

Scene and Function/Operation of SIP Cordless Phone System

(KX-TGP series)

No. 01-002

March 3 , 2011

Ver.1.0

Panasonic Corporation

Abstract about this document

This document describe about Scene and Function/Operation of SIP Cordless Phone System.

Revision history

Date	Version	Revision	Firmware version
Mar. 3, 2011	Ver. 1.0	Initial Release	All versions

Scenes with Panasonic SIP Cordless

Suggestion for 6-User

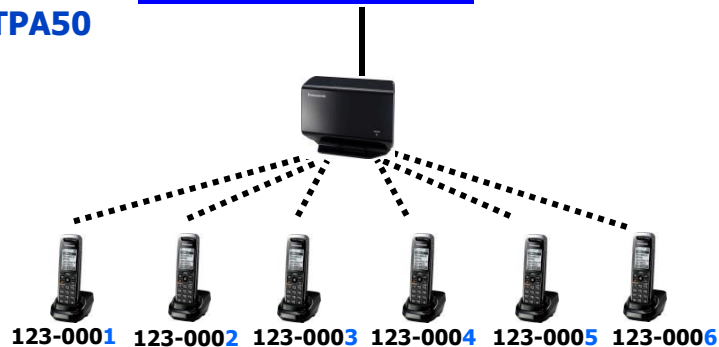
Very Small Office (6 members)

6 x TGP550 High end Solution



Very Small Office (6 members)

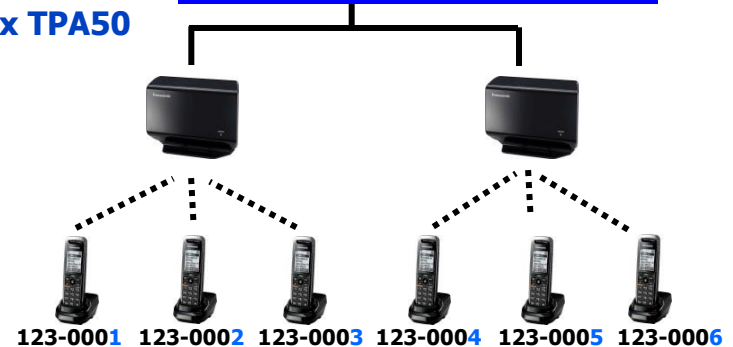
1 x TGP500 Low end Solution
5 x TPA50



Simultaneous Call : 3

Very Small Office (6 members)

2 x TGP500 6 concurrent call Solution
4 x TPA50



Simultaneous Call : 6(3+3)

Close-up of handset & base station

LCD shows how many lines are in use.
This example : 1 line is used and lines 2/3 are available.

Handset No.
[1] – [8]

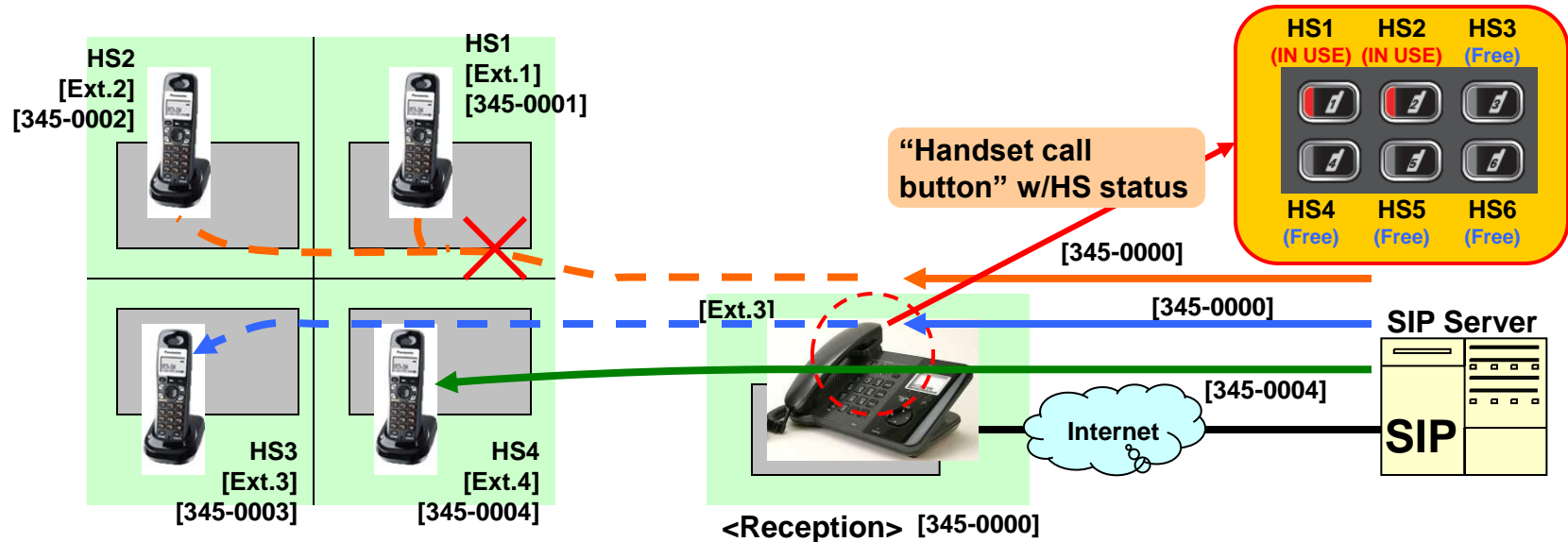
Base unit has call button for cordless handset busy indicator
This example : Handset #1 and #2 in-use/busy

Call all cordless handsets by pushing [ALL] button



Base station can display all line status using this feature key

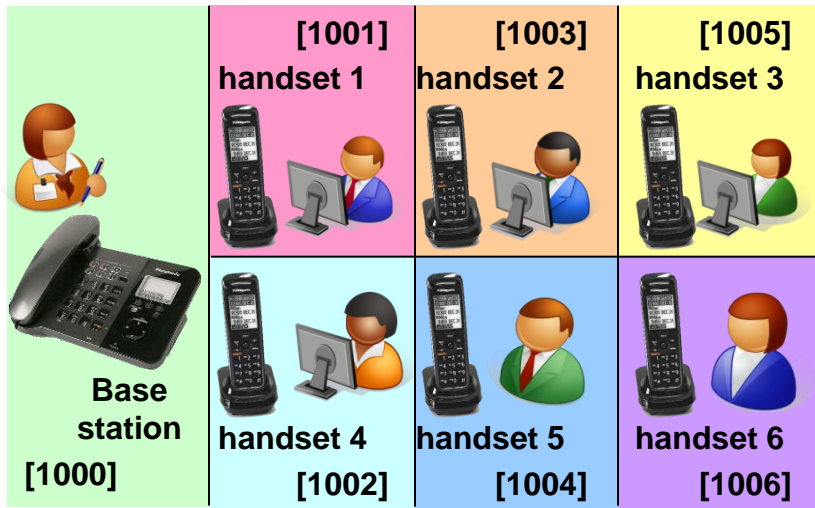
Small Business Receptionist



- 8 DID registrations (allows 1 for each station PLUS 1 general business number)
- Fully flexible ringing assignment (phones can ring for multiple lines if desired)
- Receptionist coverage for all lines/handsets (if desired)
- Transfer and intercom managed by DECT system
- Service provider voicemail indication
- User installable
- No wiring required to desktop

Number Assignment

Main number + DID



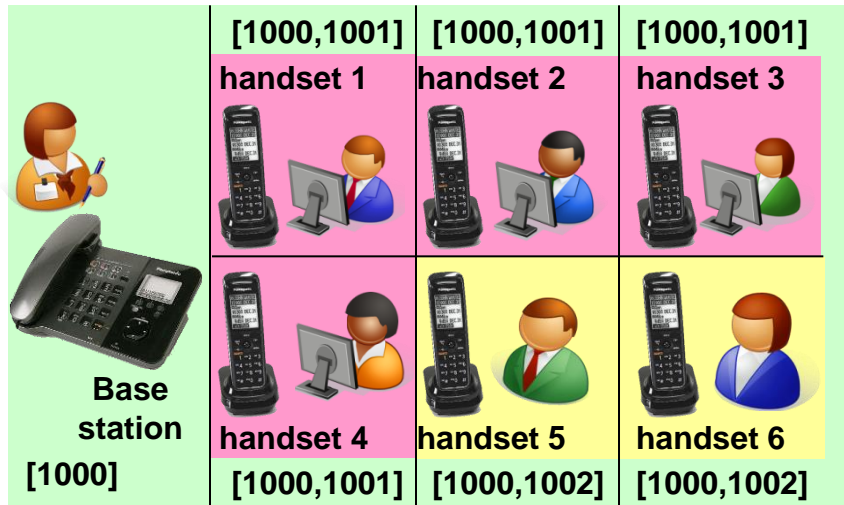
Eight numbers(VoIP accounts) can be independently assigned to a base station and/or handset

→ Grouping Handset/Handset selection for receiving calls

Line No.	Phone Number	Handset No.						Base
		/1	/2	/3	/4	/5	/6	
1	1000	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2	1001	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	1002	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	1003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	1004	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	1005	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	1006	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8		<input checked="" type="checkbox"/>	default	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Number Assignment

Overlap ringing assignments



Eight numbers(VoIP accounts) can be independently assigned to a base station and/or handset

→ Grouping Handset/Handset selection for receiving calls								
Line No.	Phone Number	Handset No.						Base
		/1	/2	/3	/4	/5	/6	
1	1000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	1001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	1002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6		<input checked="" type="checkbox"/>	default	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Flexible Number Assignment (web user interface)

Panasonic

KX-TGP550T04

Status Network System VoIP **Telephone** Maintenance

Multi Number Settings

Web Port Close

Telephone

Multi Number Settings

Call Control

- Line 1

- Line 2

- Line 3

- Line 4

- Line 5

- Line 6

- Line 7

- Line 8

Tone Settings

Import Phonebook

Export Phonebook

→ Grouping Handset/Handset selection for receiving calls

Line No.	Phone Number	Handset No.						Base
		/1	/2	/3	/4	/5	/6	
①	1000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
②	1001	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
③	1002	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
④		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
⑤		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
⑥		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
⑦		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
⑧		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

← Handset and Line No. selection for making calls

Handset No.	Line No.								Default
	①	②	③	④	⑤	⑥	⑦	⑧	
/1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	①
/2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	①
/3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	①
/4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	①
/5	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	①
/6	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	①
Base	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	①

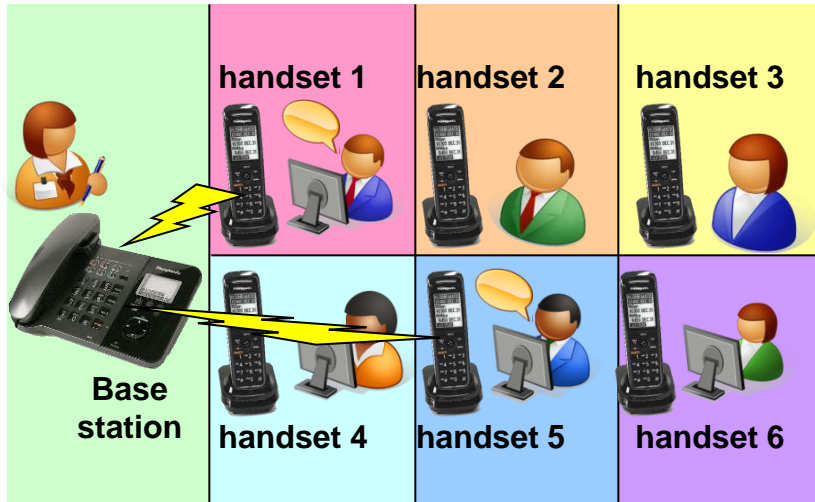
Save

Cancel

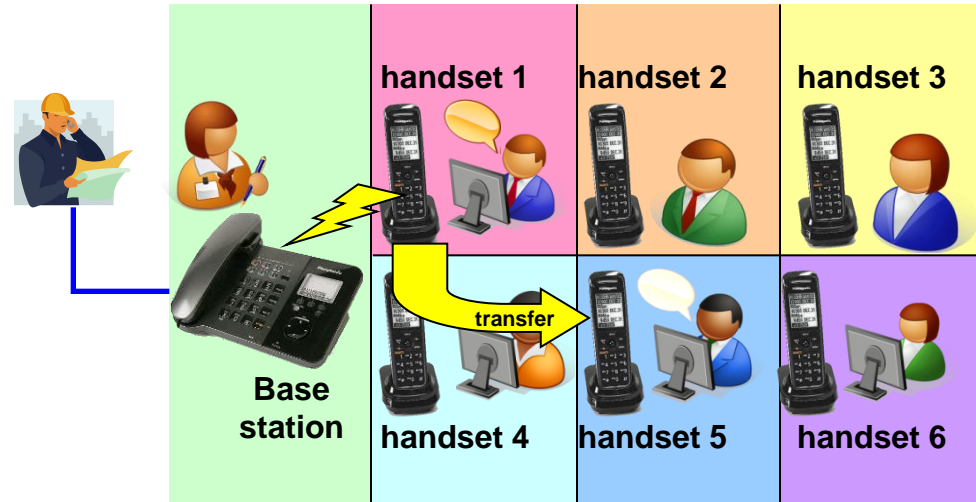
Easy matrix for configurable ringing assignments
Maximum flexibility in assignment of telephone numbers and handset usage

Intercom / Transfer

Intercom call

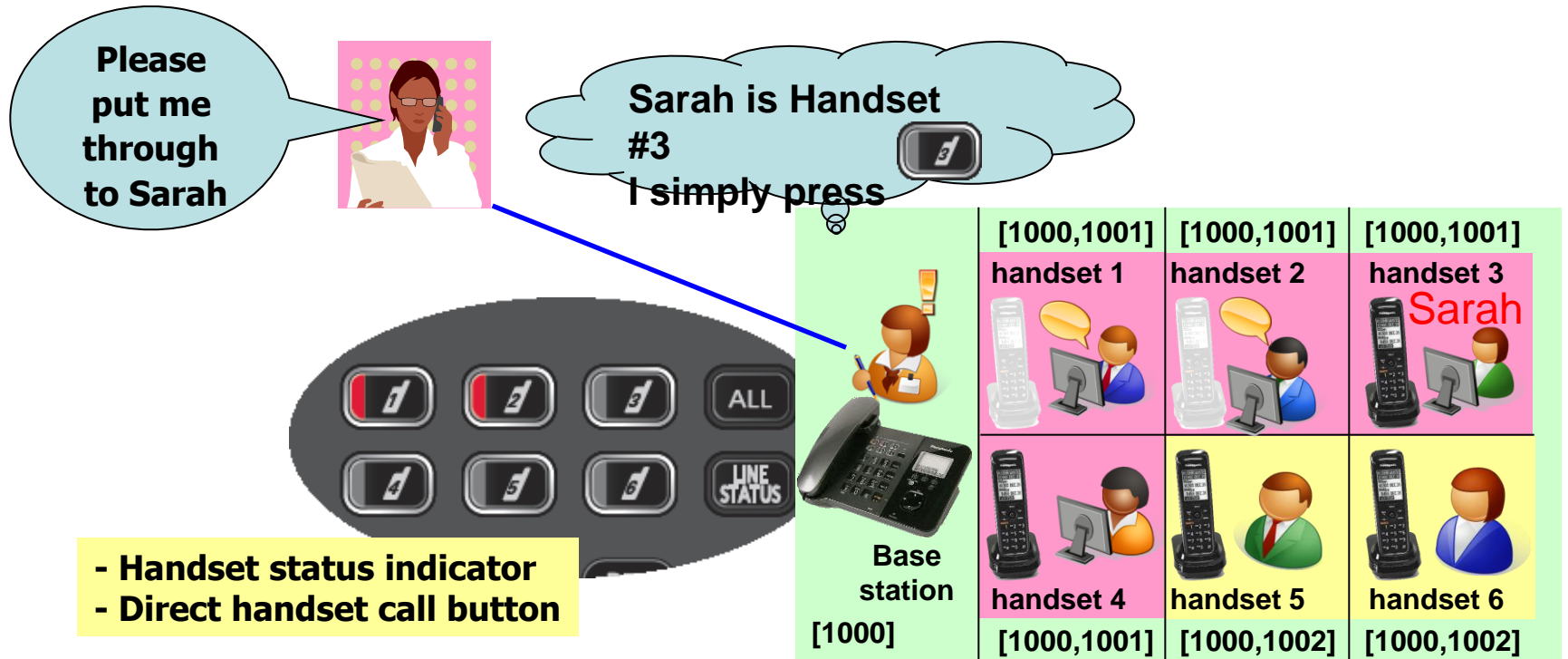


Call transfer



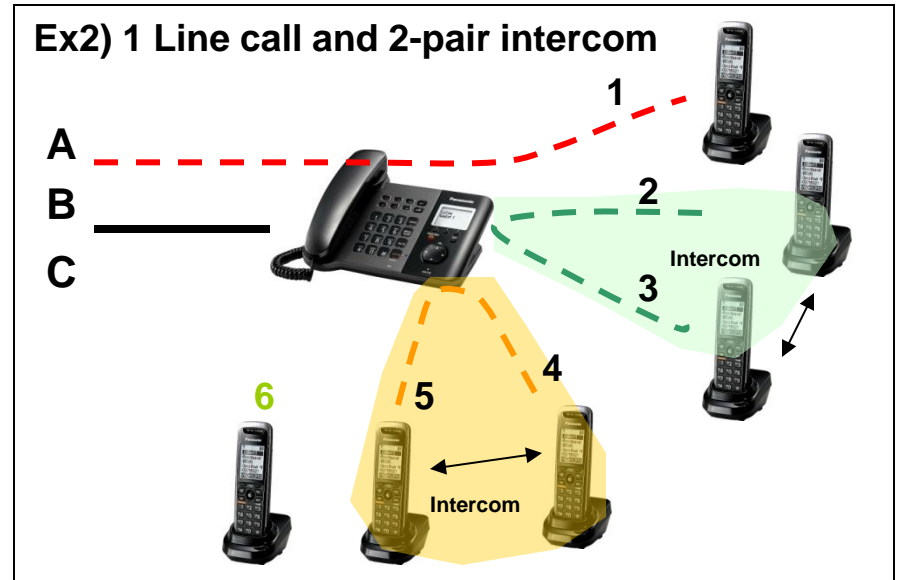
- ✓ Destination is specified by a handset number, regardless of its phone number
- ✓ Intercom function available only a single system

Receptionist DSS/BLF

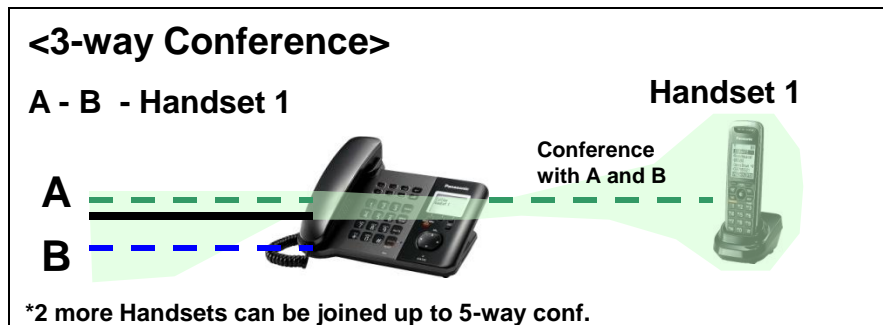
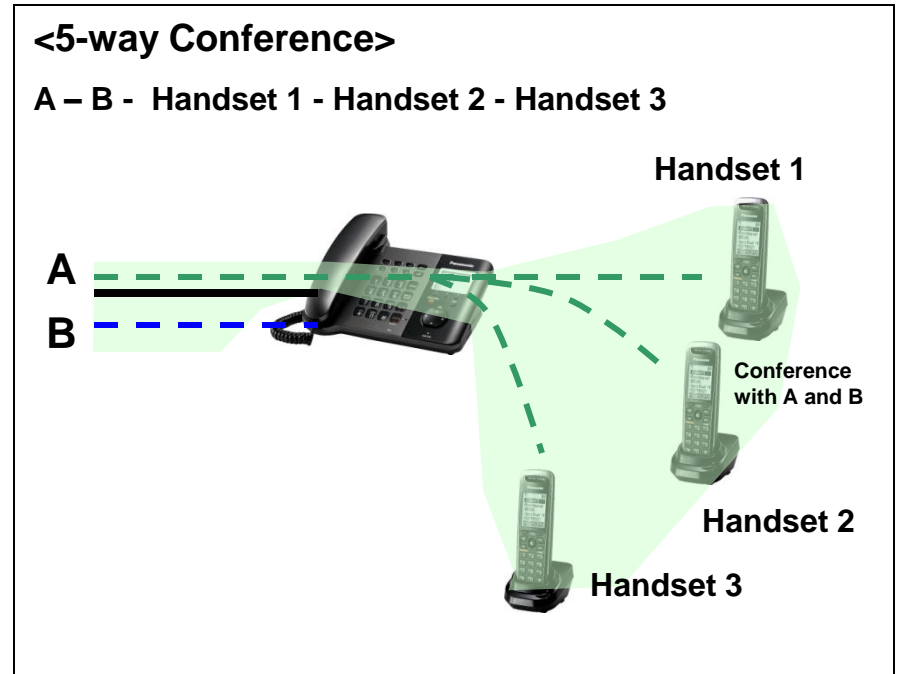
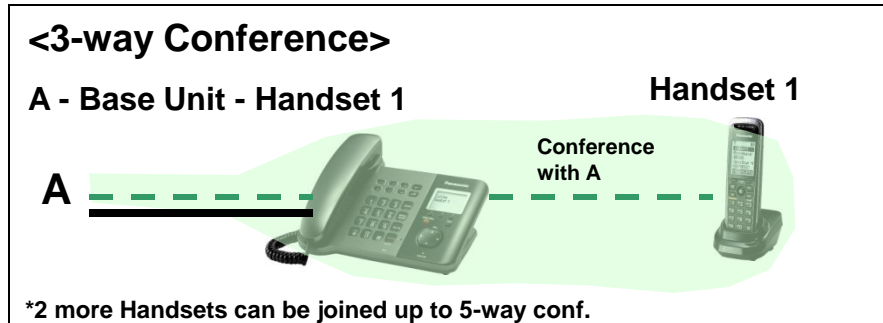
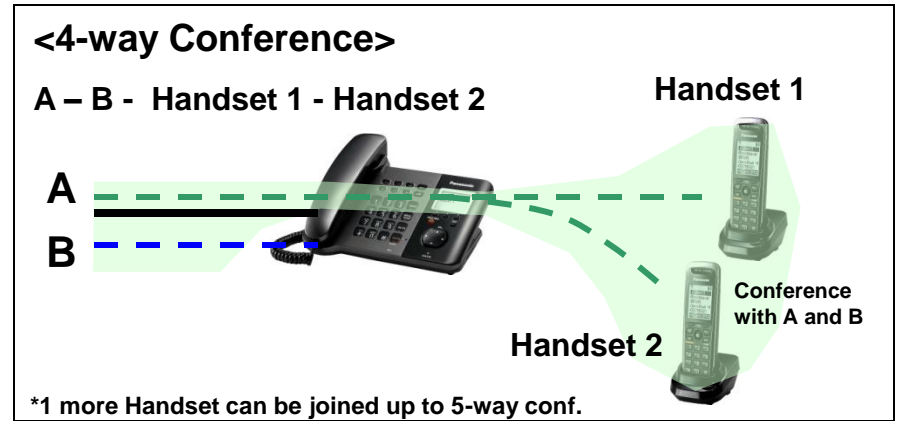
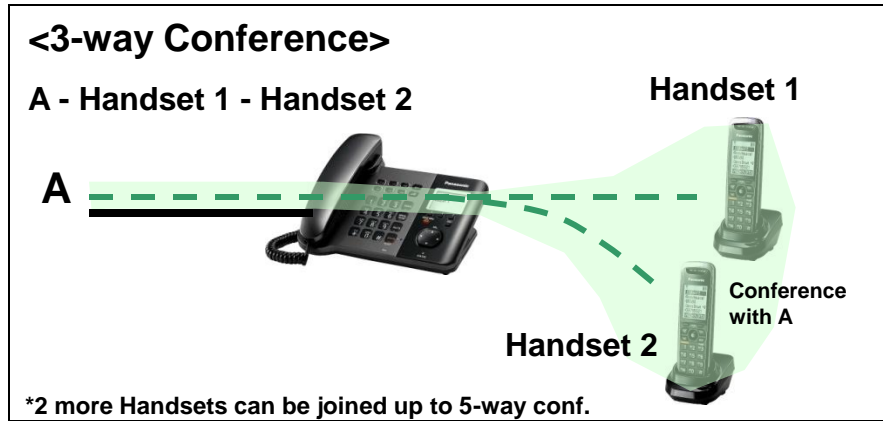


- ✓ Although handsets 1 to 4 have the same phone numbers, transfer destination can be specified by a handset number.
- ✓ button to page all handsets.

Radio channel usage (max 5 RF channels)



Internal conferencing capabilities



Call forwarding

<CF/ Unconditional>



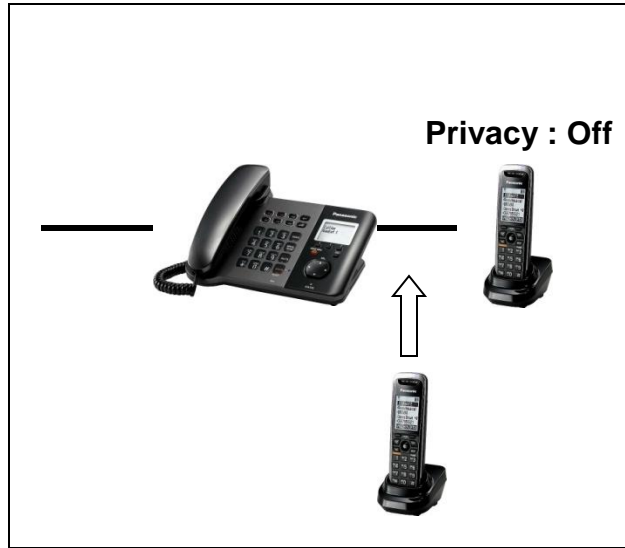
<CF/ User Busy>



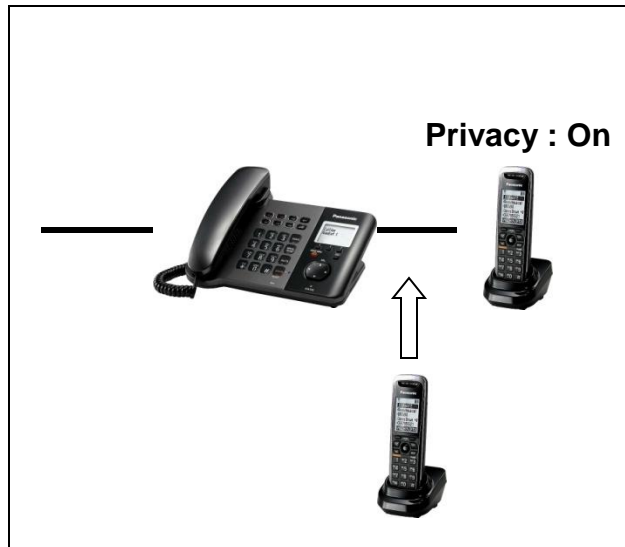
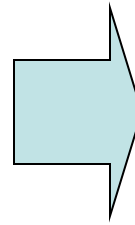
<CF/ No Answer>



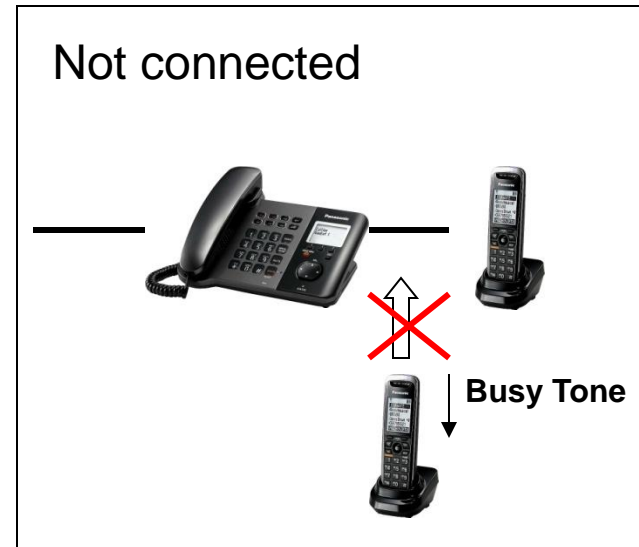
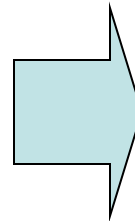
“Call Share” for making conference



Call Share



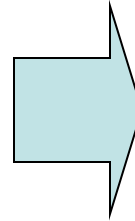
“Call Share” is not allowed



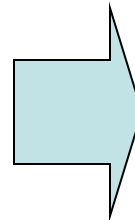
Handset-to-handset transfer



Transfer

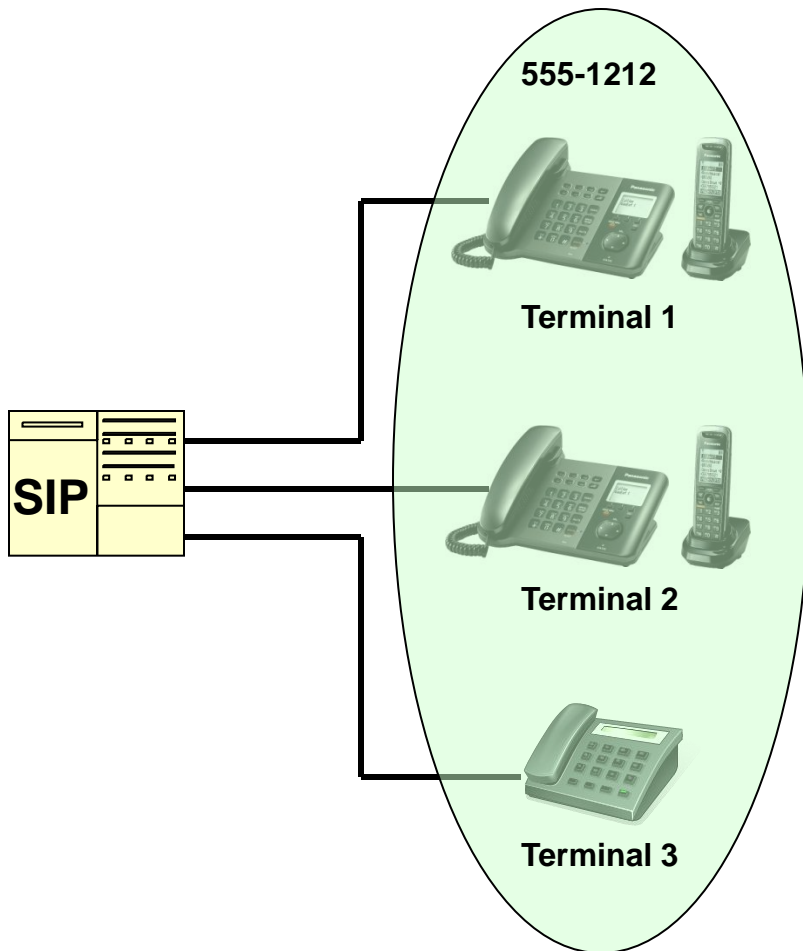


Transfer



Shared Call Appearance (SCA)

User can assign one number to several terminals as a main/primary number



The number of “555-1212” is shared by each terminals. On inbound call, all devices associated with that number ring.

Calls in-progress will show line engaged on remaining devices.

Network Based Voicemail

