

How to configure FF key

(KX-UT670)

No.25-007

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Ver.1.1

Panasonic Corporation

Abstract about this document

This document describe how to configure FF key.

Revision history

Date	Version	Revision
March 23,2012	Ver. 1.0	Initial Release
May 15,2012	Ver. 1.1	Added Note at page 3

General description

Note:

At least 2 DN buttons must be assigned to each line.

If DN buttons are not assigned, calls cannot be made or answered.

Customizing Flexible buttons

You can assign applications or telephone functions you frequently use to flexible buttons.

Doing so allows you to access these with one touch and avoid multi-step procedures.

Flexible Button Screen

Single-row display



Full-screen display



- 1 Tapping a button activates the feature assigned to the flexible button.
- 2 Switches between single-row display and full-screen display.
- 3 Displays the next column.

Type of flexible buttons (1)

You can assign the following items to flexible buttons.

Phone function

Assign functions for making and handling phone calls to the flexible button.

Applications

Assign an application to a flexible button.

Tapping the flexible button will start the specified application.

Bookmark

Assign a Web page's URL to the flexible button.

Tapping the flexible button will start Browser and then load the page at the specified URL.

Network Cameras

Assign a network camera to a flexible button.

Tapping the flexible button allows you to view the video feed from the specified network camera.

Type of flexible buttons (2)

The following phone functions can be assigned to flexible buttons.

When assigning a phone function, you must specify the following three settings:

Type

The type of phone function to assign to the flexible button (DN, One-touch, Headset, BLF).

Parameter

Specify the settings necessary for the type of phone function.

Label name

Enter the label to display on the flexible button.

DN

Seizes the line assigned to the key, and also shows the status of the line.

Tapping a flexible button set as a DN (Directory Number) button answers calls arriving at that button, retrieves calls held at that button, etc.

Color (State)	Line Status
Off	Idle
Green (steady on)	Dialing/On a call
Green (flashing rapidly)	Incoming call
Green (flashing slowly)	Call on hold

Parameter

- **Ringtone:** Select the ringtone to play when a call arrives at this button. If a ringtone is already specified for the line through phone settings (Page 111), this option is unavailable.
- **Phone Number:** If multiple lines are configured on your unit, select the line to associate this DN button with. If only one line is configured, this setting is unavailable. For details, consult your administrator or dealer.

Headset

Switches headset mode on or off.

Color (State)	Headset Mode
Off	Off
Red (steady on)	On

Parameter

None

BLF

Shows the status of another local phone's line. You can use a flexible button set as a BLF (Busy Lamp Field) button to call or transfer a call to the phone assigned to the button.

When a call arrives at the phone assigned to a BLF button, tapping the button allows you to answer the call instead of the original recipient. (This feature requires the Direct Call Pickup setting to be specified. For details, consult your administrator or dealer.)

Color (State)	Line Status
Off	Idle
Red (steady on)	On a call
Red (flashing)	Incoming call

Parameter

Enter the number of the local phone to monitor (max. 32 characters).

One-Touch

Dials the number assigned to the button.

Parameter

Enter the number to dial when this button is tapped (max. 32 characters).

How to set Flexible button on the phone

Assigning a Function to a Flexible Button

1. On the phone screen, tap  .
2. Press  Menu .
3. Tap [Start Flexible Button Prog Mode]*.
*X model : [Start Flexible Button Configuration Mode].
4. Tap the desired key.
5. On the [Select] screen, select the function you want to assign.
6. Following the on-screen instructions.

Note

During steps 4 to 6, if you do not perform any operations for 1 minute the unit returns to full-screen display.

The name and icon of the flexible button will change according to the function assigned to it.

Removing the Function Assigned to a Flexible Button

1. On the phone screen, tap  .
2. Press  Menu .
3. Tap [Start Flexible Button Prog Mode].
4. Tap the flexible button whose function you want to remove.
5. On the [Select] screen, tap [Clear].

Note

During steps 4 to 5, if you do not perform any operations for 1 minute the unit returns to full-screen display.

How to set Flexible Keys in provisioning (1)

Flexible keys can be set as same procedure as UT670 by configuration file.

*note : small x is the button number.

FLEX_BUTTON_FACILITY_ACTx

Value Format	String
Description	Specifies a particular Facility Action for the flexible button. No facility action will be taken for the button if the string is empty or invalid.
Value Range	Only the following values are available: X_PANASONIC_IPTTEL_DN, X_PANASONIC_IPTTEL_HEADSET, X_PANASONIC_IPTTEL_CONTACT, X_PANASONIC_IPTTEL_ONETOUCH
Default Value	X_PANASONIC_IPTTEL_DN

FLEX_BUTTON_FACILITY_ARGx

Value Format	String
Description	Optional argument associated with the specified Facility Action for the flexible button.
Value Range	Max. 32 characters Note <ul style="list-style-type: none">• The value range differs depending on the flexible button set in "FLEX_BUTTON_FACILITY_ACTx", as follows:<ul style="list-style-type: none">– X_PANASONIC_IPTTEL_DN: 1–32 (ringtone number)– X_PANASONIC_IPTTEL_HEADSET: not available– X_PANASONIC_IPTTEL_CONTACT: 1–32 digit number– X_PANASONIC_IPTTEL_ONETOUCH: 1–32 digit numberFor details about flexible buttons, refer to the Operating Instructions on the Panasonic Web site (→ see Introduction).
Default Value	1,1

How to set Flexible Keys in provisioning (2)

FLEX_BUTTON_LABELx

Value Format	String
Description	Specifies the message to be displayed on the screen when the flexible button is pressed. Note <ul style="list-style-type: none">You can use Unicode characters for this setting.
Value Range	Max. 10 characters or 30 bytes
Default Value	Empty string

How to set Flexible Keys in provisioning (3)

For DN

```
FLEX_BUTTON_FACILITY_ACTx="X_PANASONIC_IPTTEL_DN"  
FLEX_BUTTON_FACILITY_ARGx="y,z"<--- Tone No  
* y : Tone number, z : line number  
FLEX_BUTTON_LABELx="Name" <--- Label Name (10 characters)
```

For Headset

```
FLEX_BUTTON_FACILITY_ACTx="X_PANASONIC_IPTTEL_HEADSET"  
FLEX_BUTTON_FACILITY_ARGx=""<--- Null  
FLEX_BUTTON_LABELx="Name" <--- Label Name (10 characters)
```

For BLF

```
FLEX_BUTTON_FACILITY_ACTx="X_PANASONIC_IPTTEL_CONTACT"  
FLEX_BUTTON_FACILITY_ARGx="1234"<--- Phone Number  
FLEX_BUTTON_LABELx="Name" <--- Label Name (10 characters)
```

For One Touch

```
FLEX_BUTTON_FACILITY_ACTx="X_PANASONIC_IPTTEL_ONETOUCH"  
FLEX_BUTTON_FACILITY_ARGx="1234"<--- Phone Number  
FLEX_BUTTON_LABELx="Name" <--- Label Name (10 characters)
```

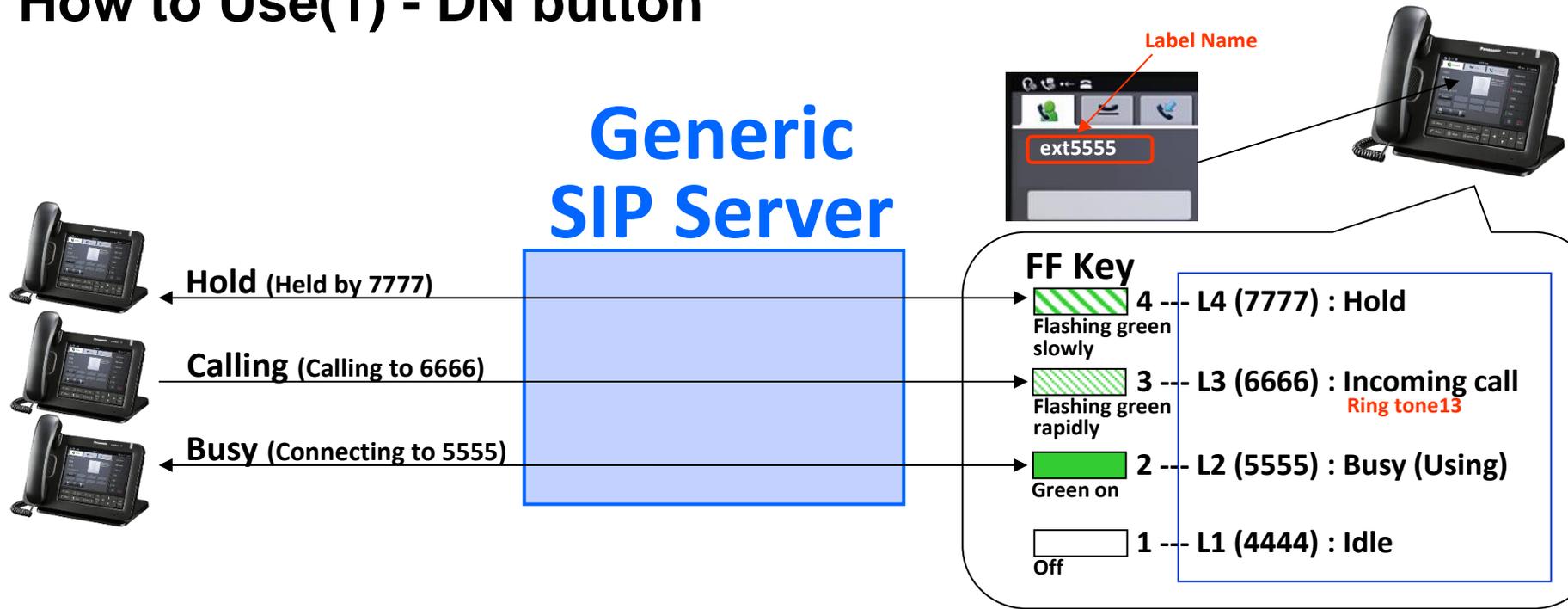
2 : How to set Flexible Keys (4)

Example

```
FLEX_BUTTON_FACILITY_ACT1="X_PANASONIC_IPTTEL_DN"  
FLEX_BUTTON_FACILITY_ARG1="2,1"  
FLEX_BUTTON_LABEL1="Line1"  
FLEX_BUTTON_FACILITY_ACT2="X_PANASONIC_IPTTEL_HEADSET"  
FLEX_BUTTON_FACILITY_ARG2=""  
FLEX_BUTTON_LABEL2="Headset"  
FLEX_BUTTON_FACILITY_ACT3="X_PANASONIC_IPTTEL_CONTACT"  
FLEX_BUTTON_FACILITY_ARG3="6002"  
FLEX_BUTTON_LABEL3="BLF for Bob"  
FLEX_BUTTON_FACILITY_ACT4="X_PANASONIC_IPTTEL_ONETOUCH"  
FLEX_BUTTON_FACILITY_ARG4="6003"  
FLEX_BUTTON_LABEL4="John"
```

- Flexible Button 1 is assigned as DN button and ringing with tone number 2
- Flexible Button 2 is assigned as Headset button. Used to enable / disable headset.
- Flexible Button 3 is assigned as BLF which can monitor status of phone 6002.
- Flexible Button 4 is assigned as one touch button to call phone 6003

How to Use(1) - DN button



Flexible Button Setting by terminal menu

Phone function

Type: DN

Parameter: Ringtone 12 5555

Label name: ext5555

OK Cancel

[Type]: "DN",
[Parameter]: Ringtone (1-32), Line No

Flexible Button Setting by configuration file

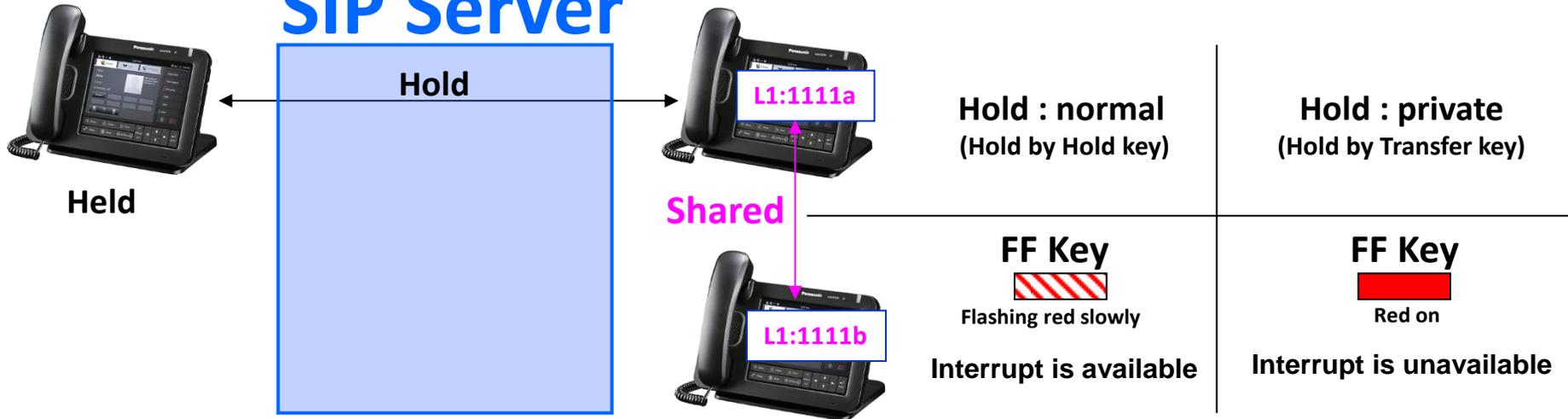
FLEX_BUTTON_FACILITY_ACTx for "Type"
FLEX_BUTTON_FACILITY_ARGx for "Parameter"
FLEX_BUTTON_LABELx for "Label Name"
Note : where x means button number.

Example : Assign Ringtone12 to "Line2" with button "2"

```
FLEX_BUTTON_FACILITY_ACT2="X_PANASONIC_IPTTEL_DN"
FLEX_BUTTON_FACILITY_ARG2="12,2"
FLEX_BUTTON_LABEL2="ext5555"
```

How to Use(2) - DN button

Generic SIP Server



Flexible Button Setting by terminal menu

Phone function

Type: DN

Parameter: Ringtone 11 1111

Label name: ext1111

OK Cancel

[Type]: "DN",
 [Parameter]: Ringtone (1-32), Line No

Flexible Button Setting by configuration file

FLEX_BUTTON_FACILITY_ACTx for "Type"
 FLEX_BUTTON_FACILITY_ARGx for "Parameter"
 FLEX_BUTTON_LABELx for "Label Name"
 Note : where x means button number.

Example : Assign Ringtone11 to "Line1" with button "1"

```
FLEX_BUTTON_FACILITY_ACT1="X_PANASONIC_IPTTEL_DN"
FLEX_BUTTON_FACILITY_ARG1="11,1"
FLEX_BUTTON_LABEL1="ext1111b"
```

How to Use(3) - DN button

Going Off-hook

1. Left the handset off its cradle.
2. Press . The icon shows a handset with a double-headed arrow and the text 'SP-Phone' next to it.
3. On the Phone screen, tap a flexible button assigned as a DN (Directory Number) button.

Holding a Call

1. On the [Current] tab, tap [HOLD] .
If Automatic Call Hold is enabled through configuration file programming, simply tapping a flexible button assigned as a DN button will put the call on hold.

Holding the Current Call and Answering the Second Call

1. On the [Incoming Call] window, tap [Close].
2. On the [Current] tab, tap [Hold].
3. Tap the DN button (flexible button) of the incoming call (Flashing green rapidly).

How to Use(4) - DN button

Transferring a Call

Transferring after the Destination Answers

- 1. During a call, tap a flexible button assigned as a BLF button.**
- 2. Call the party to whom you want to transfer the call.**
- 3. When the destination party answers, tap [Transfer Complete].**

If the transfer destination does not answer, either tapping [Transfer Cancel] or tapping the DN flexible button for the call on hold (Flashing green slowly) returns you to the original call.

Three-party Conference Call

During a two-party call, you can add a third party and establish a conference call.

- 1. During a call, tap [Conference] on the [Current] tab.**
- 2. Call the party you want to add to the call.**
- 3. When the third party answers, tap [Start Conference], and the three-party conference begins.**

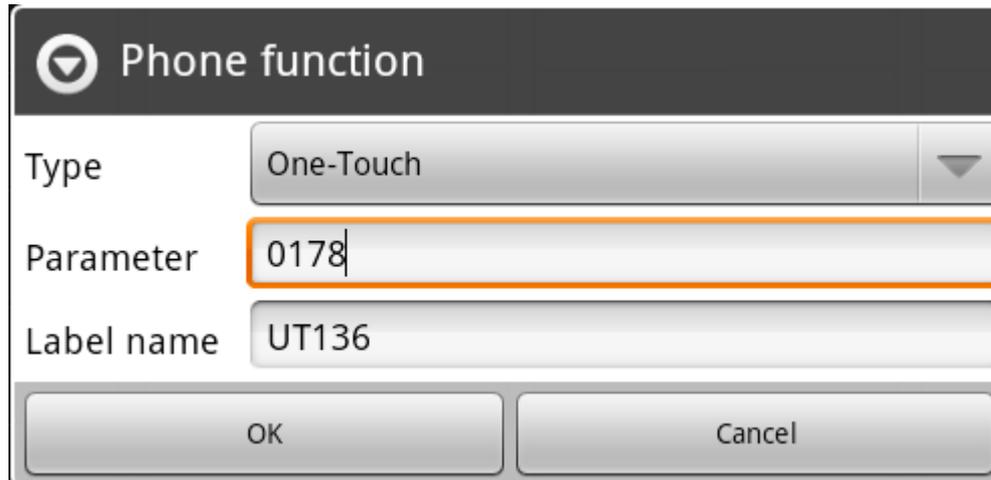
If Party you are adding to the call does not answer, tapping the DN flexible button of the call on hold (Flashing green slowly) returns you to the two-party call.

How to Use(5) - One-touch

Calling Using a Flexible Button Set as a One-touch Dialing Button

You can use a flexible button configured as One-touch Dialing button to easily calls.

1. Go off-hook.
2. Tap a flexible button configured as a One-touch Dialing button.



The image shows a 'Phone function' dialog box with the following fields and options:

- Type:** One-Touch (selected from a dropdown menu)
- Parameter:** 0178 (text input field, highlighted with an orange border)
- Label name:** UT136 (text input field)
- Buttons:** OK and Cancel

How to Use(6) - Headset

Using a Headset

You can use a flexible button set as a headset button to switch [Headset mode].

Lamp indication

Headset OFF : OFF

Headset ON : Red On

How to Use (7) – BLF setting for Generic SIP Server

Generic SIP Server



Busy



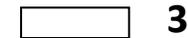
Ringing



Stand By

SUBSCRIBE
(1111,2222,3333,..)

FF Key



3



2



1

NOTIFY



Note : We need to have "Presence Server Address" for Sending SUBSCRIBE

Flexible Button Setting by terminal menu

Phone function

Type: BLF

Parameter: 1234

Label name: ext1234

OK Cancel

[Type]: "BLF",
[Parameter]: phone number (up to 32 digits)

Flexible Button Setting by configuration file

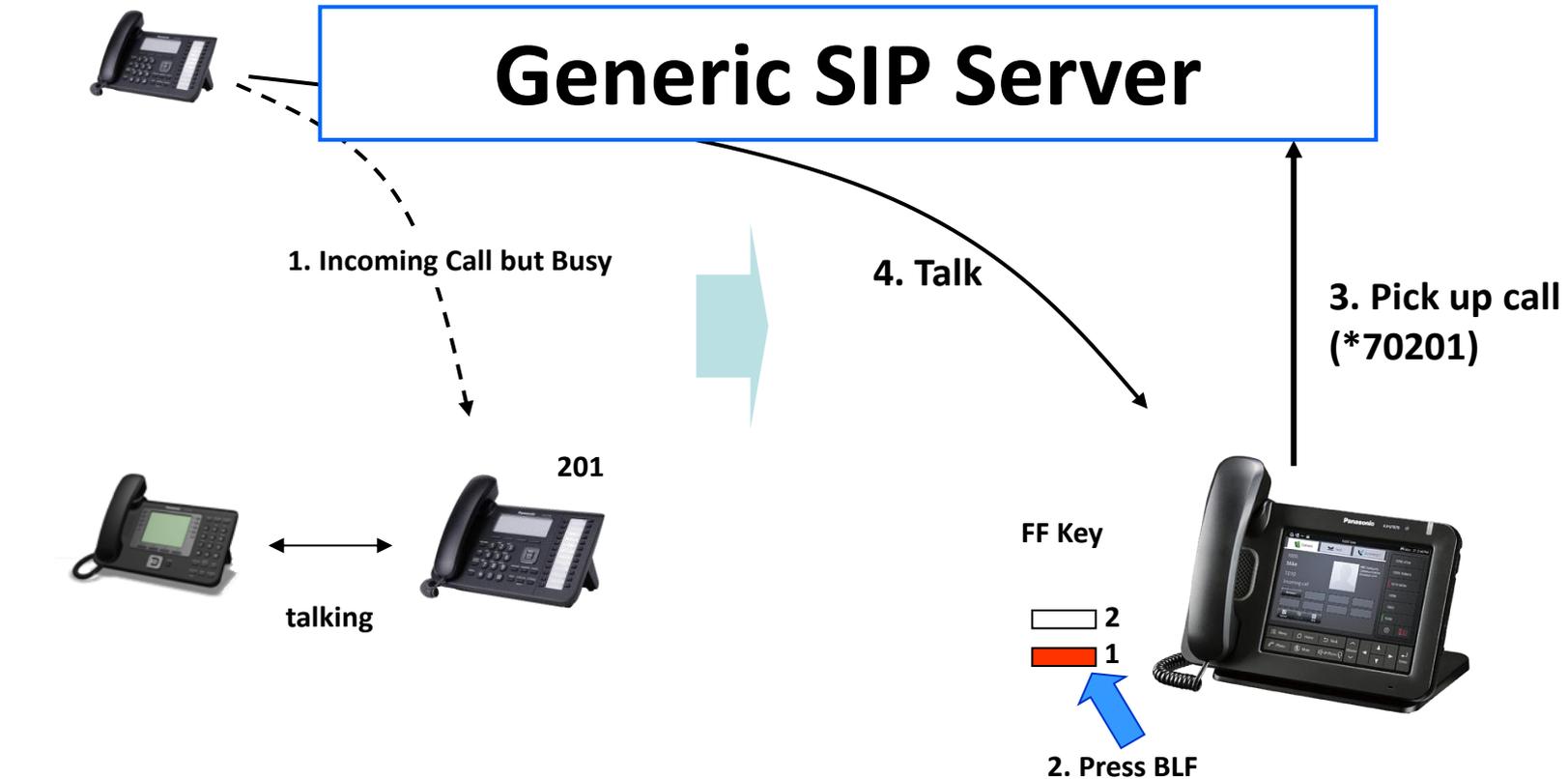
FLEX_BUTTON_FACILITY_ACTx for "Type"
FLEX_BUTTON_FACILITY_ARGx for "Parameter"
FLEX_BUTTON_LABELx for "Label Name"
Note : where x means button number.

Example : monitor "1234" with button "2"

```
FLEX_BUTTON_FACILITY_ACT2="X_PANASONIC_IPTTEL_CONTACT"  
FLEX_BUTTON_FACILITY_ARG2="1234"  
FLEX_BUTTON_LABEL2="Ext1234"
```

How to Use (8) – BLF Direct Call Pickup

Can pick up an incoming call by pressing BLF when monitoring line is busy



Direct Call Pickup (in WEB)

Direct Call Pickup

*70

[Telephone] -> [Call control] menu

Busy

Direct Call Pickup (in Configuration file)

Description	Specifies the feature number assigned to a BLF for performing call pickup.
Value Range	Max. 4 characters
Default Value	Not stored.
Configuration File Reference	NUM_PLAN_PICKUP_DIRECT (Page 183)

How to assign application / bookmark / network camera to Flexible Key

You can assign launch Application / Bookmark / Network Camera to flexible keys by following procedure

1. Please tap  button in the phone menu.
2. Tap [menu]
3. Tap [Start Key Configuration Mode]
4. Tap flexible key you'd like to configure.
5. Choose the function in "Select" dialog.
6. Follow the indication of screen.