

About this guide

VC400 video conference system is a new generation of Full HD video conferencing system. The system relies on a high-definition audio-visual experience, flexible, easy to deploy, compatible control, intelligent network to adapt to the characteristics and high product standard, is the best choice for SME. This system makes the branch, or between branch offices and the headquarters to collaborate more clear, effective. This guide for configuration, custom and management of VC400 video conference system and administrator removal system failure.

This guide describes the functions including network configuration and account settings, these settings may affect the performance in the network system, so that the administrator needs to have a certain network knowledge and VoIP knowledge.

Related Documents

- except administrator's guide, VC400 video conferencing system is to provide the following documents:
- quick installation guide, describes how to install the VC400 video conference system.
- user guide, describes how to configure and use VC400 video conferencing systems commonly used functions.

Guidance document deployment · system, describes how to deploy the VC400 video conference system.

If you need more support and service, please consult the Yealink agents or access the Yealink technical support Webpage: <http://www.yealink.com/Support.aspx>

Manual Content

- This guide contains the following content:
- Chapter 1: VC400 video conference system, the system components, the icon and the indicating lamp.
- Chapter 2: introduction system entry, how to install and start system.
- Chapter 3: set · system network describes how to configure the system network function.
- Chapter 4: communication describes how to configure the system communication function.
- Chapter 5: system settings describes how to customize the system the basic settings and audio / video settings.

- Chapter 6: introduces how to management system management systemcontacts and call logs.
- Chapter 7: security function describes how the system security settings.
- Chapter 8: introduces how to upgrade the system firmware system maintenance and replacement system.

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VC400 Introduce the video conference system

The chapter on the VC400 video conference system is briefly introduced in this paper, include the following contents:

- [VoIP Principle](#)
- [Packing List](#)
- [The system components](#)
- [Introduce Icon](#)
- [Introduction of indicator light](#)
- [Configuration mode](#)

VoIP Principle

VoIP (Voice over Internet Protocol) is a voice communication technology using the Internet instead of the traditional public switched telephone network. VoIP is an integrated technology, methodology, communication and speech communication IP network and multimedia session transmission technology based on the protocol family. H.323 and SIP are two widely used VoIP protocols.

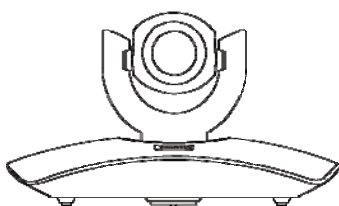
Packing List

VC400 Videoconference system comprises the following components:

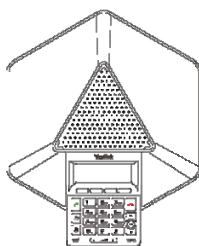
- VC400 Host



- VCC18 High Digital Camera



- VCP40 Video Conference Phone



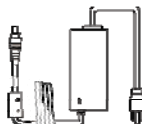
- VCR10 Wireless Remote



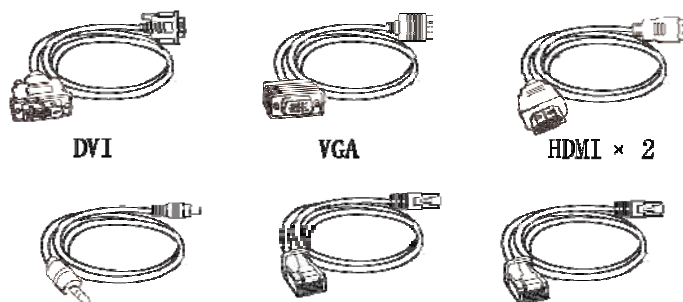
- Battery



- Power Adaptor



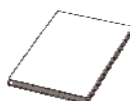
- Cable



- Beam line (7 strip)



- Quick Start Guide



- Scale type metal wall shelf (Optional)



- Camera accessories (Optional)



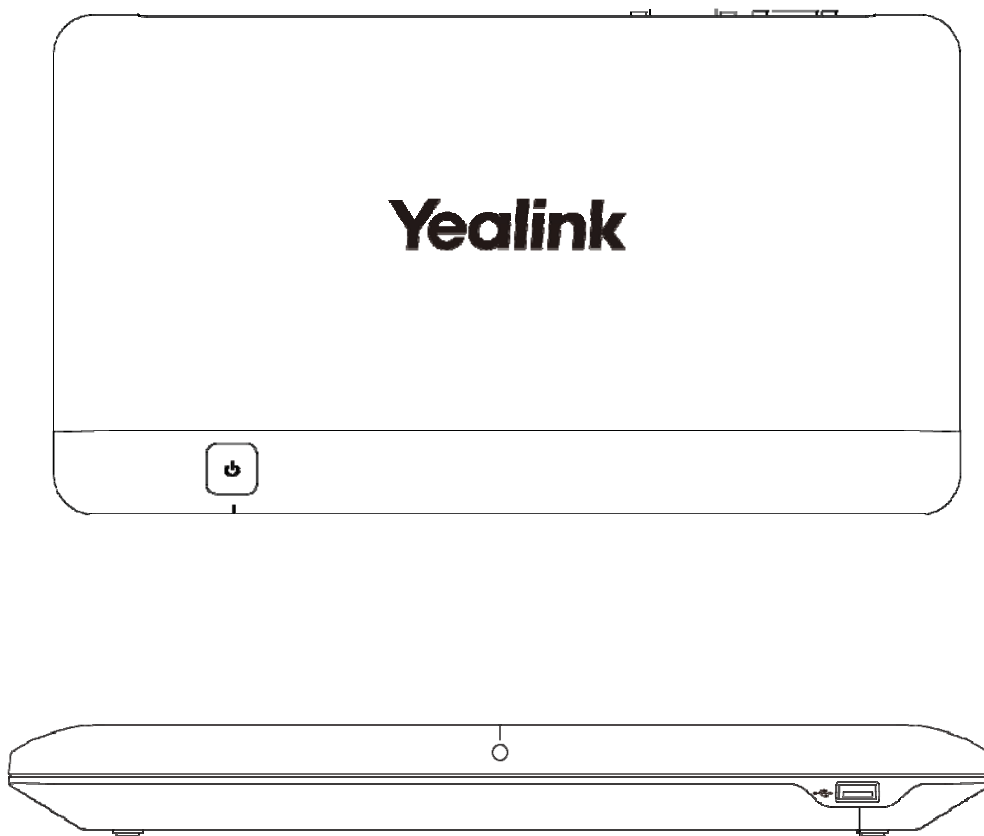
Please check whether the acquisition of all of the above components before installing the system. If lost any of the components, please contact your dealer.

The system components

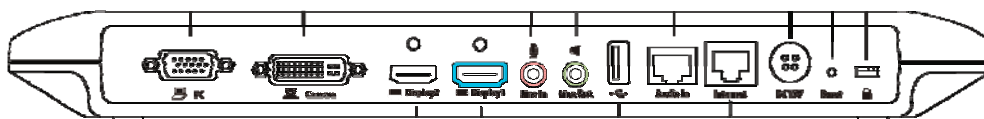
VC400 Host

The host supports 1080P Full HD video, audio and video processing ability with strong and rich interface, collaboration features more prominent. At the same time, support H.323 and SIP protocol, and mainstream video conference system interconnection. Compatible display device, different adaptive resolution, convenient and practical application.

VC400TheHost front panel

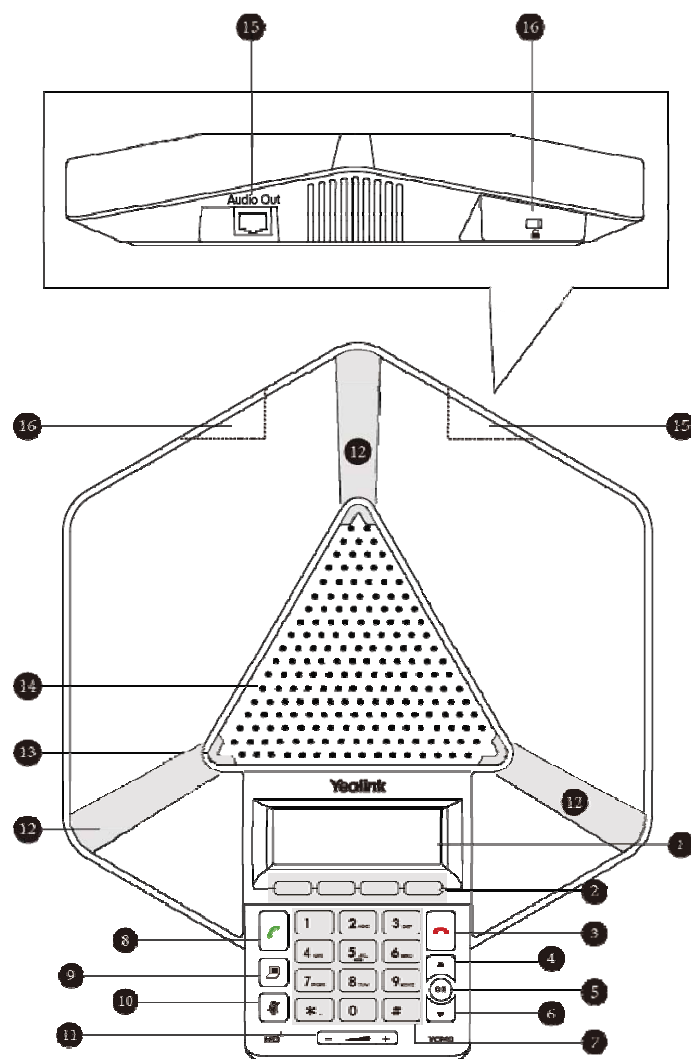


VC400TheHostrear panel



VCP40 Video Conference Phone

VCP40 as a speaker and microphone system sound, video calls. You can use the VCP40 video conference telephone call, answer the call and see local mail list, call records etc.



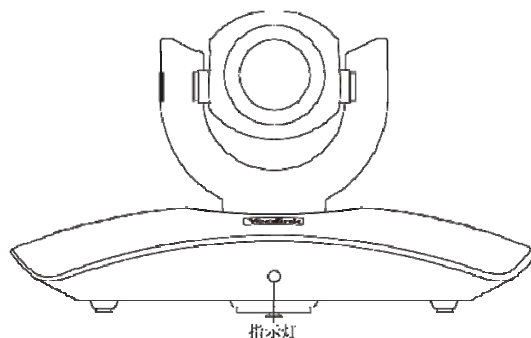
VCP40 All the key role of telephone panel as described below.:

	Name	Effect
①	LCD Screen	Show call, message, soft, time, date and other related information: • call information - talk time • Status Icon (example, ) • Tips • missed calls • Time and Day
②	Soft key	Below the corresponding phone LCD interface displayed soft keys function.

	Name	Effect
		The user can perform the operation according to the corresponding softkey.
③	On-Hook key	Reject call, end the call or return to the previous page.
④	Up arrow	Scroll up to display information.
⑤	OK Key	Calling, answering calls or enter the list.
⑥	Down arrow	Scroll down to display information.
⑦	Digital Key	Provide the digital and character *, # input.
⑧	Off-Hook Key	Enter dialing interface, initiating a call or answer the call.
⑨	Demo Key	Start or turn off demo.
⑩	Mute Key	Turn off mic.
⑪	Adjust volume Key	Volume adjustment.
⑫	Mic	Pickup unit telephone.
⑬	Indicated light	Different state indicator system and telephone.
⑭	Speaker	The phone of speaker.
⑮	Audio Out Interface	Connect to the video conference telephone interface on the computer cable, at the same time as the power supply interface unit.
⑯	Safety Lock	To lock the unit in a fixed position.

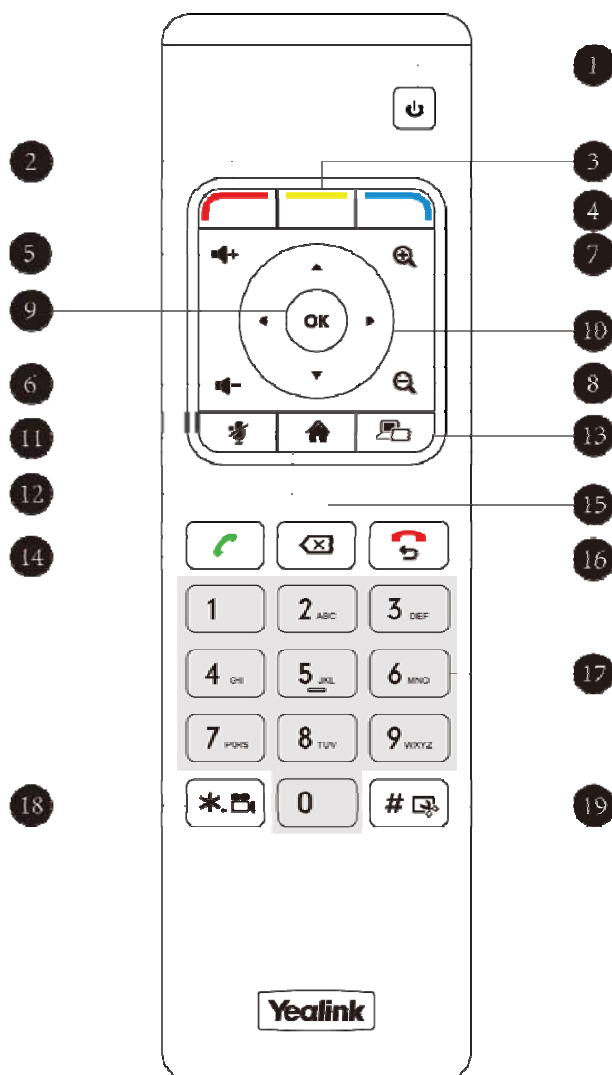
VCC18 High Digital Camera

VCC18 HD camera support 18 times optical zoom, rotate 100 degrees and white balance, automatic gain and other functions, provide fine, vivid images, bring the be personally on the scene like meeting experience for you.



VCR10 Wireless remote

VCR10 wireless remote is small and simple, has the function key area clear. Through the infrared control signal, the user can use the remote control to easily control the meeting.



Each key function of remote controller panel as described below:

	Name	Effect
①	Sleep Key	The system enters a sleep or wake the system status.
②	Red Shortcut Key	Lower corresponding LCD screen left red softkeys, a different role under different status. The main industry in the menu key, used to enter the main menu.
③	Yellow Shortcut Key	The middle lower corresponding LCD screen yellow softkeys, a different role under different status. The main industry in dial softkey, used to enter

	Name	Effect
		dialing interface.
④	Blue Shortcut Key	Lower corresponding blue LCD screen right softkey, a different role under different status. The main industry faces hidden softkey, used to hide the LCD screen displayed soft keys and status bar.
⑤	Volume Increase	To increase the system Volume.
⑥	Volume Decrease	To decrease the system Volume.
⑦	Zoom Out	Reduced Camera focal length.
⑧	Zoom In	Increase Camera focal length.
⑨	OK	To enter the menu, and select options value confirmation to perform the operation.
⑩	Direction Key	Control menu status, control Camera non menu under status.
⑪	Mute	To open or close the Mic.
⑫	Homepage	The system back to the standby interface. Call, enter dialing interface.
⑬	Video Source Select	Select the input video source.
⑭	Off-Hook	Enter dialing interface, initiating a call and answer the call.
⑮	Delete	Delete the text box characters.
⑯	On-Hook	End a call or exit from the current session. To return to the previous menu.
⑰	Numeric Keypad	Provide digital character input. The default location , storage Camera.
⑱	Recording Video	Provide character * input. Call in the system idle process began, the end or
⑲	Screen Capture	Provide character # input. Intercept system idle or call video image in the process of liquid crystal display screens.

Icon Introduce

LCD Screen Icon

LCD screen icon, as described below:

Icon	State
	The network is not available
	Network connection
	Network packet loss
	Registered SIP account
	Registered H.323 account
	Lowercase letters full keyboard input mode
	Uppercase input mode full keyboard
	Symbol input method input mode full keyboard
	Automatic answering
	Missing Call
	Volume0
	Open the do not disturb mode
	Calling Open the do not disturb mode
	Calling Mute
	Calls are encrypted
	Video call
	Display the contents concerned

Icon	State
	The angle of the camera
	Recording the Video
	Dialed number
	Received calls
	Missed calls
	Dual screen display
	Dual video input source (computer host interface connected to the computer)
	The USB was inserted
	Local contact
	conferencing contact
	Open VPN

Indicator light Introduction

Host Indicator light

Indicator light status	State
The green light	The host is switched on.
The orange light	The network is not available.
Flashing red	The host at the promotion or restore the factory status.
Turn off	The host does not boot or not connected to the power supply.

Camera Indicator light

Indicator light status	State
The red light	Camera is correctly connected to the host

Indicator light status	State
The yellow light	The system is in a sleep mode.
Flashing red	Press the buttons on the remote control.
Turn off	Camera is not properly connected to the host.

Configuration Mode

System support two method configuration mode as below:

- Remote Mode
- Web Interface Mode

Below is a brief introduction to the configuration system. Detailed configuration steps will be introduced in each function below.

Remote

Configuration and call on VC400 video conference system. According to the execution configuration of operating the corresponding button on the remote. To understand the function of each key on the remote controller, please refer to page fifth of the VCR10wireless remote. Only users with administrator rights to enter the LCD screen "advanced settings" menu. "0000 is the default administrator password". Web Interface.

Introduction

System Installation

Display system

In the display system, Camera not be opposite the window or other bright source. Reserve enough space, so that the connecting cable. The Camera and display together, so that all participants in the display oriented and Camera oriented.

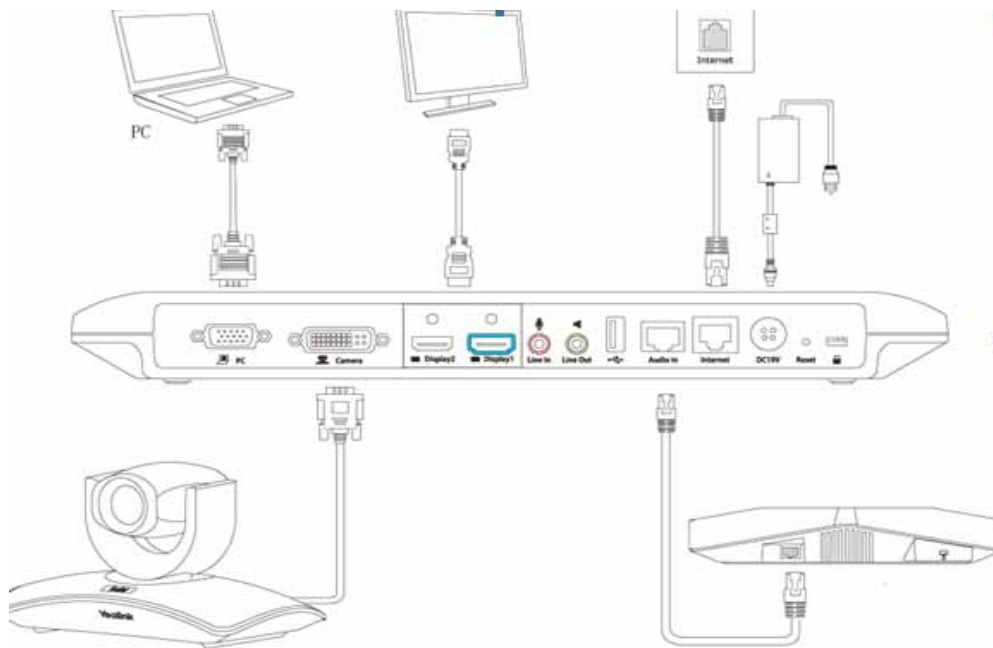
Install the system components

The following describes how to install the system components:

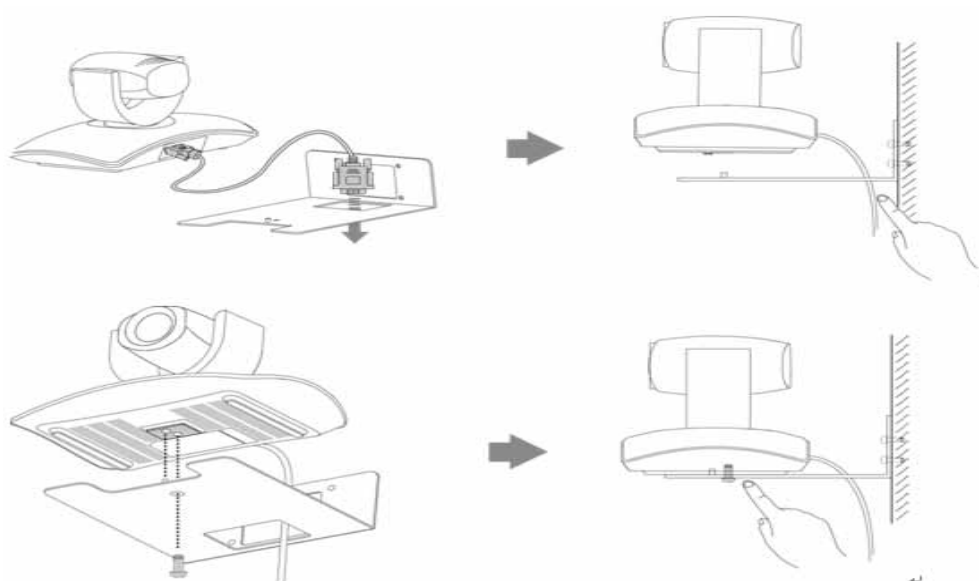
- Installing VC400 video conference system
- Camera will be installed in the wall
- Installing remote controller battery

1) Install VC400 Video Conference System:

1. End of the network cable connection in the network interface of VC400 host, the other end is connected to a switch / hub port.
2. End of the DVI cable connected to the Camera interface of VC400 host, the other end is connected to the Camera.
3. End of the network cable connection in video conference telephone interface of VC400 host, the other end is connected to the Audio Out interface VCP40 phone.
4. End of the HDMI cable connected to the display interface of VC400 host in 1, while the other end is connected to the HDMI IN interface display..
5. The 5 connecting the monitor power.
6. (optional) End of the VGA cable connection in VC400 host computer interface, the other end is connected to the computer.
7. End of the power adapter is connected to the power supply interface of VC400 host, the other end is connected to a power supply socket.
8. In all equipment connected system matching, you can use the wire harness strapping system cable.



1. (Optional) The use of screw Camera is fixed on the wall bracket, and the DVI at the other end of the line is connected to the Camera interface on the VC400 host.

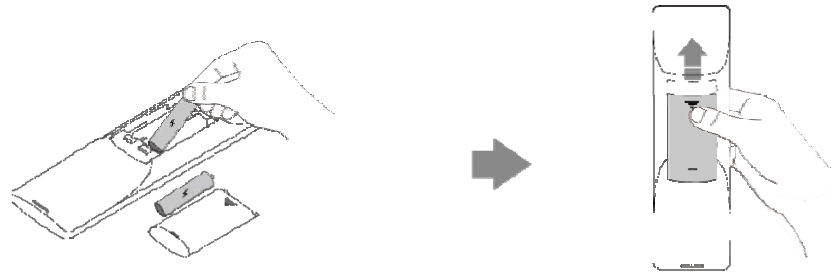


2. Install the remote controller battery:

1 Take the remote control back battery cover.

2 Make sure the bottom of the box diagram "+" "-" pole, right into the battery.

3 Reinstall the battery box cover.

**Warning**

Please dispose of the remote control of waste battery.

Do not use the remote control to long time, you should take out the battery.

System startup and shutdown

Note

In order to avoid damage to the system, you should always use the power on the host to open the key off the system power supply. In the closed system power supply, wait at least 15 seconds, then pull the power line system. This helps to ensure that the correct system shutdown.

The host in the power supply state, regardless of whether the boot, the camera is powered.

Shut down the power supply system:

According to the host. 

System startup

System initialization process is completed, will be in accordance with the following steps to start:

- 1 host Indicator light bright green.
- 2 Camera Indicator light bright red.
- 3 VCP40 Indicator light bright red.
- 4 LCD screen display Boot interface.
- 5 Camera automatic rotating camera to the middle position.
- 6 LCD screen display Boot setup wizard (first boot system, upgrade or restore factory settings after the show).

7 complete boot Settings Wizard, the LCD screen displays the main interface.

The main interface information including:

- date and time
- system IP address and the name of the site
- softkey label
- Camera video

8 VCP40 phone normal start, and display system, soft site name, date and time.

If the system completed the above steps, which indicates that the system has successfully completed the start.

FCC Caution:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.