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Connectivity



Infrared

Wirelessly transfer the following files between 931SH and compatible devices.

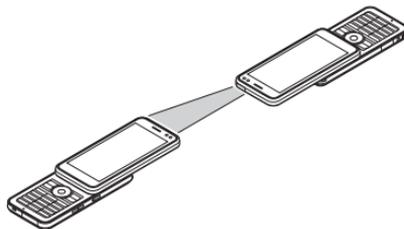
Phone Book	Received Msg.
Calendar	Sent Messages
Tasks	Drafts
Notepad	Templates
Bookmarks	Data Folder

- Copy/forward protected files are not transferable.
- Some files may not be transferable; some settings may be lost, or files may not be saved properly. (For details, see **P.18-13** "Troubleshooting.")

Getting Started

Infrared Precautions

Align Infrared Ports of both devices.



- 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.

Transfer Options

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

- Some transfer options may be unavailable depending on file type.
- Transfer Memory Card files one by one.

Authorization Code

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



Transferring Files via Infrared

Receiving Files

- 1 **MENU** or **⊙** ➔ **Settings** ➔ **Highlight Connectivity tab** ➔ **Infrared**
- 2 **Switch On/Off** ➔ **On(3 min.)**
 - Infrared is activated.
 - Handset receives files if sent within three minutes.
 - Handset must be in Standby to accept connection requests.
 - Alternatively, Long Press **⊙** to toggle Infrared on/off.
- 3 **Connection request arrives**



Request Window

4 Perform subsequent operations

- To cancel transfer, press **Cancel** or **Y7**.

Subsequent Operations

■ One File Transfer

Yes ➔ **Yes**

- When save location confirmation appears, select a location.

■ All File Transfer (Adding Files)

Yes ➔ **Enter Handset Code** ➔ **OK** or

⊙ ➔ **Enter Authorization Code** ➔

OK or **⊙** ➔ **As New Items**

■ IrSS Transfer

Yes

- Files are saved to Data Folder (Pictures).

Advanced

- 👉 **Overwriting existing files (P.18-11)**

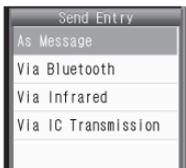


Sending Files

One File Transfer

Example: Phone Book entry

- 1  or 
- 2 Highlight entry \rightarrow *Options*
or  \rightarrow *Send Entry*



- 3 *Via Infrared*



- 4 **Yes** \rightarrow **Transfer starts**
 - When finished, entry search window returns.

All File Transfer

- 1 **MENU** or  \rightarrow *Settings* \rightarrow Highlight *Connectivity* tab \rightarrow *Infrared*
- 2 *Send All*
- 3 **Yes** \rightarrow Enter Handset Code \rightarrow *OK* or 



- 4 Select item (\leftrightarrow) \rightarrow *Send* or 
- 5 Enter Authorization Code \rightarrow *OK* or  \rightarrow **Transfer starts** \rightarrow *OK* or 
 - Infrared menu returns.

Sending Phone Book

- In , Picture transfer confirmation appears.

Sending JPEG Images at High Speed

- 1 **MENU** or  \rightarrow *Data Folder*
- 2 *Pictures* or *DCIM*
For *DCIM*, select a folder.
- 3 Highlight image \rightarrow *HOLD:IrSS (Long)* or  (Long)



- 4 **Yes** or **No** \rightarrow **Transfer starts**
 - When finished, file list returns.
 - Transfers are one-way; end even if files are not received.

Advanced

-   Sending My Details  Sending non-Phone Book files (P.18-11)

Transferring Files via IC Transmission

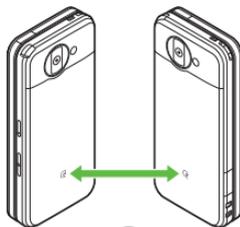
Wirelessly transfer files between 931SH and compatible devices.

- For transferable files, see P.18-2.
- Cancel IC Card Lock beforehand.
- Disconnect Headphones, USB Cable and AC Charger beforehand.

Getting Started

IC Transmission Precautions

Align  logos of both devices.



Align  logos

Keep  logos aligned during transfer.

Transfer Options

One File Transfer	Transfer single files
All File Transfer	Transfer all files by function

- Some transfer options may be unavailable depending on file type.
- Transfer Memory Card files one by one.

Authorization Code

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

Disabling One File Reception

- 1 **MENU** or  ➔ **Settings** ➔ **Highlight Connectivity tab** ➔ **IC Transmission**



IC Transmission Menu

- 2 **Recv. Forwarded** ➔ **Off(Disabled)**



Receiving Files

1 Connection request arrives



Request Window

2 Perform subsequent operations

- To cancel transfer, press **Cancel** or .

Subsequent Operations

■ One File Transfer

Yes ➔ **Yes**

- When save location confirmation appears, select a location.

■ All File Transfer (Adding Files)

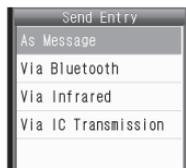
Yes ➔ **Enter Handset Code** ➔ **OK** or

 ➔ **Enter Authorization Code** ➔ **OK** or  ➔ **As New Items**

Sending Files

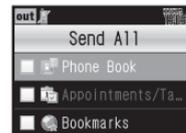
■ One File Transfer

Example: Phone Book entry

1  or 2 Highlight entry ➔ **Options** or  ➔ **Send Entry**3 **Via IC Transmission**4 **Yes** ➔ **Transfer starts**

- When finished, entry search window returns.

All File Transfer

1 In IC Transmission menu, **Send All**2 **Yes** ➔ **Enter Handset Code** ➔ **OK** or 3 Select item (⇌) ➔ **Send** or 4 **Enter Authorization Code** ➔ **OK** or  ➔ **Transfer starts**

➔ **OK** or 

- IC Transmission menu returns.

Sending Phone Book

- In , Picture transfer confirmation appears.

Advanced

-   Overwriting existing files
-  Sending My Details
-  Sending non-Phone Book files (P.18-11)



Bluetooth®

Wirelessly transfer files/data between 931SH and compatible devices (watches, handsfree devices, etc.).

- 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 Bluetooth SIG.
 - Data transfers may fail depending on characteristics or specifications of the certified Bluetooth® devices.
 - Noise may interfere with wireless or handsfree conversations.
- 931SH supports simultaneous connection with two devices. (May be unavailable depending on the device type.)

Getting Started

Bluetooth® Precautions

- Bring handsets to within ten meters. (Bluetooth® connection/transfer rate may vary depending on conditions.)
- TV audio is supported only on SCMS-T DRM scheme compliant Bluetooth® devices.

Handsfree Device Precautions

Handle call operations on the device in use.

Bluetooth® Watches

Compatible Bluetooth® watches support these functions:

Time Correction

Alarm Notice

News Notice

Mail Notice

Remote Shutter

Mode Settings

Quick Silent

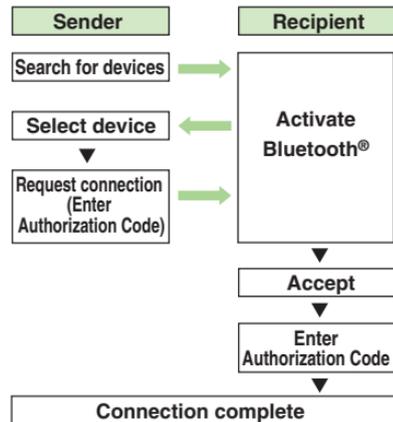
Caller ID Notice

Hold Calls

Operator Notice

For details about functions/operations, see the Bluetooth® watch guide.

Bluetooth® Connection



Authorization Code

- 4 to 16-digit code required for Bluetooth® connections. Pairing possible when codes match.

Advanced

- Cloaking handset to avoid connection requests
- Setting idle time after which Bluetooth® is canceled (And more on P.18-11)
- Synchronizing Bluetooth® watch with handset
- Enabling/disabling Bluetooth® watch responses (And more on P.18-12)



Transferring Files via Bluetooth®

1 Toggling Bluetooth® On/Off

- 1** MENU or  ➔ **Settings** ➔ Highlight **Connectivity** tab ➔ **Bluetooth**



Bluetooth Menu

- 2** **Switch On/Off** ➔ **On or Off**

- Alternatively, Long Press  to toggle Bluetooth® on/off.
- Handset must be in Standby to accept connection requests from unpaired handsfree devices, etc.

2 Connecting to Bluetooth® Devices

Device Search & Pairing

Activate Bluetooth® on devices to be paired with.

- 1** In Bluetooth menu, **Add Device**

- To disable confirmation, press **Cancel** or  before **2**.

- 2** **OK** or 

- Found devices are listed after search.
- Press **Cancel** or  to cancel.

- 3** **Select device**

When a confirmation appears, select **Yes**.

- 4** Enter the same Authorization Code for handset and the other device ➔ **OK** or  ➔ **Pairing complete**

- On the other device, complete code entry within 30 seconds.
- For handsfree devices, enter specified Authorization Code.
- Authorization Codes are not necessary for paired devices.

Connecting to Paired Devices

- 1** In Bluetooth menu, **Paired Devices**



All Paired Devices List

- 2** **Select device**

When a confirmation appears, select **Yes**.

- The device is connected and (preferred) appears.

Advanced

-   Editing All Paired Devices list
-  Disconnecting devices
-  Connecting to devices supporting handsfree telephony and audio output by service
-  Specifying a preferred device for wireless connection (P.18-12)



Accepting Connection Requests

Follow these steps to accept connection requests from unpaired devices:

1 Connection request arrives



Request Window

2 Yes



3 Enter the same Authorization Code as sender's ➔ OK or ●

- Complete code entry within 30 seconds.
- For handsfree devices, enter specified Authorization Code.

Transferring Files

Follow the steps below to exchange files with paired devices.

- For transferable files, see P.18-2.
- When requested, enter Authorization Code.

Receiving

1 Connection request arrives ➔ Yes

2 Yes

- When save location confirmation appears, select a location.
- To cancel transfer, press **Cancel** or .

All File Transfer (Adding Files)

In , enter Handset Code ➔ OK or  ➔ **As New Items**

One File Transfer

Example: Phone Book entry

1 or

2 Highlight entry ➔ Options or ➔ **Send Entry**

3 Via Bluetooth

4 Select device ➔ Yes ➔ Transfer starts

- When finished, entry search window returns.

All File Transfer

1 In Bluetooth menu, **Send All**

2 Select device ➔ Yes ➔ Enter Handset Code ➔ OK or ●

3 Select item () ➔ Send or ➔ Transfer starts ➔ OK or ●

- Bluetooth menu returns.

Sending Phone Book

- In , Picture transfer confirmation appears.

Advanced

-   Overwriting existing files  Sending My Details  Sending non-Phone Book files (P.18-12)



Connecting to PC

Accessing Memory Card from PC

Connect handset to a PC via USB Cable to access Memory Card from the PC without removing the card from handset.

- USB Cable may be purchased separately.
- If handset is connected to a PC via USB Cable, disconnect it first.

1 **MENU** or  ➔ **Settings** ➔ **Highlight Connectivity tab** ➔ **USB Mode**

2 **Mass Storage**



3 **Yes**

4 **Connect handset to a PC via USB Cable**

- Use PC to access Memory Card.

5 **Cancel** or  ➔ **Yes** ➔ **Connection ends**

- Safely remove handset (recognized as removable hardware device) on the PC, then disconnect USB Cable.

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/download/tools/utility/>

Mobile Data Communication Fees

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



Infrared

Overwriting existing files	When connection request arrives, Yes → Enter Handset Code → OK or ⊙ → Enter Authorization Code → OK or ⊙ → Delete All & Save → Yes <ul style="list-style-type: none"> For Phone Book, My Details except handset phone number is overwritten as well.
Sending My Details	MENU or ⊙ → Phone → My Details → Options or ☐ → Send My Card → Via Infrared → Yes → Transfer starts
Sending non-Phone Book files	In file list, highlight file → Options or ☐ → Send → Via Infrared → Yes → Transfer starts

IC Transmission

Overwriting existing files	When connection request arrives, Yes → Enter Handset Code → OK or ⊙ → Enter Authorization Code → OK or ⊙ → Delete All & Save → Yes <ul style="list-style-type: none"> For Phone Book, My Details except handset phone number is overwritten as well.
Sending My Details	MENU or ⊙ → Phone → My Details → Options or ☐ → Send My Card → Via IC Transmission → Yes → Transfer starts
Sending non-Phone Book files	In file list, highlight file → Options or ☐ → Send → Via IC Transmission → Yes → Transfer starts

Bluetooth®

General	
Cloaking handset to avoid connection requests	MENU or ⊙ → Settings → Highlight Connectivity tab → Bluetooth → My Device Settings → Visibility → Hide My Phone
Setting idle time after which Bluetooth® is canceled	MENU or ⊙ → Settings → Highlight Connectivity tab → Bluetooth → My Device Settings → Bluetooth Timeout → Select time
Switching audio output to wireless device	MENU or ⊙ → Settings → Highlight Connectivity tab → Bluetooth → My Device Settings → Sound Output → Bluetooth Device <ul style="list-style-type: none"> Bluetooth Device is set automatically when connection is made from wireless Headphones.
Changing Bluetooth® name for handset	MENU or ⊙ → Settings → Highlight Connectivity tab → Bluetooth → My Device Settings → Device Name → Enter name → Done or ⊙
Talking on handsfree device	MENU or ⊙ → Settings → Highlight Connectivity tab → Bluetooth → My Device Settings → Handsfree Setting → Handsfree Mode
Avoiding connection requests from Bluetooth®-compatible S! Applications in Standby, etc.	MENU or ⊙ → Settings → Highlight Connectivity tab → Bluetooth → My Device Settings → S! Appli Request → Off
Opening Bluetooth®-related handset properties	MENU or ⊙ → Settings → Highlight Connectivity tab → Bluetooth → My Device Details <ul style="list-style-type: none"> Press Help or ☐ to view service details.



Bluetooth® Watches

Synchronizing Bluetooth® watch with handset	<i>MENU</i> or  ⇒ <i>Settings</i> ⇒ <i>Highlight Connectivity</i> tab ⇒ <i>Bluetooth</i> ⇒ <i>Setting Watch</i> ⇒ <i>Set BT-Watch Time</i> ⇒ <i>Yes</i> • Connect handset to a Bluetooth® watch beforehand.
Enabling/disabling Bluetooth® watch responses	<i>MENU</i> or  ⇒ <i>Settings</i> ⇒ <i>Highlight Connectivity</i> tab ⇒ <i>Bluetooth</i> ⇒ <i>Setting Watch</i> ⇒ <i>Notification</i> ⇒ <i>Select item</i> ⇒ <i>Permit</i> or <i>Prohibit</i> • Register a Bluetooth® watch beforehand.

Paired Devices

Editing All Paired Devices list	<small>[Start Here]</small> <i>MENU</i> or  ⇒ <i>Settings</i> ⇒ <i>Highlight Connectivity</i> tab ⇒ <i>Bluetooth</i> ⇒ <i>Paired Devices</i> ⇒ <i>Highlight device</i> ⇒ <i>Options</i> or  ⇒ <i>See below</i>
	Renaming Paired Devices <i>Change Name</i> ⇒ <i>Enter name</i> ⇒ <i>Done</i> or 
	Deleting Paired Devices <i>Delete</i> ⇒ <i>Yes</i> • To delete a device connected to handset, select <i>Yes</i> .
Disconnecting devices	<i>MENU</i> or  ⇒ <i>Settings</i> ⇒ <i>Highlight Connectivity</i> tab ⇒ <i>Bluetooth</i> ⇒ <i>Paired Devices</i> ⇒ <i>Select device</i>
Connecting to devices supporting handsfree telephony and audio output by service	<i>MENU</i> or  ⇒ <i>Settings</i> ⇒ <i>Highlight Connectivity</i> tab ⇒ <i>Bluetooth</i> ⇒ <i>Paired Devices</i> ⇒ <i>Highlight device</i> ⇒ <i>Options</i> or  ⇒ <i>Select service</i> ⇒ <i>Handsfree function</i> or <i>Audio function</i>

Specifying a preferred device for wireless connection	<small>[Start Here]</small> <i>MENU</i> or  ⇒ <i>Settings</i> ⇒ <i>Highlight Connectivity</i> tab ⇒ <i>Bluetooth</i> ⇒ <i>Paired Devices</i> ⇒ <i>Highlight device</i> ⇒ <i>Options</i> or  ⇒ <i>Set to Prior Connect</i> ⇒ <i>See below</i>
	For Handsfree Telephony <i>Handsfree On</i> • For <i>Handsfree On</i> , specified device reconnects to handset when placing/receiving calls.
	For Audio Output <i>Audio On</i> • For <i>Audio On</i> , Media Player/TV audio output is redirected to specified device automatically when  Sound Output is set to <i>Bluetooth Device</i> .

File Transfer

Overwriting existing files	When connection request arrives, <i>Yes</i> ⇒ <i>Enter Handset Code</i> ⇒ <i>OK</i> or  ⇒ <i>Delete All & Save</i> ⇒ <i>Yes</i> • For Phone Book, My Details except handset phone number is overwritten as well.
Sending My Details	<i>MENU</i> or  ⇒ <i>Phone</i> ⇒ <i>My Details</i> ⇒ <i>Options</i> or  ⇒ <i>Send My Card</i> ⇒ <i>Via Bluetooth</i> ⇒ <i>Select device</i> ⇒ <i>Yes</i> ⇒ <i>Transfer starts</i>
Sending non-Phone Book files	In file list, highlight file ⇒ <i>Options</i> or  ⇒ <i>Send</i> ⇒ <i>Via Bluetooth</i> ⇒ <i>Select device</i> ⇒ <i>Yes</i> ⇒ <i>Transfer starts</i>



File Transfer

? Phone Book settings are lost

- One file transfer resets these settings:
 - Category, Tone/Video, Light, Vibration, Secret
- Picture setting may be lost depending on image; send the image separately and reassign it.

? Calendar/Tasks settings are lost

- One file transfer resets these settings:
 - Alarm Tone/Video, Secret, S! Friend's Status

? Cannot find streaming Bookmarks

- In All File Transfers, received streaming Bookmarks are saved as Yahoo! Keitai Bookmarks.

? Messages are not saved properly

- Files received via One File Transfer are saved to Other Documents folder and cannot be used as messages.
- Sky Mail may be received as S! Mail when transferred from other SoftBank handsets via All File Transfer.

? Received messages are not saved properly

- Mail Notices are restored as messages, invalidating complete message retrieval.
- All File Transfers may save Spam Folder messages to the incoming message folder on recipient SoftBank handsets (except 931SH).

? Received Msg. folder settings are lost

- In All File Transfers, overwriting messaging folders deletes sort keys.

? Draft messages are not saved properly

- In All File Transfers, only the first entered recipient may remain or SMS addressed to multiple recipients may not be saved on recipient SoftBank handsets (except 931SH).

? Cannot find files in DCIM folder

- Received files in DCIM folder are saved to Pictures folder.

? Cannot receive some files

- Messages may not be received depending on the size.
- Large Bookmarks may not be received correctly.

? Some files are not received

- If the limit is reached during transfers, remaining files will not be received.

? Cannot receive/accept connection requests even when Infrared/Bluetooth® is On

- Handset may not be in Standby.
- Keypad Lock/Function Lock may be active.
- Software Update may be in progress.

Infrared

? Infrared transfer fails

- Infrared Port may be obstructed by dust, etc.; clean with a soft cloth.
- Transfers may fail in direct sunlight, under fluorescent lighting or near infrared equipment.

