

Instructions to setup your new phone:

1. Plug the supplied Cat5 patch cable from the LAN port of your phone to your router or network wall jack.
2. Plug the network cable from your computer (if applicable) into the PC port on the phone.
3. Plug the phone into the power outlet and let it boot up.
4. At the bottom of the screen, locate the IP address.



5. Enter that IP address into your browser's address bar
6. Enter the password [admin]

7. Go to the Advanced settings page

Grandstream Device Configuration

STATUS BASIC SETTINGS **ADVANCED SETTINGS** ACCOUNT 1 ACCOUNT 2 ACCOUNT 3 ACCOUNT 4 EXT 1 EXT 2

Admin Password: (purposely not displayed for security protection)

G723 rate: 6.3kbps encoding rate 5.3kbps encoding rate

iLBC frame size: 20ms 30ms

iLBC payload type: (between 96 and 127, default is 97)

Silence Suppression: No Yes

Voice Frames per TX: (up to 10/20/32/64 for G711/G726/G723/other codecs respectively)

Layer 3 QoS: (Diff-Serv or Precedence value)

Layer 2 QoS: 802.1Q/VLAN Tag 802.1p priority value (0-7)

No Key Entry Timeout: (in seconds, default is 4 seconds)

Use # as Dial Key: No Yes

local RTP port: (1024-65400, default 5004, must be even)

Use random port: No Yes

keep-alive interval: (in seconds, default 20 seconds)

Use NAT IP: (if specified, this will be used in SIP/SDP message)

STUN server: (URI or IP:port)

Firmware Upgrade and Provisioning: Upgrade Via TFTP HTTP

Firmware Server Path:

Config Server Path:

Firmware File Prefix:

Firmware File Postfix:

Config File Prefix:

Config File Postfix:

Allow DHCP Option 66 to override server: No Yes

Automatic Upgrade: No Yes, check for upgrade every minutes (default 7 days)

8. Select [TFTP] in the [Firmware Upgrade and Provisioning] section
9. Enter [tftp.cachetelecom.com] into both sections of the [Firmware Upgrade and Provisioning]
10. Click [Update] at the bottom of the screen
11. Click [Reboot]
12. Your done. Wait for the phone to reboot twice, and you should be set.

Next you can set your speed dials and BLF (Busy Lamp Field) settings. BLF keys are what you use to see if other phones in your company are on the phone as indicated by red and green lights. You can also use those buttons to transfer calls to those extensions as well.

Setting your BLF and Speed Dials

1. After your phone reboots, login to the phone as you did above using the password [user]
2. You will be at the [basic settings] screen
3. Enter the BLF or Speed Dial information

The screenshot shows the 'Multi Purpose Key' configuration screen. It contains several sections for setting keys 1 through 7, a Time Zone section, and various system settings. Red boxes and arrows highlight specific fields and provide instructions:

- Multi Purpose Key 1:** Key Mode: Busy Lamp Field (BLF), Account: Account 1, Name: John Doe, UserID: John Doe's Ext#. A red box labeled "Enter other person extension number here" has an arrow pointing to the UserID field.
- Multi Purpose Key 2:** Key Mode: Busy Lamp Field (BLF), Account: Account 1, Name: Jane Doe, UserID: Jane Doe's Ext#.
- Multi Purpose Key 3:** Key Mode: Speed Dial, Account: Account 1, Name: My Home, UserID: 555-555-5555. A red box labeled "Use This setting to set your buttons to show the status of other extensions" has an arrow pointing to the Key Mode dropdown.
- Multi Purpose Key 4:** Key Mode: Speed Dial, Account: Account 1, Name: My Bank, UserID: 555-555-5555.
- Multi Purpose Key 5:** Key Mode: Speed Dial, Account: Account 1, Name: , UserID: .
- Multi Purpose Key 6:** Key Mode: Speed Dial, Account: Account 1, Name: , UserID: .
- Multi Purpose Key 7:** Key Mode: Speed Dial, Account: Account 1, Name: , UserID: .
- Time Zone:** GMT-7:00 (US Mountain Time, Denver). Below it, "Allow DHCP Option 2 to override Time Zone setting:" has radio buttons for No and Yes (selected).
- Daylight Savings Time:** Radio buttons for No and Yes (selected).
- Optional Rule:** 3,2,7,2,0;11,1,7,2,0;60
- LCD Backlight Always On:** Radio buttons for No and Yes (selected).
- LCD Contrast:** 15 (0-20)
- Time Display Format:** Radio buttons for 12 HOUR (selected) and 24 HOUR.
- Date Display Format:** Radio buttons for Year-Month-Day (selected), Month-Day-Year, and Day-Month-Year.
- Display Clock instead of Date:** Radio buttons for No (selected) and Yes.
- Disable in-call DTMF display:** Radio buttons for No (selected) and Yes.
- Mute Speaker Ringer:** Radio buttons for No (selected) and Yes.

4. Choose your time zone in [Time Zone] section. You can make other changes as you wish, but we would suggest leaving the Daylight Savings settings alone. If you require no daylight savings time, please contact us, and we will build a custom configuration file for you.
5. Click [Update] then [Reboot]
6. That should do it. If you need any other help, please contact us at <http://support.cachetelecom.com>