

## Infrared

Connect handset to Infrared devices for wireless connectivity.

Handset supports IrSimple™ high-speed wireless communications protocol; exchange large image files instantly with compatible mobile phones, printers, etc.

### Transferable Files

Phone Book	Received Msg.
Calendar	Sent Messages
Tasks	Drafts
Notepad	Templates (Messaging)
Bookmarks	Data Folder

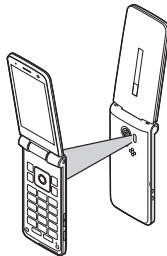
- Copy/forward-protected files are not transferable.
- Transfer may be unavailable depending on file content. Some settings may be lost, or transferred files may not be saved properly.

### Getting Started

#### Infrared Precautions

Align Infrared Ports of both devices.

- Handset cannot receive connection requests during Software Updates.



- Do not place objects between devices.
- Keep Infrared Ports aligned during transfer.
- Do not look into Infrared Port during Infrared transmissions. Eyesight may be affected.
- Handset complies with IrMC 1.1. Transfer may fail depending on file type even if target device also complies with IrMC 1.1.

### Transfer Options

One File Transfer	Transfer files one by one.
All File Transfer	Transfer all files by function.
IrSS Transfer	Exchange single JPEG image files with compatible devices at high speed.

- Some transfer options may be unavailable depending on file type.
- For Memory Card files, One File Transfer and IrSS Transfer are available.

#### Authorization Code

- Four-digit code required for All File Transfers. Transfers are possible when codes match. (Authorization Code is changeable for each transfer.)

## Using Infrared Transmission

### Receiving Files

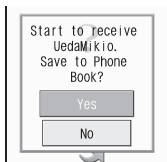
1  ➔ **Tools** ➔  ➔  ➔  ➔ **Connectivity** ➔ **Infrared** ➔

2 **Switch On/Off** ➔  ➔  ➔ **On(3 min)** ➔



- Infrared is enabled.
- Handset receives files if sent within three minutes.
- Handset must be in Standby to accept connection requests.

3 **Connection request arrives**



Request Window

4 **Perform subsequent operations**

- To cancel transfer, Press .

### Subsequent Operations

#### ■ One File Transfer

**Yes** ➔

- If storage media confirmation appears, select media and Press .

#### ■ All File Transfer (Adding Files)

**Yes** ➔  ➔ **Enter Authorization**

**Code** ➔  ➔ **As New Items** ➔

#### ■ All File Transfer (Overwriting Existing Files)

**Yes** ➔  ➔ **Enter Authorization**

**Code** ➔  ➔ **Delete All & Save** ➔

➔ **Yes** ➔

- For Phone Book, My Details except handset number is overwritten as well.

#### ■ IrSS Transfer





**Yes** ➔

- Files are saved to Data Folder (Pictures).

## Sending Files

## One File Transfer

Example: Phone Book



- 1  ➔ **Select contact** ➔  ➔ **Send Entry** ➔ 
- 2 **Via Infrared** ➔  ➔ **Transfer starts**

- When complete, contact search window returns.







## All File Transfer

- 1  ➔ **Tools** ➔  ➔  ➔ **Connectivity** ➔ **Infrared** ➔ 
- 2 **Send All** ➔ 
- 3 **Yes** ➔  ➔ **Enter Handset Code** ➔ 
- 4 **Select item** ➔  (  /  ) ➔ **Complete selection** ➔ 
- 5 **Enter Authorization Code** ➔  ➔ **Transfer starts** ➔ 

## Sending Phone Book

- In , Picture transfer confirmation appears; choose **Yes** or **No** and Press .

## Sending JPEG Images at High Speed

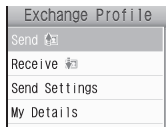
- 1  ➔ **Data Folder** ➔ 
- 2 **Pictures or DCIM** ➔    
 For **DCIM**, select a folder and Press .
- 3 **Select image** ➔  (Long Press)
- 4 **Yes or No** ➔  ➔ **Transfer starts**
  - Images may be reduced automatically before transfer depending on size.
  - When complete, file list returns.
  - Transfers are one-way; end even if files are not received.

## Exchanging Contact Information

Exchange name, phone numbers, mail addresses, and other contact info with other compatible handsets using Infrared. Read **P.6-1** "Infrared Precautions" beforehand.

### Receiving Profiles

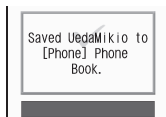
#### 1 (Long Press)



Exchange Profile Menu

#### 2 **Receive**

#### 3 **Profile received**







- Received profile is saved to Phone Book.

### Sending Profiles

#### 1 **In Exchange Profile menu, Send** **Transfer starts**

#### Changing Profile Items to Send

[Exchange Profile Menu] **Send**

**Settings**   **Select item**  

(/) **Complete selection**  

#### Opening My Details

[Exchange Profile Menu] **My Details**

## Bluetooth®

Connect handset to other Bluetooth® devices for wireless connectivity.

- For transferable files, see **P.6-1**.
- Handset supports simultaneous connection with two devices. (May be unavailable depending on device type.)
- Bluetooth® connection may not be possible with some Bluetooth® devices.
  - Handset shall be connected to certified Bluetooth® devices that meet the specification standards developed by the Bluetooth SIG.
  - Data transfers may fail depending on characteristics or specifications of the certified Bluetooth® devices.
  - Noise may interfere with wireless or handsfree conversations.
- TV audio is supported only on SCMS-T DRM scheme compliant Bluetooth® devices.

### Getting Started

#### Bluetooth® Precautions

Check transmission range of your Bluetooth® device to use with handset properly. Maximum transmission range for transfers between SoftBank 301SH handsets is ten meters. (Bluetooth® connection/transfer rate may vary depending on conditions.)

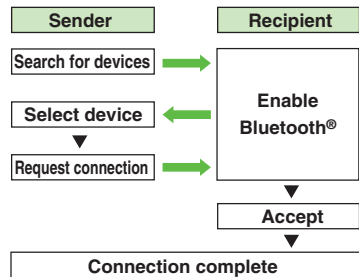
#### Important Handsfree Device Usage Note

- Handle call operations on the device in use.

#### Bluetooth® Watches

- Compatible Bluetooth® watches support these functions:
  - Clock syncing
  - Alarm notices
  - News notices
  - Mail notices
  - Remote Shutter
  - Mode Settings
  - Quick Silent
  - Caller ID notices
  - Holding calls
  - Show Operator Name
- For details about functions/operations, see the Bluetooth® watch guide.

### Bluetooth® Connection



#### Authorization Code

- 4 to 16-digit code required for Bluetooth® connections with devices not compliant with Bluetooth® specification Ver. 2.1.
  - For handsfree devices, enter specified Authorization Code.


# Using Bluetooth®

## Enabling Bluetooth®

### 1 (Long Press)



Indicator

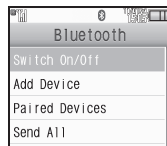
- Bluetooth® is enabled.
- Handset must be in Standby to accept connection requests from unpaired handsfree devices, etc.
- To cancel Bluetooth®, Long Press .

## Connecting Bluetooth® Devices

### Device Search & Pairing

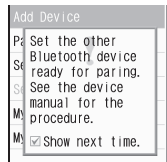
Enable Bluetooth® on target devices first.

- 1  ➔ **Tools** ➔  ➔   
**Connectivity** ➔ **Bluetooth**  
 ➔ 




Bluetooth Menu

- 2 **Add Device** ➔ 




- To hide message, Press  before .

- 3 

- Found Bluetooth® devices are listed after search.
- To cancel search, Press .



- 4 **Select device** ➔ 

If confirmation appears, choose **Yes** and Press .

- 5 **Yes** ➔  ➔ **Pairing complete**

- If target device is a keyboard, follow onscreen instructions.

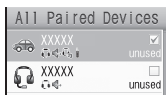
### Connecting Devices Not Compliant with Bluetooth® Specification Ver. 2.1

In , enter the same **Authorization Code** for handset and target device  
 ➔  ➔ **Pairing complete**

- On target device, complete code entry within 30 seconds.
- Code entry is omitted for paired devices.

## Connecting Paired Handsfree Devices, Etc.

### 1 In Bluetooth menu, *Paired Devices* ➔



Paired Device List

### 2 Select device ➔

If handset is already connected to another device, disconnection confirmation may appear; choose **Yes** and Press .

- Selected device is connected and  (preferred) appears.

## Accepting Connection Requests

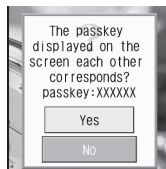
To accept connection requests from unpaired devices:

### 1 Connection request arrives



Request Window

### 2 Yes ➔



### 3 Yes ➔

- If target device is a keyboard, follow onscreen instructions.

## Connecting Devices Not Compliant with Bluetooth® Specification Ver. 2.1

In , enter the same Authorization

Code as sender's ➔

- Complete code entry within 30 seconds.

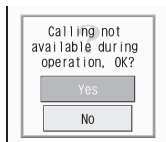
## Transferring Files

Exchange files with paired devices as follows:

- For transferable files, see **P.6-1**.
- When requested, enter Authorization Code.

### Receiving Files

#### 1 Connection request arrives



Request Window

#### 2 Perform subsequent operations

- To cancel transfer, Press .

### Subsequent Operations

#### One File Transfer

Yes →  → Yes →

- If storage media confirmation appears, select media and Press .

#### All File Transfer (Adding Files)

Yes →  → As New Items →

#### All File Transfer (Overwriting Existing Files)

Yes →  → Delete All & Save →

→ Yes →

- For Phone Book, My Details except handset number is overwritten as well.

### Sending Files

#### One File Transfer

Example: Phone Book

1  → Select contact →  → Send Entry →

2 Via Bluetooth →

3 Select device →  → Transfer starts

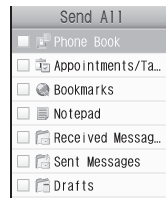
- When complete, contact search window returns.

### All File Transfer

1 In Bluetooth menu, Send All →

2 Select device →  → Yes →

3 Enter Handset Code →



4 Select item →  (/✓) → Complete selection →  → Transfer starts →

#### Sending Phone Book

- In 4, Picture transfer confirmation appears; choose **Yes** or **No** and Press .



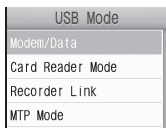
## Connecting PC

### Accessing Memory Card

Connect handset to a PC with USB Cable to access Memory Card from the PC without removing it from handset.

USB Cable may be purchased separately.

#### 1 Connect handset to a PC with USB Cable



#### 2 Card Reader Mode →

- Use PC to access Memory Card.

#### 3 → Yes → →

#### Connection ends

- Disconnect USB Cable.

#### If Menu in 1 Does Not Appear

→ **Tools** → → **Connectivity**  
 → **USB Mode** → → **From**

- Operations on the PC may be required; if prompted, follow onscreen instructions.

### Utility Software (Japanese)

For more PC-related operations, download Utility Software (including USB Cable driver) from the following URL.

#### Utility Software

[http://k-tai.sharp.co.jp/support/s/301sh/download.html#soft\\_utility](http://k-tai.sharp.co.jp/support/s/301sh/download.html#soft_utility)

#### Mobile Data Communication Fees

- Accessing the Internet from handset via a PC/PDA (using USB Cable or Bluetooth®) may incur high charges as large-volume packet transmissions tend to occur in a short period of time.

## Basics

Back up information to Memory Card, and restore to handset as needed.

Specify frequency for Auto Backup.

Auto Backup requires a subscription to S! Addressbook Back-up.

### Supported Items

Select items, or back up all items together at once.

In Manual Backup, open Options menu for **Check Selection** to select multiple items for simultaneous backup.

Phone Book*	Sent Messages*
Calendar*	Drafts*
Tasks*	Templates (Messaging)
Bookmarks*	Contents Keys
Notepad*	Data Folder
Mail Groups*	User Dictionary
Received Msg.*	

\*Selectable for simultaneous backup.

### Backup All Items

- In addition to supported items, **Backup All Items** saves the following items:
  - Settings
  - Album
  - Manage Model Type Data

### Auto Backup Compatibility

- These items are not backed up:
  - Mail Groups
  - Templates (Messaging)
  - Data Folder
  - User Dictionary

### Precautions

- Not available if Battery is low.
- Backup may fail if Memory Card memory is low.
- Backup may be unavailable depending on file content. Some settings may be lost, or backed up files may not be saved/restored properly.

### Auto Backup File Deletion

- Auto Backup saves up to three backup files for each item; when full, handset automatically deletes oldest files to save new ones.

### Contents Keys

- Manual Backup overwrites Contents Keys in Memory Card. Perform Restore beforehand to keep previous Keys.
- In Auto Backup, Contents Keys are added to Memory Card.

### Restoring Backed Up Content

- Corresponding handset content is overwritten depending on Restore option.

# Backup & Restore

## Manual Backup

To back up selected items together at once:

- 1 → **Settings** → → → **Phone/Restore** → **Backup/Restore** →



Backup/Restore Menu

- 2 **Backup Selected Items** → → **Enter Handset Code** →
- 3 **Yes** →
- 4 **Select item** → (/✓) → **Complete selection**

- 5 → **Yes** →
  - To cancel, Press .

- 6 **Backup complete** → →
  - Selecting Multiple Items Together at Once**  
In , → **Select option** → →   
From
  - Selecting/Canceling All Items**  
In , → **Check All or Uncheck All** →

## Auto Backup

Back up information to Memory Card at a specified frequency automatically.

To enable Auto Backup, set Auto Sync Settings (S! Addressbook Back-up) to **On**; Auto Backup will be performed at 2:00 AM on the same day of the week by default.

### Precautions

- Auto Backup does not start when:
  - Memory Card is not inserted
  - Battery is low/dead and not being charged
  - Another function is active (end it and return to Standby to start backup)




### At Auto Backup Time

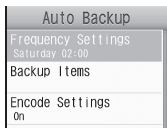
Backup starts; Information window opens upon completion.

Select **Complete Auto Save** and Press to open backup result.









## Changing Settings

To back up once a week automatically:





- 1 In **Backup/Restore menu, Settings** → 
- 2 **Auto Backup** →  → **Enter Handset Code** → 



Auto Backup Menu

- 3 **Frequency Settings** → 
- 4 **Once Every Week** →  → **Select day** →  → **Enter time** → 
- 5 **Backup Items** →  → **Select item** (/) → **Complete selection** → 



## Backing Up Once a Month

In 4, **Once Every Month** →  → **Enter date** →  → **Enter time** →  → 

## Disabling Auto Backup








In 4, **Don't Auto Backup** → 

## Disabling Encoding

[Auto Backup Menu] **Encode Settings** →  → **Off** → 

## Memory Card to Handset

To restore selected items:

- 1 In **Backup/Restore menu, Restore Selected Items** →  → **Yes** → 
- 2 **Select item** →  (/) → **Complete selection**
- 3 
  - If no file list appears, skip ahead to 6.
- 4 **Select file** → 
  - Repeat 4 to complete selection.




5 

6 **Yes** → 


- To cancel, Press .

7 **Restore complete** →  → 



## Selecting Multiple Items Together at Once

In 2,  → **Select option** →  → **From** 

## Selecting/Canceling All Items

In 2,  → **Check All or Uncheck All** → 

## Changing Restoration Method

After 2, select item →  → **Change to Add Mode or Chg. to Overwrite Mode** →  → **From** 