

Connectivity & File Backup



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Transmit Data & File Backup

Send/Receive data with Infrared, Bluetooth, etc. Backup data with S! Addressbook Back-up.

In this chapter, data transmission and file backup are described.

* S! Addressbook Back-up requires a separate subscription.

Data Transmission

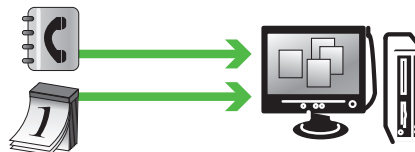
Transmit data with following functions.

- Infrared (☞P.13-3).
- Bluetooth® (☞P.13-5).
- USB Connection (☞P.13-8).



File Backup

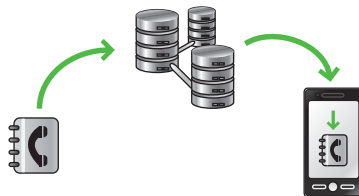
Backup data with Memory Card or PC (☞P.13-9).



Back up Phonebook entries on Server with S! Addressbook Back-up.

Even if data is lost, restore lost Phonebook entries from S! Addressbook Back-up.

Edit Phonebook backup with PC (☞P.13-11).



Infrared

Exchange files wirelessly with infrared-compatible handsets, PCs or other devices.

- Handset Infrared is based on IrMC1.1. Transmission may be unavailable for some functions, even when IrMC1.1 is supported on the other party's handset.
- Infrared data transmission is unavailable while sending/receiving message or using Internet.
- Calling or sending mail is unavailable during Infrared transmissions.
- Transmissions may be inhibited in direct sunlight, under fluorescent lighting or near infrared devices.
- Authorization Code is the 4-digit password used to allow transmissions between infrared devices. Enter same Authorization Code on both devices when transmitting all files at once.

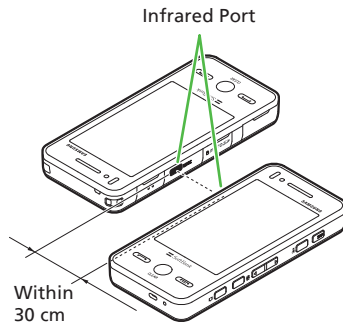
Send and receive Phonebook or Calendar entries, Account details, Schedules, Tasks, still images, videos, sound files, music files, and others. Send either all Phonebook, Calendar/Tasks or Bookmarks in a single transfer.

Note

- Infrared is unavailable while Internet services/Media Player is in use, or while editing mail/files.
- Some received files cannot be saved on handset.

Aligning Infrared Port

- Place devices within 30 cm. Align device ports. Do not place objects in between devices.



- Maintain port alignment until transmission ends.
- A soiled port may inhibit transmission. Clean port with a soft cloth beforehand.
- If transmission fails, a confirmation appears. Review precautions, choose **Yes** to try again.

Sending Data

First, activate Infrared on the other device.

Sending Data One by One

1 Send data

■ To send from Data Folder, Calendar or Bookmarks

In list, tap More → *Send* → *Via infrared* → Select data → Tap Send

■ To send from Phonebook or Tasks

In list, tap Send → *Via infrared* → Select data → Tap Send

■ To send from Notepad

In list, tap Send → *Via infrared* → Select data

- Some functions allow sending from Details/Playback window.

Transferring All

1 Tap Menu → *Infrared* → *Transfer all*

2 Enter Phone Password → Tap OK

3 Phonebook, Calender/Tasks, or Bookmarks

- For *Phonebook*, choose *Yes* to transfer images.

4 Enter Authorization Code (4 digits) → Tap OK

Receiving Data

Receiving One by One


1 Tap Menu → *Infrared* → Under *On/Off, On*

- If Bluetooth® is active, cancellation confirmation appears. Choose *Yes* to activate Infrared.
- Handset is ready to receive data.

2 Begin sending from other device within 3 minutes

3 Cancel Calling confirmation appears, choose *Yes*

4 Save confirmation appears, choose *Yes*

- To save pictograms, choose *Pictures* or *My Pictograms*.
- Tap *Cancel* to cancel receiving.
- Press  to terminate data reception.

• If vCard contains incoming image over 100KB, handset deletes the image then saves in Phonebook.

Note

- Receive files in Standby. Files cannot be received when Auto Lock is active, All Keys locked or during Software Update.

Receiving All

1 Tap Menu → *Infrared* → Under *On/Off, On*

- If *Bluetooth* is set to *On*, confirmation appears. Choose *Yes* to start infrared transmission.
- Handset is ready to receive files.

2 Begin sending from other device within 3 minutes

3 Cancel Calling confirmation appears, choose *Yes*

4 Enter Authorization Code (4 digits) → Tap OK

- Enter same Authorization Code as sender.


5 Select a saving method

■ To add files as new entries

Add New





■ To overwrite current entries

Overwrite → *Yes* → Enter Phone Password → Tap OK

- Receiving all entries deletes existing handset entries except Account details. Receiving Account details deletes existing Account details except handset phone number.
- Tap *Cancel* to cancel receiving.
- Press  to terminate reception.

Advanced

Settings

- Activate or cancel Infrared transmission ( P.14-26)
- Transfer account details ( P.14-26)
- Transfer files ( P.14-26)
- Transfer all Phonebook, Calender/Tasks or Bookmarks at once ( P.14-26)

Bluetooth®

Send and receive Phonebook or Calendar/Tasks, Account details, Schedules, Tasks, still images, videos, sound files, music files, and others.

Send either all Phonebook, Calendar/Tasks or Bookmarks in a single transfer.

Connect Bluetooth®-compatible handsets or other devices to exchange files wirelessly, or handsfree devices for handsfree calling. Connect Bluetooth®-compatible headphones to listen to music. Connect handset to PCs and other devices for Internet access, etc.

Bluetooth® transmissions require Bluetooth®-compatible devices with the same profiles.

See handset Bluetooth® specifications below:

Item	Specification
Communication Standard	Bluetooth® Standard Ver. 2.0
Applicable Profiles	Headset Profile Hands-Free Profile Serial Port Profile Dialup Networking Profile File Transfer Profile Object Push Profile Advanced Audio Distribute Profile Audio/Video Remote Control Profile Basic Imaging Profile ¹ Basic Printing Profile Generic Access Profile Service Discovery Protocol Generic Object Exchange Profile
Output	Bluetooth® Power Class 1
Communication Distance ²	Within approximately 20 m
Frequency Band Used	2.4 GHz
Bluetooth® QD ID	B015147

¹ Handset only supports printing-related equipments.


² Varies by radio interference and other conditions.

- Handset may not work with all Bluetooth® devices.
- File transfers may not be available with some Bluetooth® devices. Operations, displays or actions vary by device, even if device meets Bluetooth® standards by interference.
- The 2.4 GHz band used by Bluetooth® devices is shared with other devices. Transmission rate or distance may be reduced, or transmissions terminated.
- Use of handsfree devices may create noise depending on connected devices or usage environment.
- Handset cannot be connected to other devices when connected to Bluetooth®-compatible stereo headphone while playing media files.
- USB and Bluetooth® cannot be used simultaneously.
- Deactivate Bluetooth® before connecting USB Cable.

Toggle Bluetooth®

1 Tap Menu → *Settings* → *Connectivity* → *Bluetooth*

2 Tap *On* or *Off*

- If Infrared is active, a confirmation appears. Choose **Yes** to activate Bluetooth®.
- If Bluetooth® is active,  appears at the top of Display. Transfer data or connect compatible devices.

Searching for Bluetooth® Devices

Save Bluetooth® devices to paired devices list. Up to 10 can be saved. Enter same Authorization Code on both handset and device.

Activate Bluetooth® on device beforehand.

1 Tap Menu → *Settings* → *Connectivity* → *Bluetooth*






2 Tap Search new devices

- If Bluetooth® is *Off*, it is activated automatically and search devices.

3 Detected devices are listed, drag device to 

4 Enter Authorization Code (4 to 16 digits) → Tap OK

5 Enter same Authorization Code on device within 30 seconds

- After the target device is connected to handset, look up or get the data stored in that device.
- Authorization Code is a 4- to 16-digit password required for transmissions between Bluetooth® devices. When connecting to a handsfree device, enter specified Authorization Code. Authorization Code entry is not required for registered devices.
- If authorization fails, a confirmation appears. Choose **Yes** and repeat from step **4**.
- If 10 paired devices are already registered, oldest is deleted to make room for the new one. If all are authenticated, memory full confirmation appears.
- Paired Devices Indicators
 -  : Personal Computer
 -  : Mobile Phone
 -  : Others
 -  : Printer
 -  : Handsfree Device/Headset
- If a Bluetooth® connection request appears, choose **Yes** and enter specified Authorization Code within 30 seconds. For paired devices, choose **Yes** to establish connection without Authorization Code.

Browsing Connected Device Files

Access connected device's shared folders or files. Import or delete files from the other device.

1 Tap Menu → *Settings* → *Connectivity* → *Bluetooth*

2 Tap the registered device's icon → *Browse device*

3 Approve access on source device

Sending Data

Sending One by One

1 Select file and send

■ From Data Folder, Calendar, Bookmarks

In list, tap More → *Send* → *Via Bluetooth* → Select entries → Tap Send → Transfer confirmation appears, tap **Yes**

■ From Phonebook, Tasks, Media Player, Task

In list, tap Send → *Via Bluetooth* → Select entry → Tap Send → Transfer confirmation appears. Please remove. It goes to Bluetooth screen.

■ From Notepad

In list, tap Send → *Via Bluetooth* → Select data

2 Drag destination device to

- Receiver accepts and transfer begins.
- If device is not registered, register it first.

• Some functions allow sending option from Details or Playback window.

Transferring All

1 Tap Menu → *Settings* → *Connectivity* → *Bluetooth* → Tap Transfer all

2 Drag destination device to → Enter Phone Password → Tap OK

- If device is not registered, register it first.

3 *Phonebook, Calendar/Tasks or Bookmarks*

- When Phonebook is selected to transfer image data, choose *Yes*

Receiving Data

Receiving One by One

After sender approves connection, file transfer begins and received file is saved.

1 Transfer confirmation appears, choose *Yes*

2 Received confirmation appears, choose *Yes*

- Save received pictogram files to *Pictures* or *My Pictograms*.

- Received folders are saved to *Other documents*.
- If vCard contains incoming image over 100KB, handset deletes the image then save in Phonebook.

Receiving All

1 Tap Menu → *Settings* → *Connectivity* → *Bluetooth* → Tap On


- If *Via infrared* is set to *On*, confirmation appears. Choose *Yes* to start Bluetooth® transmission.
- Handset is set to Standby to receive data. Begin sending files from other device.

2 Connection confirmation appears, choose *Yes*

3 Select a saving method

■ To add new data
Add


■ To delete all to overwrite data
Overwrite → *Yes* → Enter Phone Password → Tap OK

- When receiving phonebook entries, all entries except Account details are deleted. When receiving Account details, all data except the phone number is overwritten.
- Tap Cancel to cancel the reception.
- Press  to terminate data reception.


A/V Headset

Connect Bluetooth®-compatible headphones to listen to music.

Settings

- 1 Tap Menu → *Media Player/TV* → *Settings* → *Sound (for TV only)* → *Sound output setting*
- 2 Select *Bluetooth device*
- 3 Drag device to connect to 

Switching Audio Device

- 1 Activate Media Player
- 2 Tap to headset
 - If a device is already selected, it will be connected to 931SC automatically.
- 3 Select *Bluetooth device*
- 4 Drag device to connect to 
 - When no device is registered, search and register new device.













- To switch output from headsets to handset, tap Transfer to Phone.

Advanced

Advanced Settings P.13-13

- Deleting Data on Connected Device
- Searching Devices by Type

Settings

- Activate or cancel Bluetooth® functions ( P.14-25)
- Search for a new Bluetooth® device ( P.14-25)
- Transfer all Phonebook, Calender/Tasks or Bookmarks at once ( P.14-25)
- Edit handset name ( P.14-25)
- Confirm handset device address ( P.14-25)
- Search/save from Bluetooth® devices ( P.14-25)
- Set Secure mode ( P.14-25)
- Adjust Handsfree setting ( P.14-25)
- Set Answering mode ( P.14-25)
- Set Answer time ( P.14-25)
- Activate or cancel S! Appli confirmation ( P.14-25)
- Confirm available Bluetooth® functions ( P.14-25)

USB Connection

Connect handset to PC to transfer files between devices. Connect printer to print still images. Handset supports USB 2.0.

Install Samsung New PC Studio and USB driver first. For installation instructions, PC operating environment, etc., access SAMSUNG website (<http://jp.samsungmobile.com/pc/lineup/931download.html>).

USB Connection

The following operations are available:

- Transfer handset Data Folder files to PC
- Import PC files and save to Data Folder
- Perform Packet Communications

Note

- To access to the Internet through PC or PDA connection (Mobile data communication), a large volume of packet communication is required in short period that will apply for high packet communication charge. Please pay attention on communication fee when using mobile data communication.

Sending/Receiving in Mass Storage

Connect handset with Memory Card to PC via USB cable, in order to manage data files in Memory Card with PC.

Connecting/Disconnecting to a PC

1 Connect handset to PC via USB Cable

2 Tap Menu → *Settings* → *Connectivity* → *USB mode* → *Mass storage* → *Yes*

3 Enter Phone Password → Tap OK

4 Use PC to access Memory Card files

- Mass Storage is unavailable while receiving S! Mail, using Samsung New PC Studio, or when *My status* in S! Friend's Status is **Online**.
- Calling and Messaging are unavailable in Mass Storage.

5 On PC, perform device removal

6 In Mass storage, tap Exit

7 Disconnect USB Cable

Note

- Never disconnect USB Cable before disconnecting operation of device from PC.

Advanced

Settings

- Activate Mass Storage (☞ P.14-26)
- Activate Synch Mode to PC (☞ P.14-26)

Memory Card Backup

Back up Phonebook entries, etc. to Memory Card (Package backup). Restore backed up items as required (Package restoration).

- Restore from Backup in case of accidental data loss.
- Backups are saved by type (transfer date is file name).
- Available Backup types
 - Phonebook
 - Calendar
 - Tasks
 - Content Key
 - Bookmarks

• Use Backup to save files, share information between Memory Card-compatible handsets, or move files to a newly purchased handset.

Backup Precautions

- Not available when battery is low.
- During backup or restoration, handset transmissions are not possible.
- Some files cannot be backed up. Some backed up files may not be usable on other SoftBank handsets or PCs, etc.
- Backup may fail if handset/Memory Card memory is too low.

- Handset holds up to 500 Calendar/Tasks entries. When 500 entries are restored from Memory Card, a confirmation appears and excess is not saved.
- Yahoo! Keitai, PC Site Browser bookmarks are backed up.
- If a backed up bookmark is too large it may not be restorable.
- Some images set to Phonebook entries may not be transferred because of size.
- Backup data saved on Memory Card is not accessible on handset until restored from Memory Card.
- When backing up Content Keys, note the following:
 - Backup file can hold only one Content Key at a time. To backup another Content Key, a confirmation appears and the previous backup file is overwritten (To keep the previously backed up files, restore the Content Key to handset from Memory Card and then perform backup again).
 - Backing up a file containing a Content Key to Memory Card moves Content Key from handset to Memory Card making the file inaccessible.
 - Restoring a file with a Content Key to handset adds the Content Key to handset without overwriting any existing Content Keys on handset.

Backing Up to Memory Card

- 1 Tap Menu → *Settings* → *Memory settings* → *Memory card*
- 2 Tap Backup
- 3 *Yes* → Enter Phone Password → Tap OK
- 4 *Phonebook, Calendar, Tasks, Contents keys, or Bookmarks*
- 5 Confirmation appears, choose *Yes*
 - Tap Cancel to cancel backup.
 - If *Content keys* backup file already exists, an overwrite confirmation appears. Choose *Yes* to overwrite the file.

Loading from Memory Card

- 1 Tap Menu → *Settings* → *Memory settings* → *Memory card*
- 2 Tap Restore
- 3 *Yes* → Enter Phone Password → Tap OK
- 4 *Phonebook, Calendar, Tasks, Contents keys, or Bookmarks*
- 5 Select a file
 - To delete a backup file, tap Delete → Check a file to delete → Tap Delete → *Yes*
- 6 *Add or Overwrite*
 - Tap Cancel to cancel restoration.

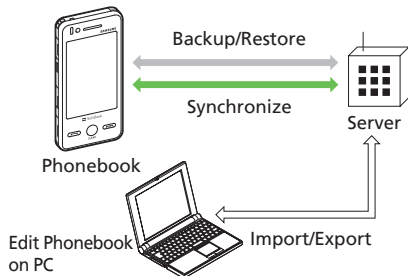
Advanced

Settings

- Backup Memory (☞ P.14-24)
- Restore Memory (☞ P.14-24)

S! Addressbook Back-up (SAB)

Back up handset Phonebook entries on Server or synchronize handset Phonebook entries with SAB. Restore lost handset Phonebook entries from SAB.



- SAB use requires a separate subscription.
- If you should change handsets, select an SAB compatible handset to take over SAB entries.
- After an application, when Network Information is retrieved*, Auto Sync will be **On** automatically. After editing phonebook, backup will start automatically.
- Even after Auto Sync is set to **Off**, if Network Information is retrieved Auto Sync will be initialized and set to **On**.
- Confirm Auto Sync is set to **Off** after canceling the services.

* **Auto Sync - Sync mode** will be set to **Synchronize**. Auto Sync starts about 10 minutes after editing phonebook.

Note

- Packet Communication fees apply to connections between handset and SAB (Backup, Restore, or Synchronize).
- These items cannot be synchronized with SAB; using Restore for these items will delete them from handset:
 - Picture
 - Ringtone settings, Vibration settings (Voice Call, Video Call, Messages, or S! Friend's Status)
 - Blood type
 - Hobby
- Select back up/restore timing and sync mode carefully to avoid accidental deletion of entries.
 - Delete all handset entries then select **Synchronize**, **Sync from client**, or **Backup** to delete all SAB entries.
 - Delete all SAB entries then select **Synchronize**, **Sync from server**, or **Restore** to delete all handset entries.
- If number of entry items savable on handset varies from SAB, synchronization will reflect lower number.

- Change to 3G Series, change service continues as follows:

Content	Detail
SAB Supported	SAB entries remain.
SAB Not Supported	SAB service usable and entries remain; handset access unavailable but PC access available.

- Change to V3, V4, V5, V6, V8 Series, SAB service is automatically canceled and SAB entries are deleted.
- When SAB service is canceled, Phonebook entries on Server are deleted.

Available synchronization modes are as follows.

Sync Mode	Description
Synchronize	Backs up handset entries and updates SAB. ¹
Sync from client	Backs up updated handset entries. ²
Sync from server	Downloads updated SAB entries to handset. ³
Backup	Deletes SAB entries and uploads handset entries. ⁴
Restore	Deletes all handset entries and downloads SAB entries to handset (up to 9315C limit) last edited first. ⁵

- 1 If handset Phonebook entry and SAB entry item are both updated, SAB entry item takes priority.
- 2 Phonebook update information on Server is not applied to the one on handset.
- 3 Phonebook update information of handset is not applied to the one on Server.
- 4 Be careful that all Phonebook entries on Server is deleted.
- 5 Be careful that all Phonebook entries of handset is deleted.

- **Slow sync** is performed regardless of Sync mode setting when using SAB for the first time or the last sync was not completed correctly by canceling, etc.

Synchronizing Phonebook

Connect to Phonebook entries in Server and synchronize it with handset Phonebook entries.

- 1 Tap Menu → *Phonebook* → *S! Addressbook Back-up* → *Start sync*
- 2 Enter Phone Password → Tap OK
- 3 *Synchronize, Sync from client, Sync from server, Backup, or Restore* → *Yes* → *OK*

Note

- Starting sync connect to network. Packet Communication fees apply. Network connection is automatically disconnected when the synchronization.

Synchronizing Phonebook Automatically

Setting *Auto* sync settings to *On* requires Set frequency and Sync mode settings.

Setting Auto Sync

- 1 Tap Menu → *Phonebook* → *S! Addressbook Back-up* → *Auto sync settings* → Enter Phone Password → Tap OK
- 2 Under *On/Off*, *On*
- 3 *Sync mode*
- 4 *Synchronize, Sync from client, Sync from server, Backup, or Restore*
- 5 *Set frequency* → *frequency*

6 Set items

To back up once a month

Every month → Tap Time field → Enter time → Tap Date field → Enter date

To back up once a week

Every week → Tap Time field → Enter time → Tap Day field → Select a day

To back up 10 minutes after editing Phonebook entries

Every editing

7 Tap Save

- Under *On/Off*, set *Off* to cancel Auto Sync.

Advanced

Advanced Settings ⓘ P. 13-13

- Deleting S! Addressbook Back-up History

Advanced Settings

Advanced Settings

Bluetooth® Settings

Disconnecting Currently Connected Device

Tap Menu → **Settings** → **Connectivity** → **Bluetooth** → Tap registered device indicator → **Delete**

Acquiring Connected Device Data

Tap Menu → **Settings** → **Connectivity** → **Bluetooth** → Tap registered device indicator → **Browse device** → Approve access on source device

To acquire a file

Select a save location → Select a file to get

To acquire multiple sub-folders or files

Select a save location → Tap Get → **Folder** or **File** → Check a file to get → Tap Get

To acquire a folder

Tap Get → **Folder** → Select a folder to get

Deleting Data on Connected Device

Tap Menu → **Settings** → **Connectivity** → **Bluetooth** → Tap registered device indicator → **Browse device** → Approve access on source device → Select a folder → Tap Delete → Check a folder to delete → Tap Delete → Approve access on source device

Viewing Paired Device Details

Tap Menu → **Settings** → **Connectivity** → **Bluetooth** → Tap a device indicator to view → **Device details**

Editing Name of Paired Device

Tap Menu → **Settings** → **Connectivity** → **Bluetooth** → Tap a device indicator to edit → **Rename** → Edit device name

Authorizing Paired Device

Tap Menu → **Settings** → **Connectivity** → **Bluetooth** → Tap a device indicator to authorize → **Authorize device** or **Unauthorize device**

- When **Authorize device** is set, the setting turns to **Unauthorized device**.

Deleting Connected Device

Tap Menu → **Settings** → **Connectivity** → **Bluetooth** → Tap a device indicator to delete → **Delete** → **Yes**

Searching Devices by Type

Tap Menu → **Settings** → **Connectivity** → **Bluetooth** → Tap More → **Search settings** → Select an item

- When selecting **Device address**, Enter an address.

S! Addressbook Back-up

Viewing S! Addressbook Back-up History

Tap Menu → **Phonebook** → **S! Addressbook Back-up** → **Sync log** → Select a log

Deleting S! Addressbook Back-up History

Tap Menu → **Phonebook** → **S! Addressbook Back-up** → **Sync log** → Tap Delete → Check logs to delete → Tap Delete

Memo

A series of 15 horizontal dotted lines for writing the memo content.