

FUJITSU Network IP Pathfinder S

English Guidance Service

User Guide



Thank you for your purchase of the Fujitsu communication system.

This user guide is intended for users of its telephones and system administrators, and the user guide explains the functions and operation of the Fujitsu communication system.

The user guide also provides important information on using this product safely.

Before using this product, read this user guide thoroughly.

Keep this user guide handy in a safe and convenient location for quick reference during use of the product.

Fujitsu makes every effort to prevent users and bystanders from being injured and to prevent property damage. To ensure no harm to you and bystanders, and no damage to the equipment itself, be sure to use the product in accordance with the instructions in this user guide.



This Product is designed, developed and manufactured as contemplated for general use, including without limitation, general office use, personal use, household use, and ordinary industrial use, but is not designed, developed and manufactured as contemplated for use accompanying fatal risks or dangers that, unless extremely high safety is secured, could lead directly to death, personal injury, severe physical damage or other loss (hereinafter "High Safety Required Use"), including without limitation, nuclear reaction control in nuclear facility, aircraft flight control, air traffic control, mass transport control, medical life support system, missile launch control in weapon system. You shall not use this Product without securing the sufficient safety required for the High Safety Required Use. If you wish to use this Product for High Safety Required Use, please consult with our sales representatives in charge before such use.

CAUTION

This is a Class A product.

In a domestic environment this product may cause radio interference, in which case the user may be required to take corrective actions.

VCCI-A

- This telephone system is designed for use in Japan only and cannot be used in any other country.
- The specifications and information provided herein are for informational purposes only and are not a warranty of actual performance, whether expressed or implied. the specifications and information are subject to change without notice. Actual performance may vary based on individual configurations, use of collateral equipment, or other factors.
- This telephone complies with certification of technical standard conformance.

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IMPORTANT NOTE TO USERS

● About this user guide

The user guide also provides important information on using this product safely.

Before using this product, read this manual thoroughly.

Especially, please use this product after you read "IMPORTANT NOTE TO USERS" described in user guide, and you understood. Moreover, please keep this book importantly.

We will explain some of telephone function on this user guide. Please see the IP Pathfinder S family's user guide (※) in detail.

※ IP Pathfinder S family's user guide : IP Pathfinder RM10S GSM series, IP Pathfinder S

● Conventions for Alert Signals

This user guide uses the following conventions to alert users to potential injury to themselves or bystanders and to potential property damage.



「△ DANGER」 indicates a hazardous situation likely to result in serious personal injury if the user does not perform the procedure correctly.



「△ WARNING」 indicates a hazardous situation could result in serious personal injury if the user does not perform the procedure correctly.



「△ CAUTION」 indicates a hazardous situation could result in minor or moderate personal injury if the user does not perform the procedure correctly. This alert signal also indicates that damages to the product or other property, may occur if the user does not perform the procedure correctly.

● Safety Precautions

Follow the safety precautions given below when using the telephone, and the AC adapter (these components are hereafter collectively referred to as the equipment). Improper handling of the equipment or failure to observe the precautions may expose users and bystanders to harm, lead to property damage, and may harm the environment and lead to injury and/or economic loss to third parties.



(1) Uses

Notes on the AC adapter

- Use the dedicated AC plug of the equipment. Otherwise, a fire, electric shock, or product failure may occur.

The dedicated AC plug

: FC164H12 (The dedicated AC plug of FC780BM)



(1) Uses

Notes on reasonably foreseeable incorrect uses

- Do not spill liquid on the equipment, and do not immerse the equipment in any liquid. Otherwise, a fire, electric shock, or product failure may occur.
- Do not place the equipment near vases, flowerpots, glass, toiletries, containers of chemicals or liquids, and small metal objects. If liquid from a container were to spill onto the equipment, or if a foreign object were to get inside the equipment, a fire, electric shock, or product failure may occur.
- Be careful to not expose the equipment to insecticide or hair spray or cleaning spray (one including inflammable) etc. Otherwise, a fire, electric shock, or product failure may occur.
- Ensure that no foreign object such as clips and staples gets through openings and inside the equipment. Otherwise, a fire, electric shock, or product failure may occur.
- Do not place the equipment in a location that is not stable, such as on a wobbly stand, or in a location that is at an incline. Otherwise, the equipment may be drop off or fall over because of a problem with balance, which may cause an injury or product failure.
- Placing the AC adapter or the equipment in a microwave oven or high-pressure container could cause it to generate excessive heat, explode, or ignite, or a product failure.

Prohibition against disassembly and modification

Notes on the connection device

Notes on the cables

- Do not disassemble or modify the equipment. Do not overhaul or rebuild a used product for the purpose of reusing it. Otherwise, a fire, electric shock, or product failure may occur.
- Do not use a modified device in the equipment. Otherwise, a fire, electric shock, or product failure may occur.
- Do not damage, break, or modify the cable. Otherwise, a fire, electric shock, or product failure may occur.
- Ensure that no heavy or flammable object rests on the cable. Otherwise, they may become damaged, which may result in a fire, electric shock, or product failure.
- Do not place the cable near a heater. Otherwise, the coating of the cord may melt, which may result in a fire, electric shock, or product failure.
- Do not bend the cable. Otherwise, they may become damaged, which may result in a fire, electric shock, or product failure.

IMPORTANT NOTE TO USERS

(2) Maintenance and inspection

Restriction and prohibition concerning inspections (maintenance personnel)

- If inspection of the inside of the equipment or repair work is required, ask the shop where you purchased the equipment to carry out the work. Such work may result in an electric shock, injury, or product failure.
- If the equipment is emitting smoke or an abnormal odor, contact the shop where you purchased the equipment after taking the following action. For the telephone, remove the AC adapter and cable to turn off the telephone. For the connection device, use the power switch to turn off the system.



(1) Uses

Notes on the operating environment

- Do not place the equipment in a location where it is hot or exposed to direct sunlight. Otherwise, the inside of the equipment becomes hotter, which may cause a fire or product failure.
- Do not place the equipment in a location that is extremely hot or cold or in a location that has large fluctuations in temperature. Otherwise, a fire, electric shock, or product failure may occur. (Use the equipment at a temperature ranging from 0°C to 40°C.)
- Do not set up or use the equipment in wet locations, such as in a bathroom and near a humidifier. (Use the equipment in an environment where the humidity ranges from 20% to 80%.)
- Do not place the equipment in a location where oil may splash on it, such as near a cookstove, or in a wet or dusty location. Otherwise, a product failure may occur.
- Do not place the equipment on an object that tends to accumulate static electricity, such as rugs and carpets. Otherwise, a fire, electric shock, or product failure may occur.
- Do not place the equipment in a location where the equipment is exposed to harmful gases, such as sulfur gas and the exhaust gas from automobiles. Otherwise, a fire, electric shock, or product failure may occur.
- Do not place the equipment in a location where the equipment is exposed to air from a nearby sea. Otherwise, a fire, electric shock, or product failure may occur.

IMPORTANT NOTE TO USERS

Notes on reasonably foreseeable incorrect uses

- Ensure that no object rests on the equipment. The object may drop off the equipment or fall over, which may cause a fire, electric shock, injury, or product failure.
- Do not place the equipment near an unstable object that is likely to fall over easily. Such an object may drop off or fall over, which may cause a fire, electric shock, injury, or product failure.
- When mounting the equipment on a wall, be careful to make sure that the equipment cannot fall off. Otherwise, a fire, electric shock, injury, or product failure may occur.
- Do not place the equipment in a location that is exposed to frequent vibrations or impacts. Otherwise, the equipment may drop off or fall down, which may cause a fire, electric shock, injury, or product failure.
- Do not set up the equipment in a passageway. Otherwise, people may trip over the equipment, which may result in an injury or product failure.

(2) Maintenance and inspection

Inspection and cleaning

- If drops of water are found on the equipment, wipe them up with a dry cloth. Drops of water left on the equipment may cause a fire, electric shock, or product failure.
- If the equipment is dirty, clean the equipment by wiping it with a soft dry cloth. Avoid using organic solvents, such as benzine and thinner. Otherwise, the equipment may corrode or melt, which may result in a fire, electric shock, or product failure.

(3) Disposal

Notes on disposal of the product

- Please use “事業系 IT 製品リサイクルサービス” when this product is abandoned and recycled from the customer of the corporation and the enterprise. Please see the following Web site in detail.
<http://www.fujitsu.com/jp/services/infrastructure/maintenance/lcm/service-phase4/recycle/index.html>
- This equipment is products that registers or can maintain peculiar data to the customer. When this equipment is abandoned to evade unexpected damage etc. of the outflow of data in equipment etc. (Or, it transfers and return it), it is necessary to delete the data that registers or is maintained in equipment. Please contact the purchased shop in detail.

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BASIC PACKAGE

Digital telephone



DG-station 100A2
(FC651A2)



DG-station 100B2
(FC651B2)



DG-station 100C2/D2/PA2/PB2
(FC651C2/D2/PA2/PB2)



DG-station 100E2
(FC651E2)

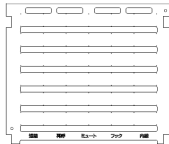
Attachment



Warranty



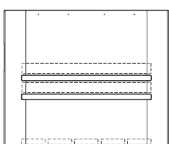
Safety precautions



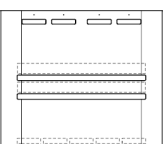
Insert sheet for IP Pathfinder S family



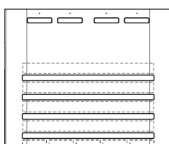
Insert sheet for other PBX



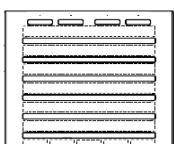
Clear faceplate
(In case of DG-station 100A2)



Clear faceplate
(In case of DG-station 100B2)



Clear faceplate
(In case of DG-station 100C2/D2/PA2/PB2)



Clear faceplate
(In case of DG-station 100E2)

● Please contact the purchased shop if there is an insufficient one in the set or if there are an erratum and an omission of a word in this book.

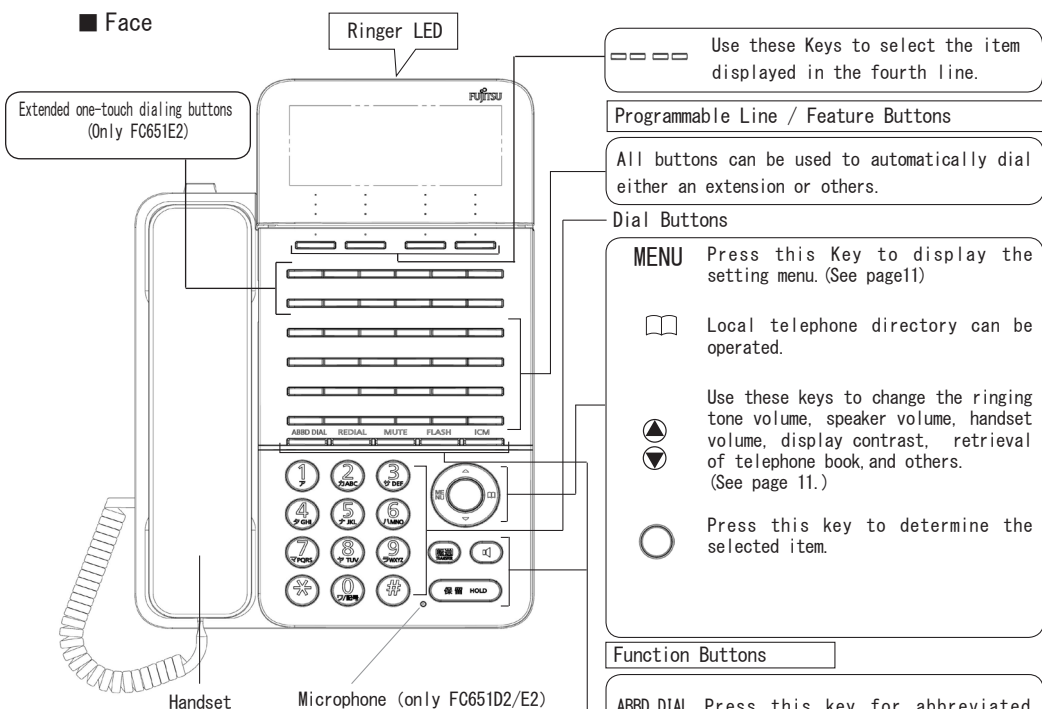
Environmental condition

	Temperature (°C)	Humidity (% RH)
Operating	0 ~ + 40	20 ~ 80 (not dewfall)
Storage	- 20 ~ + 60	5 ~ 90 (not dewfall)

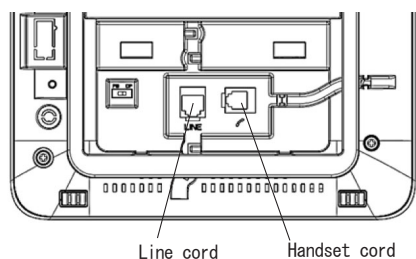
DIGITAL TELEPHONE CONTROLS AND INDICATORS

<FC651E2>

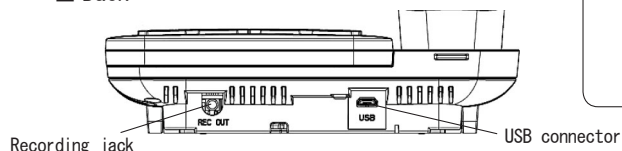
■ Face



■ Bottom



■ Back



※ The English insert sheet is optional.
 [Order code of English insert sheet]
 • FC650TCC : Ten pieces

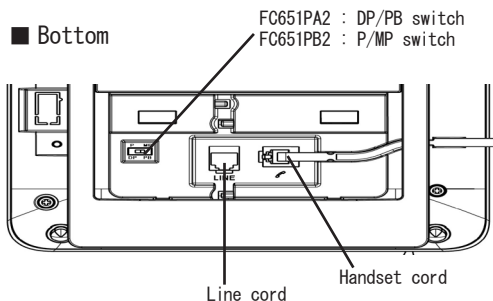
DIGITAL TELEPHONE CONTROLS AND INDICATORS

<FC651PA2 and FC651PB2 >

■ Face

Please see <FC651D2 > .

■ Bottom



FC651PA2

DP/PB switch

Please set up the following switch pursuant to analog network's contract for the power outage. (default : PB)

- ◆ DP : Analog sending signal 20pps
- ◆ PB : Analog sending signal PB

FC651PB2

P/MP switch

Please set up the following switch pursuant to INS network's contract for the power outage. (default : MP)

- ◆ MP: Point to Multi Point
always-on / call-by-call
- ◆ P: Point to Point

FC782PA2/PB2's behave in power outage

■ FC651PA2 and FC651PB2

• During the power outage, functions (display, extension to extension calls, etc.) other than making calls and answering calls cannot be used.

• About FC651PA2/PB2's behave in the power outage during the call.

【When the power is lost】

If the power is lost during the call, the call will be broken. After a few seconds, you can hear the dial tone of the analog / INS network.

【When the power is restored from the power outage】

If the power is restored during the call, the call will be disconnected.
After several tens of seconds, you can hear the internal dial tone.

• The call waiting service etc. of the analog/INS network cannot be used during power outage.

■ Only FC651PB2

• Please set up following switch pursuant to INS network's contract for the power outage.

- ◆ MP : Point to Multi Point always-on / call-by-call (default)
- ◆ P : Point to Point

P/MP switch's configuration becomes effective if you reactivate the telephone after you change it during power recovery.

P/MP switch's configuration doesn't become effective if you change it during power outage, or after you reactivate the telephone.

• The line length from DSU to FC651PB2 (via PBX) is 300 metre (ϕ 0.5 cable). One INS network line can connect only one FC651PB2.

CONTROL OF TONE, VOLUME, DISPLAY CONTRAST, ETC.

Various setting is available by using the setting menu or ▲/▼ of  button.

Press MENU of  button to display the setting menu.

Press ▲/▼ of  button to select the displayed item.

Press 「戻る」 button to escape from the setting menu.

The setting menu is not available for DG-station 100A2 since it does not have a display.

RINGING TONE

You can select one of 6 tones.

You can select the tone for internal call, outside call and other call individually.

Press center of  button during ringing to select ringing tone.

RINGING TONE VOLUME

You can select one of 3 levels.

1. Press ▲ / ▼ of  button to change ringing tone volume during ringing.

Press ▲ of  button to increase the volume.

Press ▼ of  button to decrease the volume.

SPEAKER VOLUME

You can select one of 8 levels.

1. Press ▲ / ▼ of  button to change speaker volume while the speaker is on.

Press ▲ of  button to increase the volume.

Press ▼ of  button to decrease the volume.

HANDSET VOLUME

You can select one of 7 levels.

1. Press ▲ / ▼ of  button to change handset volume during a call using the handset.

Press ▲ of  button to increase the volume.

Press ▼ of  button to decrease the volume.

DISPLAY CONTRAST

You can select one of 8 levels.

1. Press ▲ / ▼ of  button to change the display contrast during on-hook.

Press ▲ of  button to increase the contrast.

Press ▼ of  button to decrease the contrast.

TO REVERSE BLACK AND WHITE

You can reverse black and white of display by the setting menu.

1. Press MENU of  button and the setting menu is displayed.
2. Select 「ユーザデータ設定」 by ▲ / ▼ of  button and press center of  button. 「ユーザデータ設定」 screen is displayed.
3. Select 「LCD 設定」 by ▲ / ▼ of  button and press center of  button. 「LCD 設定」 screen is displayed.
4. Select 「白黒反転設定」 by ▲ / ▼ of  button and press center of  button. 「白黒反転設定」 screen is displayed.
5. Select 「ON」 to reverse black and white.
Select 「OFF」 not to reverse black and white.
Default data is 「OFF」.
6. Press center of  button to register the setting.

RINGER LED COLOR

You can select one of seven colors or all colors (rainbow) by the setting menu.

1. Press MENU of  button and the setting menu is displayed.
2. Select 「ユーザデータ設定」 by ▲ / ▼ of  button and press center of  button. 「ユーザデータ設定」 screen is displayed.
3. Select 「着信ランプ設定」 by ▲ / ▼ of  button and press center of  button. 「着信ランプ設定」 screen is displayed.
4. Select desired color by ▲ / ▼ of  button. Default color is 赤 (red).
5. Press center of  button to register the setting.

NAME DISPLAY

You can select to display name in the telephone directory or not by setting menu. When a call is made using telephone directory, Name is not displayed when a call is made using dial keys.

1. Press MENU of  button and the setting menu is displayed.
2. Select 「電話帳設定」 by ▲ / ▼ of  button and press center of  button. 「電話帳設定」 screen is displayed.
3. Select 「発着信時ネーム設定」 by ▲ / ▼ of  button and press center of  button. 「発着信時ネーム設定」 screen is displayed.
4. Select 「ON」 to display and select 「OFF」 not to display by ▲ / ▼ of  button. Default data is 「ON」.
5. Press center of  button to register the setting.

TELEPHONE DIRECTORY SECURITY

You can select to lock the telephone directory by a password or not by the setting menu.

You can use numeric character, alphabet and mark.

(# \$ % & * . : ? @ _) as a password. The password should be 8 figures and should include numeric character, alphabet and mark.

1. Press MENU of  button and the setting menu is displayed.
2. Select 「電話帳設定」 by ▲ / ▼ of  button and press center of  button. 「電話帳設定」 screen is displayed.
3. Select 「セキュリティ設定」 by ▲ / ▼ of  button and press center of  button. 「セキュリティ設定」 screen is displayed.
4. Select 「有効」 to use the lock, select 「無効」 not to use the lock by ▲ / ▼ of  button. Default data is 「無効」.
5. Press center of  button. If 「有効」 is selected, 「パスワード登録」 screen is displayed.
6. Input a password and press center of  button. 「パスワード確認」 screen is displayed.
7. Input the same password and press center of  button. Password is registered and the setting menu is displayed.

CLEAR FACEPLATE

MOUNTING AND REMOVING THE CLEAR FACEPLATE

Your Digital Telephone comes equipped with a faceplate. A insert sheet for IP Pathfinder S family is attached. You can alter a sheet to record information. And you can set up a sheet in its place.

■ Removing the clear faceplate

The front side of the telephone (refer the circle in figure) can be easily removed by raising the clear faceplate in the direction of the arrow.



■ Mounting the clear faceplate

First, two fingernail (refer the circle in figure) is set up the ditch of the telephone, and the clear faceplate is installed in the telephone.



⚠ CAUTION Note that you don't injure the finger or the fingernail.

CONNECTING CABLES

When you connect a telephone line cord or a recording cord, please confirm a sound click is heard.

HEARING AID

Since this telephone supports a hearing aid, you can hear a sound clearly if the hearing aid includes the telecoil. please refer to the hearing aid manual for the details.

MAKING A CALL

OUTGOING CALL

1 Press the LINE button.

Listen to the dial tone of the outside line.

2 Dial a desired number.

Listen to the ring back tone.

3 Lift the handset.

The conversation begins when the calling party answers.

4 Replace the handset when the conversation ends.

EXTENSION CALL

1 Press the ICM button.

Listen to the dial tone of the extension.

2 Dial a desired number.

Listen to the ring back tone.

3 Lift the handset.

The conversation begins when the calling party answers.

4 Replace the handset when the conversation ends.

LAST NUMBER REDIAL

1 Press the REDIAL button.

The last number you dialed is automatically redialed.

Listen to the ring back tone.

2 Lift the handset.

The conversation begins when the calling party answers.

3 Replace the handset when the conversation ends.

ANSWERING A CALL

INCOMING CALL

The ringing tone of the incoming call sounds.

1 Lift the handset.

You are now connected to the calling party.

2 Replace the handset when the conversation ends.

EXTENSION CALL

The ringing tone of the extension sounds.

1 Lift the handset.

You are now connected to the calling party.

2 Replace the handset when the conversation ends.

HOLDING CALLS / TRANSFER CALLS

COMMON HOLD

To place a call on COMMON HOLD:
In conversation,

1 Press the HOLD button.

The held party will hear the music.
The LINE button on your telephone blinks slowly in green.
The LINE button of other extension telephone blinks slowly in red.

2 Replace the handset.

To pick up a call on COMMON HOLD:

1 Lift the handset.

2 Press the blinking ICM button.

TRANSFER

In conversation,

1 Press the TRANSFER button.

The button lights up steadily.
The held party will hear the music.
The calling party is held automatically, and hears music.

2 Dial the desired extension number.

Listen to the ring back tone.

3 When the calling party answers, announce the call privately.

The held party cannot hear you.

4 Replace the handset.

The lamp goes out.

ABBREVIATED DIALING

ABBREVIATED DIALING

This function enables you to make a personal directory of 10 external numbers consisting of up to 20 digits.

To program or change number,

1 Press the SPEAKER button.

Listen to the dial tone.

2 Dial 17.

3 Dial the entry code (0 to 9).

4 Dial the desired outside number.

Press the TRANSFER button to enter pause.

5 Press the ABBD button.

Listen to the confirmation tone after a few seconds.

6 Hang up.

The lamp goes out.

To make a call,

1 Press the ABBD button.

2 Dial 5.

3 Dial the entry code (0 to 9).

Your call is now being processed.

SYSTEM ABBREVIATED DIALING

Up to 100 frequently numbers (00 to 99) may be stored in your SYSTEM ABBREVIATED DIALING DIRECTORY; these numbers may be shared by all extension in the system.

To make a call,

1 Press the ABBD button.

2 Dial 6.

3 Dial the entry code (00 to 99).

Your call is now being processed.

ONE-TOUCH DIALING

ONE-TOUCH DIALING

To program or change sending digits,

1 Press the SPEAKER button.

Listen to the dial tone.

2 Dial 1801.

3 Press the ONE-TOUCH DIALING button.

The button lights up steadily.

4 Dial the desired number.

5 Press the lighted ONE-TOUCH DIALING button.

Listen to the confirmation tone after a few seconds.

6 Hang up.

The lamp goes out.

To make a call,

1 Press the ONE-TOUCH DIALING button.

The button lights up steadily.
The registered numbers is automatically dialed for you.

EXTENDED ONE-TOUCH DIALING (ONLY FC651E2)

Registrable information	Use
Dialing digit (0 ~ 9, *, #)	Dialing a telephone number
Transfer	To transfer the call to the registered telephone number by registering the "Transfer" before the telephone number.
Pause	To insert a pause between disits. One "Pause" is 0.5 seconds.

TO REGISTER EXTENDED ONE-TOUCH DIALING

1. Press the MENU of  button and the setting menu is displayed.
2. Select 「拡張ワンタッチ設定」 by Δ / ∇ of  button and press center of  button.
「拡張ワンタッチ設定」 screen is displayed.
3. Select extended one-touch dialing button number (01-12) by Δ / ∇ of  button.
4. Select 「編集」 to decide the button number and the lamp of the selected button turns red on.
5. Register the dialing information by disits (0-9/*/#), the 「転送 TRANSFER」 button and the 「保留 HOLD」 button.
6. Press center of  button and 「登録しました」 is displayed.

● Note

- One dialing information is registered to one extended one-touch dialing button.
- To register the transfer, press the 「転送 TRANSFER」 button.
"/" is displayed after the registration.

The transfer should be registered at top of the information.

One transfer can be registered for one dialing information.

- To register a pause, press the 「保留 HOLD」 button.
"- " is displayed.

The number of pause that can be registered at an extended one-touch button has no limitation.

TO CORRECT EXTENDED ONE-TOUCH DIALING INFORMATION

1. Press the MENU of  button and the setting menu is displayed.
2. Select 「拡張ワンタッチ設定」 by Δ / ∇ of  button and press center of  button.
「拡張ワンタッチ設定」 screen is displayed.
3. Select extended one-touch dialing button number (01-12) by Δ / ∇ of  button.
4. Select 「編集」 to decide the button number and the lamp of the selected button turns on.
5. Edit the dialing information by disits (0-9/*/#), the 「転送 TRANSFER」 and the 「保留 HOLD」 button.
6. Press center of  button and 「登録しました」 is displayed.

TO DELETE EXTENDED ONE-TOUCH DIALING INFORMATION

1. Press the MENU of  button and the setting menu is displayed.
2. Select 「拡張ワンタッチ設定」 by Δ / ∇ of  button and press center of  button.
「拡張ワンタッチ設定」 screen is displayed.
3. Select extended one-touch dialing button number (01-12) by Δ / ∇ of  button.
4. Select 「消去」.
5. Select 「1件」 or 「全件」.
6. Select 「はい」 and 「消去しました」 is displayed.

● Note

- To select 「編集」, 「消去」, 「1件」 or 「全件」, press 「編集」, 「消去」, 「1件」 or 「全件」 displayed at 4th line of the display.

TO MAKE A CALL BY EXTENDED ONE-TOUCH DIALING INFORMATION

1. Press the extended one-touch dialing button.
The ICM button lamp turns green on.
The speaker button turns red on.
Listen to the ring back tone.
2. Lift the handset.
The speaker button lamp turns off.
3. The conversation begins when the calling party answers.

● Note

- You can lift the handset first and press the extended one-touch dialing button afterwards.

USEFUL OPERATIONS

EXTENSION CAMP-ON

Your telephone automatically calls by using this function as soon as the other party's call ends if you hear a distinctive busy tone.

1 Lift the handset.

2 Press the other party's extension number.

While a distinctive busy tone is heard.

3 Press the CAMP-ON button.

The button lights up steadily.
Listen to the confirmation tone.

4 Replace the handset.

When both telephones are available, your telephone will ring and the CAMP-ON button will blink.

5 Lift the handset.

You will receive the ring back tone and the other party's telephone will ring.

To cancel EXTENSION CAMP-ON

1 Press the SPEAKER button.

Listen to the dial tone.

2 Press the lighted CAMP-ON button.

The lamp goes out.

THREE-WAY CONFERENCE

While engaged in a two-party conversation, you may add another extension to your conversation.

To make a THREE-WAY CONFERENCE:

In conversation,

1 Press the CONF button.

The button lights up steadily.
Listen to the confirmation tone.
The held party will hear music.

2 Dial the extension number.

— or —
Press the LINE button.
Dial the outside number.

When the calling party answers, announce conference privately.

3 Press the lighted CONF button.

The button lights up steadily.
A THREE-WAY CONFERENCE is now established.

If one party disconnects the line, a two party conversation may continue.

GROUP PICK-UP

GROUP PICK-UP enables you to answer a call within your assigned pick-up group.

1 Lift the handset.

Listen to the dial tone.

2 Press the PICK-UP button.

TO REGISTER A DIRECTORY DATA

This function allows a user to register the person's name and the person's telephone number into the local telephone directory database and also make a call to the person by a simple operation using the local telephone directory.
Max, 1000 names (2000 telephone numbers) can be registered.

1. To register a directory data

(1) Press  button and select 「メモリ登録」.

Select 「メモリ登録」 by using ▲/▼ of  button, and press center of  button.

フリガナ検索
グループ検索
メモリ登録
戻る

(2) Input a name

- Kanji, Kana, Alphabet and Numeric character can be used.
You can input 10 full-size characters or 20 half-size characters.

Input 「富士通太郎」.

① Input 「富士通」.

「ふ」⇒ Press  button 3 times

「し」⇒ Press  button 2 times

「つ」⇒ Press  button 4 times

「つ」⇒ Press  button 3 times

「う」⇒ Press  button 3 times

Press ▲/▼ of  button to convert Kana to Kanji.
If desired Kanji is displayed, press center of  button.

② Input 「太郎」.

「た」⇒ Press  button once

「ろ」⇒ Press  button 5 times

「う」⇒ Press  button 3 times

Press ▲/▼ of  button to convert Kana to Kanji.
If desired Kanji is displayed, press center of  button.
Press center of  button and next screen is displayed.

- To delete one character, press 「消去」 button.

名前: 漢
ふじつう
戻る 消去 文字

名前: 漢
富士通
戻る 消去 文字

名前: 漢
富士通
戻る 消去 文字

名前: 漢
富士通
たろう
戻る 消去 文字

名前: 漢
富士通
太郎
戻る 消去 文字

名前: 漢
富士通太郎
戻る 消去 文字

3 LOCAL TELEPHONE DIRECTORY

(3) Input Kana for the Kanji.

- Kana for the Kanji is displayed automatically.
To correct the Kana, press the dial button to correct it.
- Press center of  button if no correction is required.
And next screen is displayed.

フリガナ: 加
フジツバの _

戻る 消去

(4) Input telephone number 1.

- You can input 30 digits.
- If the telephone number is external number, external line access number should be entered before the telephone number.
Example: 00312345678

TEL 1: 数
00312345678 _

戻る 消去

- If telephone number 1 is not required, press  button and next screen is displayed.

- After telephone number input, press  button and next screen is displayed.

(5) Input telephone number2.

- You can input 30 digits.
Input method is same as the above.

※ If you don't input both telephone number1 and telephone number2, next screen is not displayed after pressing center of  button.

TEL 2: 数
00312340000 _

戻る 消去

(6) Select a group.

- You can select one of 10 group.
Default group name is グループなし、グループ1～グループ9.
- Select a group by using ▲/▼ of  button and press center of  button and next screen is displayed.

グループ:
グループなし
グループ1
戻る

(7) Select ringing tone

- You can select one of 9 ringing tones (including silenu) and 10 melodies.

- Select ringing tone by ▲/▼ of  button.
 button and next screen is displayed.

着信音色:
着信音色 (標準)
メヌエット ト長調
戻る

3 LOCAL TELEPHONE DIRECTORY

(8) Select color of ringing LED

- You can select one of 7 colors and all colors(rainbow).
- Select color of ringing LED by using ▲/▼ of  button and press center of  button.
And one telephone directory data is registered.

着信ランプ：
着信ランプ（標準）
赤
戻る

しばらく
お待ち下さい...

After「登録しました 残り件数は xxx 件です」is displayed, setting menu screen is displayed.

登録しました
残り件数は xxx 件
です

● Note

- ・ If 「電話帳のロック画面を解除してください」 is displayed when  button is pressed, press and hold center of  button for a few seconds. You are requested to input the password. If you input correct password, the lock is released and you can press  button.
- ・ Don't pull out the telephone cord or powe off the PBX. When 「しばらくお待ち下さい・・・」 is displayed.

3 LOCAL TELEPHONE DIRECTORY

2. To change

(1) Press  button.

Select 「グループ登録」 by ▲/▼ of  and press center of  button.

- You can select one of 9 groups 「グループ1」～「グループ9」. Default name is for example, 「グループ1」 is changed to 「会社」.
- You can input 10 full-size characters or 20 half-size characters.

グループ検索
メモリ登録
グループ登録
戻る

グループ:
グループ1
グループ2
戻る

(2) Input a group name

① Select 「グループ1」 and press center of  button and next screen is displayed.

グループ: 漢
グループ1_

戻る 消去 文字

② Input 「会社」.

「か」⇒ Press  button once
「い」⇒ Press  button 2 times
「し」⇒ Press  button 2 times
「や」⇒ Press  button 4 times

グループ: 漢
かいしゃ
戻る 消去 文字

※ To delete one character, press 「消去」 button.

③ Press ▲/▼ of  button to convert Kana to Kanji. If desired Kanji is displayed, press center of  button.

グループ: 漢
会社_

戻る 消去 文字

④ Press center of  button if the conversion is ok. After 「グループ: 会社を登録しました」 is displayed, setting menu screen is displayed.

グループ: 漢
会社_

戻る 消去 文字

しばらく
お待ち下さい...

グループ
会社
を登録しました

TO SEARCH LOCAL TELEPHONE DIRECTORY

There are the following 3 types of search.

- 1. Kana search.
- 2. Group search.
- 3. Syllabary order 【50 音】 search.

1. Kana search

(1) Press  button.

Select 「フリガナ検索」 by ▲/▼ of  button and press center of  button.

フリガナ検索

グループ検索

メモリ登録

戻る

(2) Search screen is displayed.

For example, search 「富士通太郎」.

- Press  button 3 times
- Press  button 2 times
- Press  button 4 times
- Press  button 3 times
- Press  button 3 times

フリガナ： か

フジツウ_

戻る 消去 検索

Press 「検索」 button after inputting 「フシ*ツウ」. And searching result is displayed.
If correct name is not found, close name is displayed.
Press ▲/▼ of  button if no name is displayed.

富士通太郎

富士通花子

富士通花実

戻る 消去 内容 発信

(3) Press 「内容」 button to coufirm the data.

By pressing ▲/▼ of  button to display the data.

- ▼ : name ⇒ Kana ⇒ T E L 1 ⇒ T E L 2 ⇒ Group ⇒ Ringing tone ⇒ Ringing LED ⇒ name ⇒...
- ▲ : name ⇒ Ringing LED ⇒ Ringing tone ⇒ Group グループ ⇒ T E L 2 ⇒ T E L 1 ⇒ Kana ⇒ name ⇒...

3 LOCAL TELEPHONE DIRECTORY

2. Group search

(1) Press  button.

Select 「グループ選択」 by ▲/▼ of  button and press center of  button.

(2) Select desired group by ▲/▼ of  button and press 「検索」 button.

For example search 「会社」.

member of 「会社」 group is displayed.

Press ▲/▼ of  button if no display.

3. Syllabary order 【50音】 search

(1) Press  button. Select 「50音検索」 by ▲/▼ of  button and press center of  button.

(2) Input Kana to search the data.

For example, search 「斉藤一郎」.

Press  once. Registered names starting from 「サ」 are displayed.

Press ▲/▼ of  button if no name is displayed.

You can input  to  (ア to ワ) to search the data.

フリガナ検索

グループ検索

メモリ登録

戻る

グループなし

会社

友達

戻る

検索

斉藤一郎

富士通太郎

富士通花子

戻る 消去 内容 発信

メモリ登録

グループ登録

50音検索

戻る

検索

阿部一郎

阿部二郎

伊藤三郎

戻る 消去 内容 発信

斉藤一郎

清水一郎

鈴木一郎

戻る 消去 内容 発信

TO MAKE A CALL USING THE LOCAL TELEPHONE DIRECTORY

- (1) Search desired telephone number.

For example, To make a call to 「斉藤一郎」.

When 「斉藤一郎」 is selected, press  button or off-hook to make a call.

※ Telephone number of TEL1 is used to make a call.

If telephone number of TEL2 is desired, select TEL2 and make a call. See below.

- To make a call after confirming the telephone number

- ① Confirm telephone number of 「斉藤一郎」.

Select 「斉藤一郎」 and press 「内容」 button.

- ② Confirm the telephone number

Confirm telephone number by ▲/▼ of  button.

- ③ Select TEL1 or TEL2 and press 「発信」 button or off-hook to make a call to 「斉藤一郎」.

斉藤一郎
清水一郎
鈴木一郎
戻る 消去 内容 発信

00312345678

呼出中
斉藤一郎

名前: 斉藤一郎
フリガナ: サイトウイチロウ
TEL1: 00312345678
戻る 編集 発信

フリガナ: サイトウイチロウ
TEL1: 00312345678
TEL2: 00312340000
戻る 編集 発信

00312340000

呼出中
斉藤一郎

TO CORRECT A DIRECTORY DATA

- (1) Search desired telephone number.
For example, to correct telephone number of 「斉藤一郎」.
- (2) Select 「斉藤一郎」 and press 「内容」 button and telephone number of 「斉藤一郎」 is confirmed.

斉藤一郎

清水一郎

鈴木一郎

戻る 消去 内容 発信

For example, to correct telephone number of TEL1.

- (3) Select TEL1 by ▲/▼ of  button and press 「編集」 button.
Telephone number of TEL1 is displayed.
Delete the telephone number by 「消去」 button and input new telephone number.

名前: 斉藤一郎

フリガナ: サイトウイチロウ

TEL1: 0312345678

戻る 編集 発信

Press center of  button after telephone number input.

- (4) Confirm the telephone number by ▲/▼ of  button and press 「登録」 button.

TEL1: 数

0312340000

戻る 消去

名前: 斉藤一郎

フリガナ: サイトウイチロウ

TEL1: 0312340000

戻る 編集 登録

After 「登録内容を変更しました」 is displayed, setting menu screen is displayed.

しばらくお待ち下さい...

登録内容を変更しました

TO DELETE A DIRECTORY DATA

- (1) Search desired telephone number.
For example, to delete 「斉藤一郎」.

斉藤一郎

清水一郎

鈴木一郎

戻る 消去 内容 発信

- (2) Select 「斉藤一郎」 and press 「消去」 button.
To delete 「斉藤一郎」, press 「1 件」 and press 「はい」.
To delete all telephone directory data, press 「全件」 and press 「はい」.

消去しますか？

戻る 1 件 全件

「斉藤一郎」を削除する場合

斉藤一郎

消去しますか？

はい いいえ

全件削除する場合

全件

消去しますか？

はい いいえ

しばらく
お待ち下さい...

「消去しました」 is displayed and setting menu screen is displayed.

消去しました

TO INPUT A CHARACTER

You can input Kanji, Kana, alphabet and numeric character by the dial button.

Input character is changed as shown below by pressing the dial button.

For example, to input 「う」, chang the mode to 「漢」 (Kanji) mode and press ① 3 times.

To input 「B」, change the mode to 「英」 (Alphabet) mode and press ② 2 times.

mode button	漢 (Kanji)	カナ (Kana)	英 (Alphabet)	数 (Numeric character)
1	あ-い-う-え-お-あ-い-う-え-お- ←	ア-イ-ウ-エ-オ-ア-イ-ウ-エ-オ- ←		1
2	か-き-く-け-こ- ←	カ-キ-ク-ケ-コ- ←	A-B-C-a-b-c- ←	2
3	さ-し-す-せ-そ- ←	サ-シ-ス-セ-ソ- ←	D-E-F-d-e-f- ←	3
4	た-ち-つ-て-と-っ- ←	タ-チ-ツ-テ-ト-ッ- ←	G-H-I-g-h-i- ←	4
5	な-に-ぬ-ね-の- ←	ナ-ニ-ヌ-ネ-ノ- ←	J-K-L-j-k-l- ←	5
6	は-ひ-ふ-へ-ほ- ←	ハ-ヒ-フ-ヘ-ホ- ←	M-N-O-m-n-o- ←	6
7	ま-み-む-め-も- ←	マ-ミ-ム-メ-モ- ←	P-Q-R-S-p-q-r-s- ←	7
8	や-ゆ-よ-や-ゆ-よ- ←	ヤ-ユ-ヨ-ヤ-ユ-ヨ- ←	T-U-V-t-u-v- ←	8
9	ら-り-る-れ-ろ- ←	ラ-リ-ル-レ-ロ- ←	W-X-Y-Z-w-x-y-z- ←	9
0	[あ行、な行、ま行、や行、ら行] わ-を-ん- - - - ? - ! - 、 - 。 - □ - ← [か行、さ行、た行] わ-を-ん- - - - ? - ! - 、 - 。 - □ - ← [は行] わ-を-ん- - - - ? - ! - 、 - 。 - □ - ←	ワ-ヲ-ン- - ° - - - - ? - ! - □ - ←	、 - ' - - - ? - ! - _ - : - & - / - (-) - ¥ - # - * - □ - ~ - ←	0
*				*
#		→		#

※ Press  button to move the cursor to right if same button should be pressed.

※ The cursor is moved to right automatically if another button is pressed.

※ □ : Space

OUTGOING CALL LOG AND INCOMING CALL LOG

■ Specification

- Following PBX can use this function. And there is PBX that can't use this function by the version of PBX's software. Please contact the purchased shop in detail.
 - ※ PBX that can use this function.
IP Pathfider S family : IP Pathfinder RM10S GSM/GSM L, IP Pathfider S
- This telephone has the function of 8* outgoing call log and 8* incoming call log (using PBX's service function). If the call log becomes more than the registered number, it deletes oldest call log.
 - * : 20 for IP Pathfinder S Version 5 or later.
- The call log can operate only on-hook.
- If you are making a call or answering a call at the same telephone number as the call log that has already been registered, the call log is overwritten.
- This telephone can't display the information registered in the local telephone directory when you are making a call and answering a call.
- You can't see the call log while talking over the telephone.

■ Caution

When your telephone rings, the call log is displayed by pushing "outgoing call log button" or "caller's number save dial button". But if you push the UP/DOWN button to confirm the call log, the volume of the ringing tone changes at the same time as the content of the call log changes. Please note it.

ABOUT OUTGOING CALL LOG

This is using 「OUTGOING CALL LOG」 of PBX's service function.

- The outgoing call log can register extension (forwarding is included), and the outside line, and one-touch dial. The outgoing call log is automatically registered.
- The outgoing call log can register to 8* telephone numbers per a telephone, and can register up to 15 digits per a telephone number.
*: 20 for IP Pathfinder S Version 5 or later.
- If the call log becomes more than the registered number, it deletes oldest call log.
- If you register the same telephone number in outgoing call log, the registered same older log is deleted.
- If you press 0 dial when the outgoing call log was displayed, the displayed outgoing call log is deleted and the next outgoing call log is displayed.
- If you lift a handset when you receive an incoming call while outgoing call log is displayed, you can't answer a call. Please lift a handset after pressing the 「OUTGOING CALL LOG」 button whenever answering.

■ Method of operating the outgoing call log

1 Press the OUTGOING CALL LOG button.

The telephone changes the screen of the outgoing call log, and displays the telephone number of the outgoing call log.
The lamp of outgoing call log button lights in red.

2 Press ▲ or ▼ of button.

Please press the button until a desired telephone number is displayed.

0312345678

3 You lift the handset or press the speaker button if a desired telephone number is displayed.

The conversation begins when the calling party answers.
The lamp of OUTGOING CALL LOG button is turned off.

If you discontinue calling from OUTGOING CALL LOG, you replace the handset or press the speaker button.

ABOUT INCOMING CALL LOG

This is using 「CALLER ID SAVE DIAL」 of PBX's service function.

- You can save manually the caller ID in two-party conversation at the outside line.
- The caller ID can register up to 8* telephone numbers per a telephone, and can memorize up to 15 digits a telephone number.
*: 20 for IP Pathfinder S Version 5 or later.
- If the INCOMING CALL LOG has already been registered 8 telephone numbers at 'the automatic save function' and 'the manual save function', the oldest telephone number is deleted.
- The automatic save function can work in the incoming call from the various outside line. (direct in-line, direct line, floating line, dial-in, ISDN dial-in, addition number dial-in, caller ID dial-in). However, the direct line and the floating line is saved automatically when you answer a call.
- The automatic save function and the manual save function is set with the special number (The example:130, 1(automatic operation), and 0(manual operation)).
- Please contact the purchased shop about the setting of the caller ID save dial.
- If you press 0 dial when the incoming call log was displayed, the displayed incoming call log is deleted and the next incoming call log is displayed.
- If you lift a handset when you receive an incoming call while incoming call log is displayed, you can't answer a call. Please lift a handset after pushing the 「caller ID save / display」 button whenever answering.

■ Method of operating the incoming call log

1 Press the CALLER ID SAVE / DISPLAY button.

The telephone changes the screen of the incoming call log, and display the telephone number of the incoming call log.

2 Press ▲ or ▼ of button.

Please press the button until a desired telephone number is displayed.

0441234567

3 You lift the handset or press the speaker button if a desired telephone number is displayed.

The conversation begins when the calling party answers.

If you discontinue calling from INCOMING CALL LOG, you replace the handset or press the speaker button.

MEMO

