

# C56/C56P

VoIP Phone

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## VoIP Phone C56/C56P Quick Installation Guide



  
CORTELCO

Smart VoIP

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## Instruction

This telephone may be configured through the web interface or through the keypad and LCD. A high speed connection to the internet is necessary to use this telephone to make VoIP calls.

### Check Your Package Contents

The following items should be included with your telephone:



VoIP Phone C56/C56P



Handset



Power adaptor



Handset cord



Quick Installation Guide



Base bracket

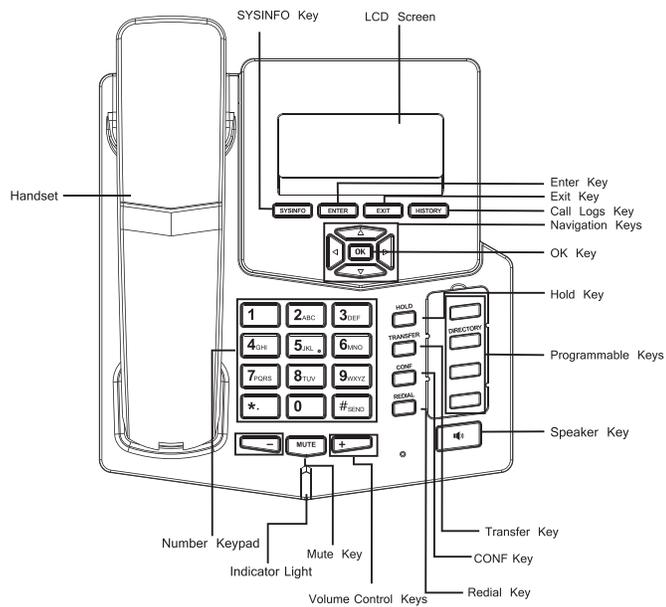


Ethernet Cable

## 2

## Key Locations and Functions

Front view and keypad function:

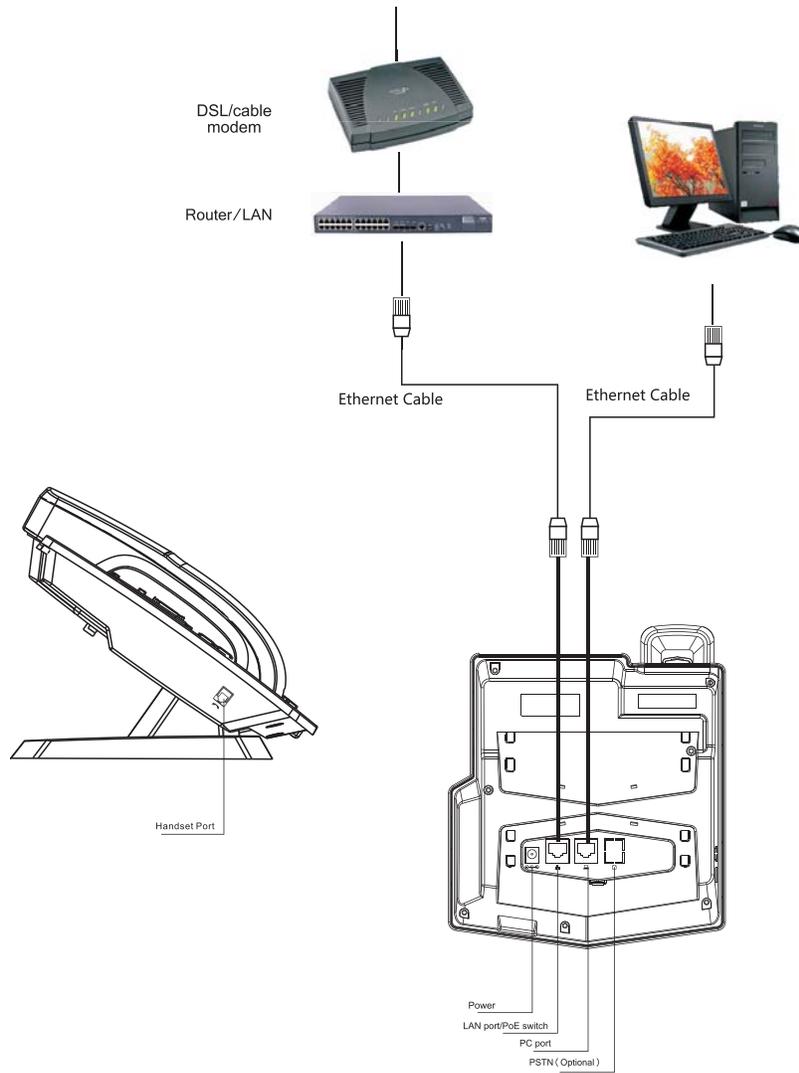


The following chart shows the letters obtained from multiple pressing of the numeric keys. This is used to enter text on the LCD.

Text Mode		Text Mode		Text Mode	
Key	Normal(ABC)	Numeric(0-9)	Key	Normal(ABC)	Numeric(0-9)
<b>1</b>		1	<b>7</b> <sub>PQRS</sub>	PQRS	7
<b>2</b> <sub>ABC</sub>	ABC	2	<b>8</b> <sub>TUV</sub>	TUV	8
<b>3</b> <sub>DEF</sub>	DEF	3	<b>9</b> <sub>WXYZ</sub>	WXYZ	9
<b>4</b> <sub>GHI</sub>	GHI	4	<b>0</b>		0
<b>5</b> <sub>JKL</sub>	JKL	5	<b>*.</b>	.	*
<b>6</b> <sub>MNO</sub>	MNO	6	<b>#</b> <sub>SEND</sub>		#

### 3 Phone Connection

Connect the IP Phone as shown by the following diagram:

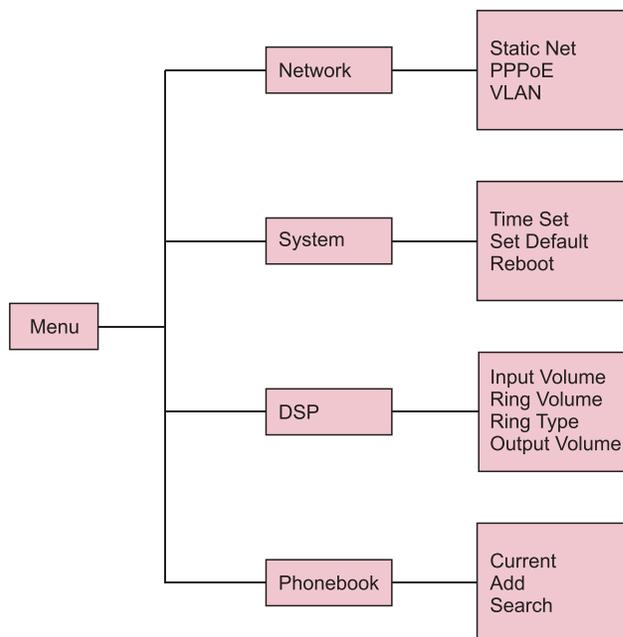


## 4 IP Phone Setup Menu(1)

### Network mode Settings diagram:

1. Changing Network Mode - While idle press and hold keys 1, 2, or 3 until the LCD shows "ARE YOU SURE." Press the OK key to switch to Static, DHCP or PPPoE mode respectively.
2. Static mode settings - While idle enter the password, then select the following: NETWORK-WAN-STATIC NET. Then enter the network information as requested.
3. PPPoE mode settings - While idle enter the password, then select the following: NETWORK-WAN-PPPOE. Then enter the user name and password.

### Phone Menu Structure



## 5 Configuration(1)

### Web Login

The C56/C56P may also be configured using a web browser.



Find the IP address by pressing the SYSINFO key. Then enter this address into the address bar of the browser. You will see the screen below.



Enter the user name and password. Default value for both is "admin." After login, you will see the phone web page as shown below.

The screenshot shows the Fanvil C56/C56P web interface. The top navigation bar includes "STATUS", "WIZARD", and "CALL LOG". A left sidebar contains menu items: "BASIC", "NETWORK", "VOIP", "PHONE", "FUNCTION KEY", "MAINTENANCE", "SECURITY", and "LOGOUT". The main content area displays network and account information.

Network			
WAN	LAN		
Connection Mode	DHCP	IP Address	
MAC Address	00:02:3F:00:00:25	DHCP Service	Disabled
IP Address	192.168.1.41	Bridge Mode	Enabled
IP Gateway	192.168.1.1		

Accounts		
SIP Line 1	4121@192.168.1.4:3060	Registered
SIP Line 2	0-3060	Unapplied

## 6 Configuration(2)

### Network - PPPoE Setting

Select Network from the main menu.

Select PPPoE as network connection type if your ISP uses PPPoE. (Most DSL users use PPPoE.)

The screenshot shows the Fanvil CS6/CS6P configuration interface. The left sidebar contains a menu with options: BASIC, NETWORK (selected), VOIP, PHONE, FUNCTION KEY, MAINTENANCE, SECURITY, and LOGOUT. The main content area is titled 'WAN' and has sub-tabs for WAN, QoS/VLAN, SERVICE PORT, and TIME/DATE. Under 'WAN Settings', the 'Static IP' radio button is unselected, and the 'PPPoE' radio button is selected. The 'Obtain DNS Server Automatically' checkbox is checked and labeled 'Disabled'. The 'Service Name' field contains 'ANY', the 'User' field contains 'user123', and the 'Password' field is masked with asterisks. An 'Apply' button is located at the bottom right of the settings section.

WAN Status	
Active IP Address	192.168.1.41
Current Subnet Mask	255.255.255.0
Current IP Gateway	192.168.1.1
MAC Address	00:02:5f:00:00:25
MAC Timestamp	2012-3-1

WAN Settings	
Obtain DNS Server Automatically	<input checked="" type="checkbox"/> Disabled
Static IP	<input type="radio"/>
Service Name	<input type="text" value="ANY"/>
User	<input type="text" value="user123"/>
Password	<input type="password" value="*****"/>

### Network - Static Setting

Select Static as your network type if instructed to do so by your ISP.

Note that your ISP will need to furnish all the connection information.

The screenshot shows the Fanvil CS6/CS6P configuration interface. The left sidebar contains a menu with options: BASIC, NETWORK (selected), VOIP, PHONE, FUNCTION KEY, MAINTENANCE, SECURITY, and LOGOUT. The main content area is titled 'WAN' and has sub-tabs for WAN, QoS/VLAN, SERVICE PORT, and TIME/DATE. Under 'WAN Settings', the 'Static IP' radio button is selected, and the 'PPPoE' radio button is unselected. The 'Obtain DNS Server Automatically' checkbox is checked and labeled 'Disabled'. The 'IP Address' field contains '192.168.1.179', the 'Subnet Mask' field contains '255.255.255.0', the 'IP Gateway' field contains '192.168.1.1', the 'DNS Domain' field is empty, the 'Primary DNS' field contains '202.96.134.133', and the 'Secondary DNS' field contains '202.96.128.68'. An 'Apply' button is located at the bottom right of the settings section.

WAN Status	
Active IP Address	192.168.1.41
Current Subnet Mask	255.255.255.0
Current IP Gateway	192.168.1.1
MAC Address	00:02:5f:00:00:25
MAC Timestamp	2012-3-1

WAN Settings	
Static IP	<input checked="" type="radio"/>
IP Address	<input type="text" value="192.168.1.179"/>
Subnet Mask	<input type="text" value="255.255.255.0"/>
IP Gateway	<input type="text" value="192.168.1.1"/>
DNS Domain	<input type="text"/>
Primary DNS	<input type="text" value="202.96.134.133"/>
Secondary DNS	<input type="text" value="202.96.128.68"/>

## 7 Configuration(3)

### Network - DHCP Setting

Select DHCP if your network has a DHCP server.

The screenshot shows the 'WAN Settings' section of the Fanvil configuration interface. The 'Obtain DNS Server Automatically' dropdown is set to 'Enabled'. Under 'Static IP', the 'DHCP' radio button is selected, while 'Static IP' and 'PPPoE' are unselected. An 'Apply' button is visible at the bottom of the settings.

WAN Status	
Active IP Address	192.168.1.28
Current Subnet Mask	255.255.255.0
Current IP Gateway	192.168.1.1
MAC Address	30:30:28:10:f0:ae
MAC Timestamp	2012-4-3

**WAN Settings**

Obtain DNS Server Automatically:

Static IP:  DHCP:  PPPoE:

### SIP Settings

Select SIP Settings from the main menu. Enter the fields required by your SIP Service provider. Usually Server Address, Server Port, Authentication User, Authentication Password, and SIP User are required. Then check Enable Registration and click Apply to register to the SIP server.

The screenshot shows the 'SIP Line' configuration page for 'SIP 1'. The 'Status' is 'Registered'. The 'Basic Settings' section includes fields for Server Address (192.168.1.4), Server Port (5060), Authentication User (4121), Authentication Password (\*\*\*\*), SIP User (4121), Display Name, and Enable Registration (checked). There are also fields for Domain Realm, Proxy Server Address, Proxy Server Port, Proxy User, Proxy Password, Backup Server Address, Backup Server Port, and Server Name. An 'Apply' button is located at the bottom.

**SIP Line**: SIP 1

**Basic Settings >>**

Status	Registered	Domain Realm	
Server Address	192.168.1.4	Proxy Server Address	
Server Port	5060	Proxy Server Port	
Authentication User	4121	Proxy User	
Authentication Password	****	Proxy Password	
SIP User	4121	Backup Server Address	
Display Name		Backup Server Port	
Enable Registration	<input checked="" type="checkbox"/>	Server Name	

**Codecs Settings >>**

**Advanced SIP Settings >>**

**SIP Global Settings >>**

Server Address	SIP server address
Server Port	SIP server port number
Authentication User	Username for logging into the SIP server
Authentication Password	Password for logging into the SIP server
SIP user	SIP phone number

## 8 Make a Phone Call

### IP Address (Peer-to-Peer)

1. Lift the handset or press the speakerphone button.
2. Dial the IP address of the phone to be called. Dial the # key before and after the address and use the \* key for the period. For example: To call 192.168.0.1 dial #192\*168\*0\*1#.

### SIP Number

Note that this requires registration to a SIP server.

1. Lift the handset or press the speakerphone button.
2. Dial the SIP extension number of the phone to be called.
3. Press the # key after dialing the numbers or wait for the timer to expire to place the call.

