MondoTalk Guide - How to Configure BLF

Overview: BLF or busy lamp field is a default feature of the MondoTalk Cloud PBX. Using the DSS or programmable keys in your IP phone, this will allow you to monitor other extensions and tell who is engaged on a call or not.

Contents

Yealink Manual BLF configuration

1. Log in to your IP phone's web interface by typings its IP address in your web browser (please make sure that your phone and computer are on the same local network).
2. The default administrator login is
   - Username: admin
   - Password: admin
3. Go to DSS Keys then select line key or memory key (depending on your phone model and firmware).
4. Populate the required details as shown below. Please note that the line key corresponds to the physical buttons in your phone and the number of available line keys depends on your phone's model.
   a. Type = Select BLF
   b. Value = The username of the extension that you want to monitor. For example 101abc.
   c. Label = Some phone models allow you to enter a label. This can be anything that you like but the person's name is ideal.
   d. Line = Select the line number / account number that your extension is configured on.

    e. Extension = This is the same with value.

5. Do step 4 for all the extensions that you want to monitor.
6. Click confirm / save.
7. Once saved, you should see the buttons light up. Normally Yealink has the the following behavior:
    a. Solid light if the monitored extension is not engaged.
    b. Flashing / blinking if the monitored extension is ringing or is engaged.

Grandstream Manual BLF configuration

1. Log in to your IP phone's web interface by typings its IP address in your web browser (please make sure that your phone and computer are on the same local network).
2. The default administrator login is
    ● Username: admin
    ● Password: admin
3. Go to settings >> programmable keys >> programmable keys
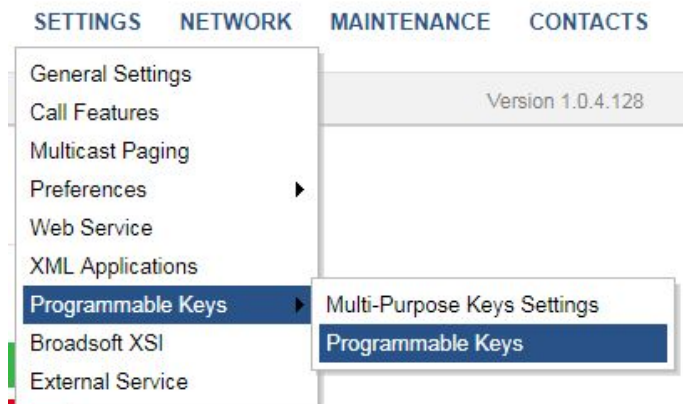
4. Populate the following under Multi-Purpose Keys (MPK). Please note that the number of MPK will depend on your phone's model.
    a. Mode = Select busy lamp field (BLF).
    b. Account = Select the account number where your extension is configured.
    c. Description = You can enter anything in this field but the person's name is ideal.
    d. The username of the extension that you want to monitor. For example 101abc.

Multi-Purpose Keys

	Mode	Account	Description	Value
MPK 1	Busy Lamp Field (BLF) ▼	Account 1 ▼	Reception	101abc
MPK 2	Busy Lamp Field (BLF) ▼	Account 1 ▼	Manager	102abc
MPK 3	Busy Lamp Field (BLF) ▼	Account 1 ▼	Description	Value
MPK 4	Busy Lamp Field (BLF) ▼	Account 1 ▼	Description	Value
MPK 5	Busy Lamp Field (BLF) ▼	Account 1 ▼	Description	Value
MPK 6	Speed Dial ▼	Account 1 ▼	Description	Value
MPK 7	Speed Dial ▼	Account 1 ▼	Description	Value
MPK 8	Speed Dial ▼	Account 1 ▼	Description	Value

5. Click save and apply.
6. Once saved, you should see the buttons light up. Normally Grandstream has the the following behavior:
    a. Solid green light when the monitored extension is not engaged.
    b. Flashing / blinking red light if the monitored extension is ringing or is engaged.

SNOM Manual BLF configuration

1. Log in to your IP phone's web interface by typings its IP address in your web browser (please make sure that your phone and computer are on the same local network).
2. SNOM phones do not usually ask for a log but he default administrator login is
    ● Username: admin
    ● Password: admin
3. Go to function keys then populate the details below. Please take note that the number of fucntion keys (P buttons) depends on your phone model.
    a. First column = Select your extension number.
    b. 2nd column = Select BLF
    c. 3rd column = Enter the extension that you wish to monitor in this format:
        <sip:101abc@cloud-pbx-01.mondotalk.net>|*8
    d. Click apply.
4. SNOM phones normally has the following behavior for BLF.
    ● No light If the monitored extension is not engaged.
    ● Flashing / blink if the monitored extension is ringing.
    ● Solid light if the monitored extension is engaged.

BLF autoprivisioning

You can auto provision the BLF settings for most phones. However, please note that the Cloud PBX portal will not allow you to enter a name for the description or label.

1. Login to your Cloud PBX portal.
2. Go to extensions >> Select the extension number >> autoprovision.
   a. If this is the first time that you will provision the extension then you need to enter the following:
      i. Select the extension number that you wish to provision.
      ii. Enter the mac address of the phone using the format provided in the portal.
      iii. Select your phone model (Please contact MondoTalk support if you cannot see your phone's model in the list).
      iv. Set the phone display to English
      v. Proceed to step 3.
   b. If you have provisioned the phone before and you are just adding BLF to it. You need to
      i. Select the extension number that you wish to provision.
      ii. Proceed to step 3.
3. Under Busy lamp field enter the following details.
   a. Type = BLF
   b. Action = Username of the extension that you will monitor.

   Please note that an "More BLF" button is provided below. You will need to match the number of BLF / DSS / Function keys / MPK your phone has before provisioning. This will simulate your phone and provision it in the exact location you configured it via the portal.
4. Click up update. Please note that any changes done in portal will take 5 minutes to propagate.
5. Provision the phones. Please take note that a factory reset and reprovisioning may be required if you are just adding the BLF settings to a previously provisioned phones.