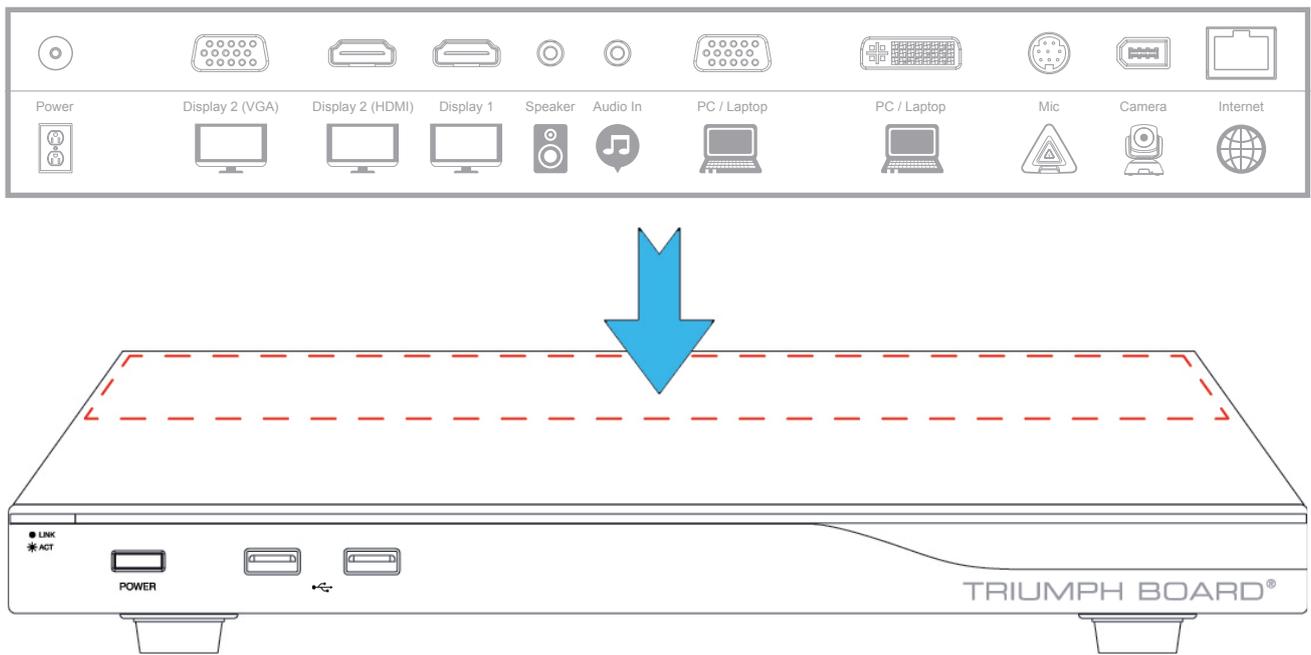


Main System

# Connection Diagram



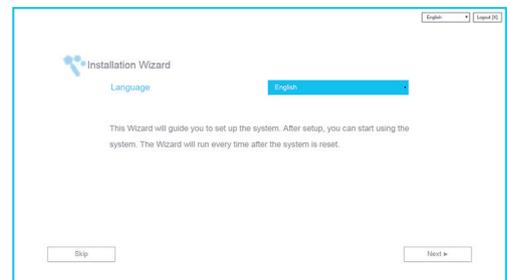
## Put back panel label on main system



## Setup Wizard

For the first time using TRIUMPH BOARD Video Conferencing System VC4, the Installation Wizard will guide you to setup your VC4 system step by step. After completing the wizard setup, user may start to use your VC4 system.

1. Connect your VC4 system well and turn on the power. After your VC4 system starting, user will see the Installation Wizard screen shown up.
2. Language: Select the language of your VC4 system. Press  to expand the drop-down list. Then, use  or  button to move the selection and press  to make the selection.
3. After selecting, press  to move to "Next" option and press  to go to the next step.
4. Follow the instructions and complete your settings.
5. Click "Finish" to complete the Installation Wizard setup and go to home menu.
6. Please press  on the remote to start making a call.



# Network Quick Setup Guide

**Default IP address: 192.168.0.1.**

**Please change your VC4's IP address at the start.**

There are three possible setup scenarios for most video conferencing users, if yours is:

1. Public IP Configuration (Outside of Firewall).
2. Private IP Configuration (Behind Firewall with Port Forwarding). Please refer to the following table "VC4 H.323 Related Port Usage for Firewall Setup" for your firewall Port forwarding setup.
3. H.460 Gatekeeper with Firewall Traversal. Please refer to the following table "VC4 H.323 Related Port Usage for Firewall Setup" for your firewall Port forwarding setup.

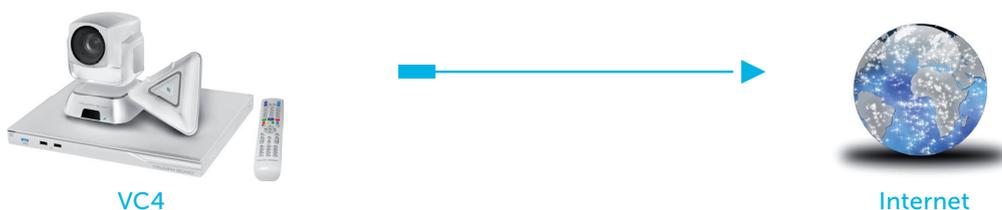
## VC4 H.323 Related Port Usage for Firewall Setup

(Please set the following ports in port forwarding in your firewall before start installing your VC4)

Port	Function	Type
1719	Gatekeeper	UDP
1720	H.323 Call setup	TCP
30000 ~ 30299	Control and media for audio, video, content, and data/FECC	TCP and UDP
80	HTTP Interface (WebTool)	TCP
23	Telnet	TCP
5060	SIP	TCP and UDP

## Scenario 1 – Public IP Configuration (Outside of Firewall)

Your Video Conferencing System VC4 is connecting directly to the internet.



1. Using the remote press "Home" ->  ->  "Setting".



2. Press  ->  "Network".



3. Press "LAN Configuration".

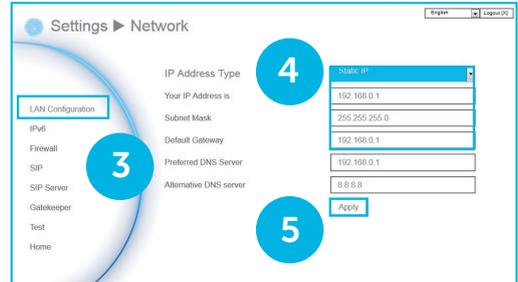
4. And In the drop-down list "IP Address Type", choose "Static IP" or "PPPoE".

- Static IP: Input the "IP address", "Subnet Mask" and "Default Gateway".
- PPPoE: Input the PPPoE login "User name" and "Password".

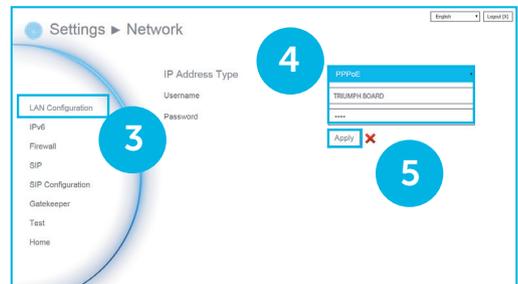
5. Select "Apply" and press  (Enter).

6. Press "Home" on the remote to return to the home menu.

7. Press the  (Call) button on the remote and you are ready to make your first call.



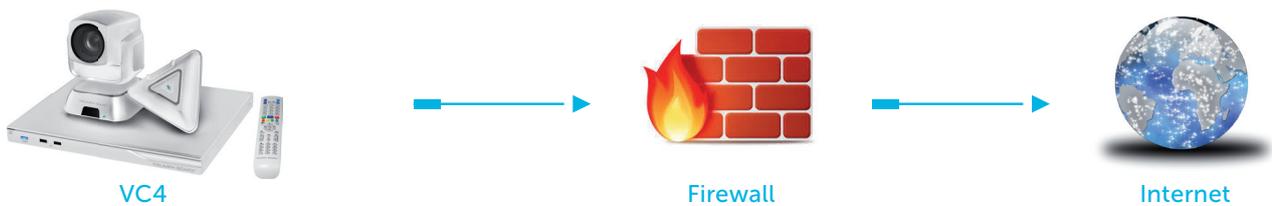
Static IP setting



PPPoE setting

## Scenario 2 –Private IP Configuration (Behind Firewall with Port Forwarding)

Your Video Conferencing System VC4 is connecting to the internet through a firewall.



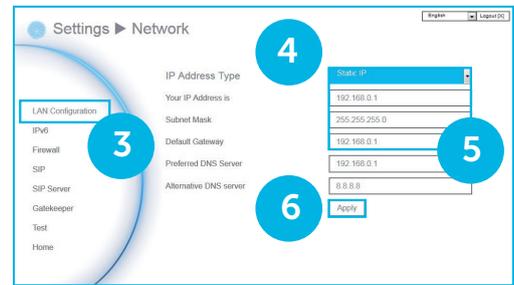
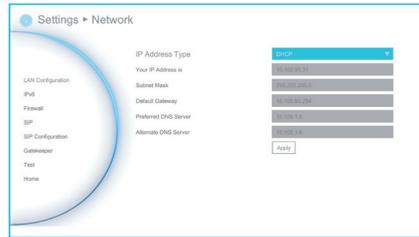
1. Using the remote press "Home"->  ->  "Setting".



2. Press ->  ->  "Network".

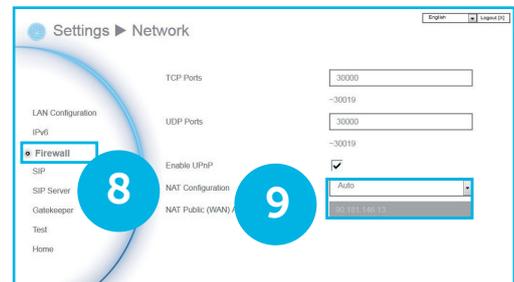


- Press "LAN Configuration".
- And In the drop-down list "IP Address Type", choose "Static IP" or "DHCP".
  - Static IP: Input the "IP address", "Subnet Mask" and "Default Gateway".
  - DHCP: Configure the system to automatically obtain an IP address from the DHCP server.



- Manually input the "IP address", "Subnet Mask" and "Default Gateway".
- Select "Apply" and press (Enter).
- Press (Back) on the remote to return to previous menu. (If you have H.323 ALG enabled, skip to step 10).

- In the same page, go to "Firewall" and press (Enter).
- Select "ON" in the NAT check box and enter the IP address in the "NAT Public (WAN) address" field.
- Press the "Home" button on the remote to return the home menu.
- Press the Call button on the remote and you are ready to make your first call.



## Scenario 3 – H.460 Gatekeeper with Firewall Traversal

Your Video Conferencing System VC4 is connecting to the internet through a firewall and you have a Gatekeeper outside the firewall.



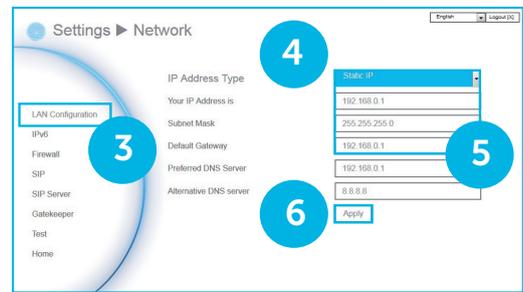
- Using the remote press "Home"-> -> "Setting".



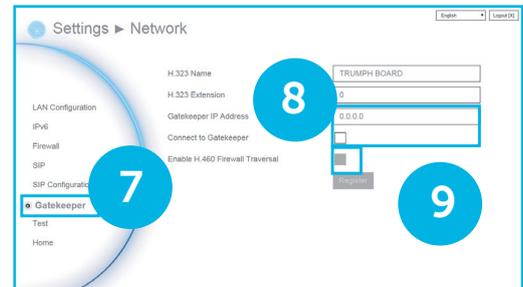
- Press -> "Network".



3. Press "LAN Configuration (IPv4)".
4. And In the drop-down list "IP Address Type", choose "Static IP".
5. Manually input the "IP address", "Subnet Mask" and "Default Gateway".
6. Select "Apply" and press  (Enter).
7. In the same page, go to "Gatekeeper" and press  (Enter).



8. Enter the IP address of your Gatekeeper in the "Gatekeeper IP Address" field and enable the "Connect to Gatekeeper" check box.
9. Enable the "Enable H.460 firewall Traversal" option.
10. Press the "Home" button on the remote to return the home menu.
11. Press the  (Call) button on the remote and you are ready to make your first call.



## Troubleshooting

**1. Make sure you have changed your default IP address. The default IP address is 192.168.0.1, in order not to conflict with other devices in the same LAN, please change your IP address at the start.**

**2. Video conference call is established but no video or voice.**

- If you are connecting to the TRIUMPH BOARD Video Conferencing System VC4 with a firewall, make sure that you have set up the port forwarding correctly. If there is no H.323 ALG firewall, please configure the NAT and the WAN IP address for the TRIUMPH BOARD Video Conferencing System VC4.
- We suggest having a fixed public IP address for the TRIUMPH BOARD Video Conferencing System VC4. With a dynamic public IP address, it will change after a certain period which depends on your local ISP.
- There is a routing issue if you installed two TRIUMPH BOARD Video Conferencing System VC4 sharing one public IP address.

**3. Unable to connect to other Video Conferencing systems.**

- Check to see if you are dialing the correct IP address.
- Ensure the power status of the device from the other site is on.
- Verify if the firewall blocks the inbound traffic from the other site.
- Verify if the other site rejected your Video Conferencing call.

**4. Unable to see the OSD.**

- Check to see if your cable is connected correctly.
- Make sure your system and display are securely-connected and then reboot your system. (Your display should be switched on before you reboot your system).

## 5. Cannot open WebTool by IE 9 and IE 10.

- Click  (Tools) in IE.
- Select "F12 developer tools".
- Change Document Mode to Internet Explorer 9 standards.
- Disable intranet sites in Compatibility View. Go to "Tools"  
-> "Compatibility view settings".
- Unclick the checkbox "Display intranet sites in  
Compatibility View" and then click "Close".