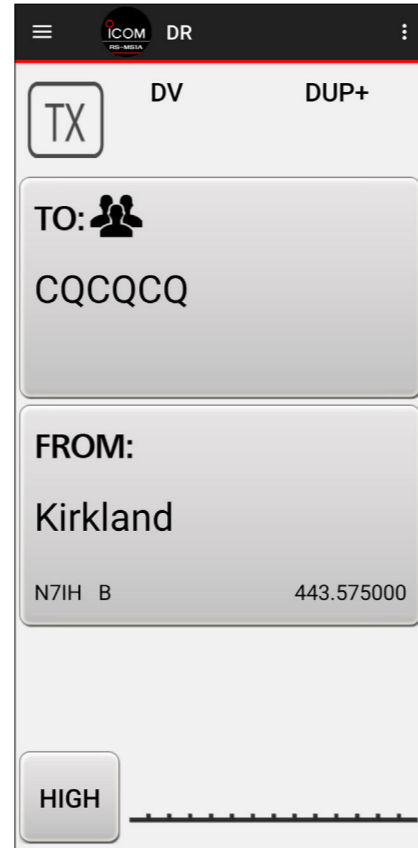


Icom offers applications that extend the functionality of the D-STAR transceivers. This guide describes the connections with mobile devices and tablets that you should know before using each application. See each manual for details about settings and system requirements for using the application.

## About each application

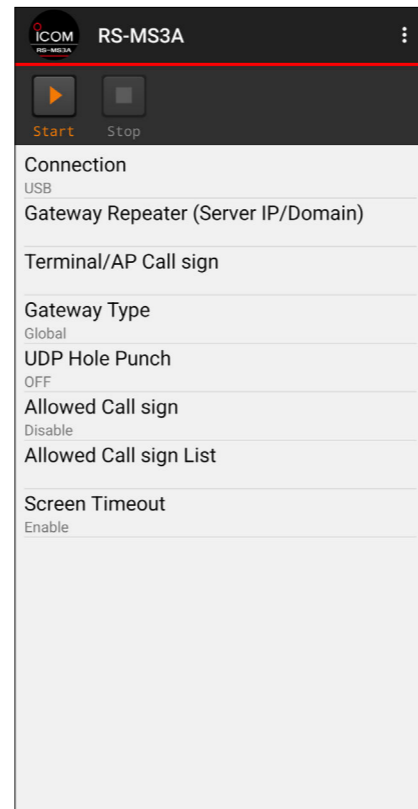
**RS-MS1A** **RS-MS1I**

You can use the extended D-STAR functions to exchange images or messages, or display received D-PRS station data on a map application.



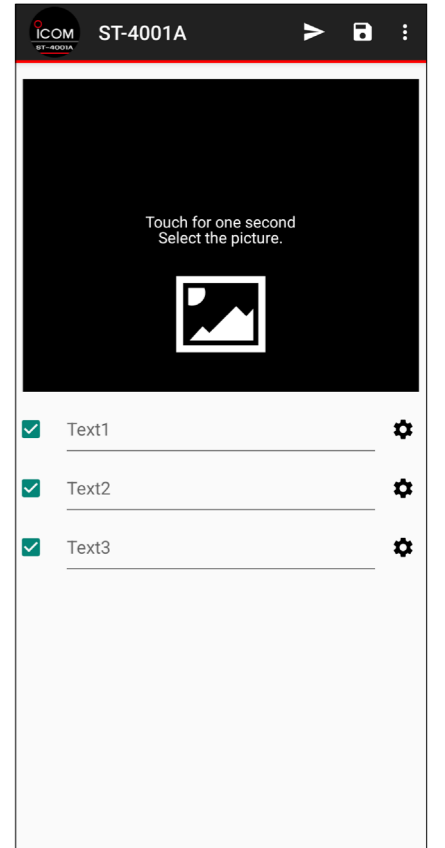
**RS-MS3A** **RS-MS3I**

You can use the External Gateway function.  
 ① You need an Internet connection with an IPv4 Global IP address.  
 ① Bluetooth connection is compatible with only the ID-52A/E PLUS.  
 ① RS-MS3I is compatible with only the ID-52A/E PLUS.



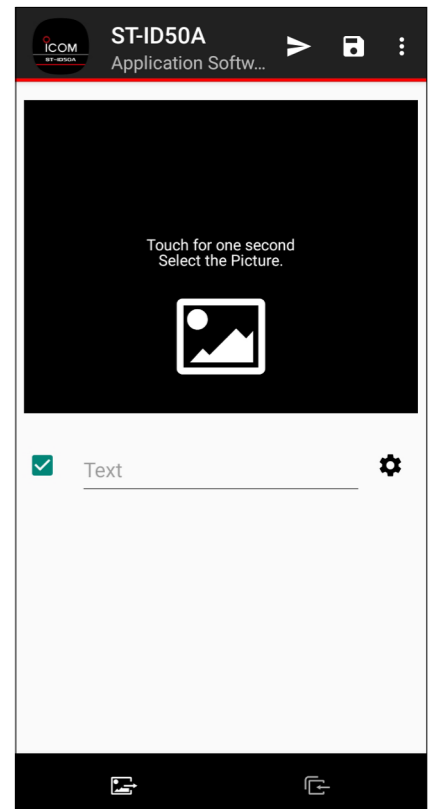
**ST-4001A** **ST-4001I**

You can crop an image used for the Share Picture function of a D-STAR transceiver, and transfer images to the transceiver.  
 ① You need to set a SD card or microSD card (user supplied) to the transceiver.



**ST-ID50A**

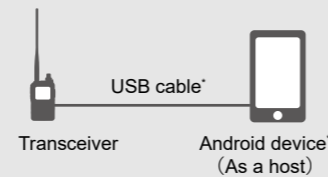
You can transfer images used for the Share Pictures function of ID-50A/E to the transceiver, and display the received images.  
 ① You need to set a microSD card (user supplied) to the transceiver.  
 ① This application is for only Android devices.



# Connection form/Compatible applications

## NOTE:

- When you use the RS-MS1A, RS-MS3A, or ST-ID50A application by connecting with the transceiver through a USB cable, an Android device and the USB cable that supports the USB host (USB OTG) function\* is needed. You may not be able to use the application, even the function is supported, depending on the device.

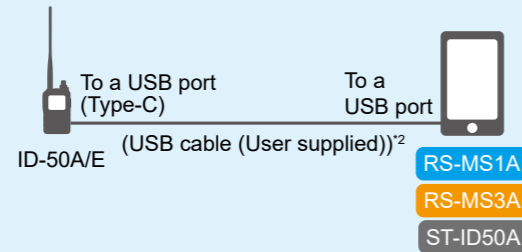


① Depending on the software status or the capacity of your device, some functions may not work correctly.

\* The USB host function is the function for connecting and using a USB device to a mobile device. To check whether your Android device supports the function, ask the Android device's manufacturer.

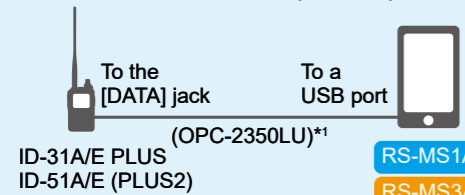
- When the IC-705, IC-905, or IC-9700 can connect to the Internet, you can use the DV Gateway function only with the transceiver itself by setting the Internal Gateway.

## ID-50A/E



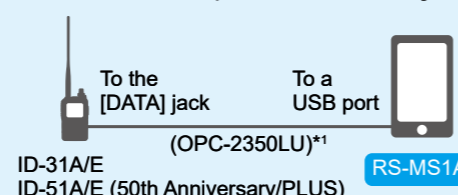
RS-MS1A  
RS-MS3A  
ST-ID50A

## ID-31A/E PLUS and ID-51A/E (PLUS2)



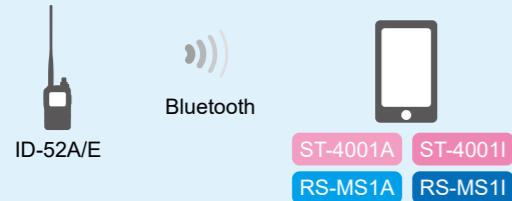
RS-MS1A  
RS-MS3A

## ID-31A/E and ID-51A/E (50th Anniversary/PLUS)

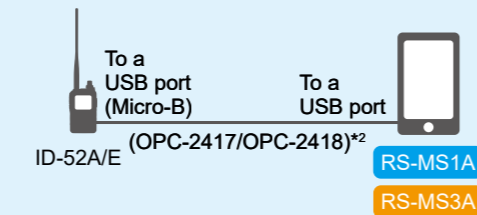


RS-MS1A

## ID-52A/E

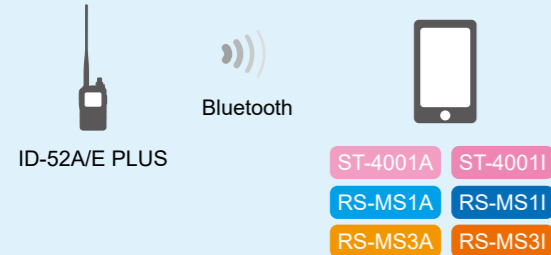


ST-4001A ST-4001I  
RS-MS1A RS-MS1I

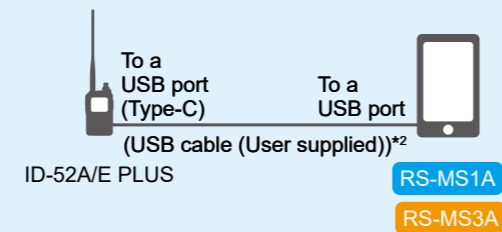


RS-MS1A  
RS-MS3A

## ID-52A/E PLUS

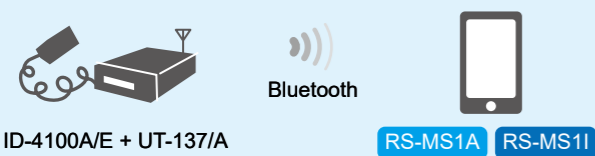


ST-4001A ST-4001I  
RS-MS1A RS-MS1I  
RS-MS3A RS-MS3I

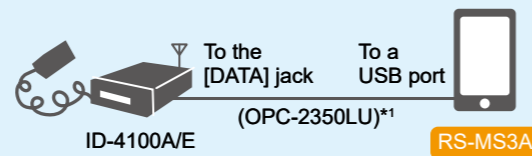


RS-MS1A  
RS-MS3A

## ID-4100A/E



RS-MS1A RS-MS1I



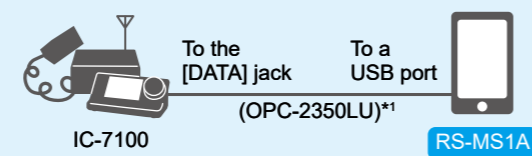
RS-MS3A

## ID-5100A/E



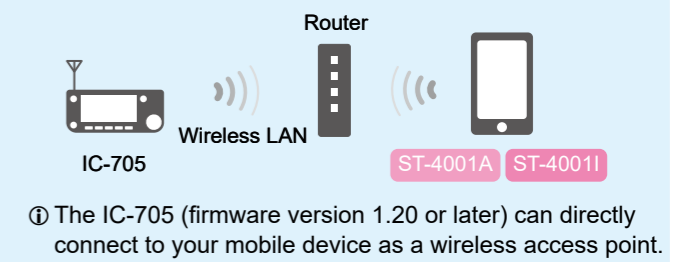
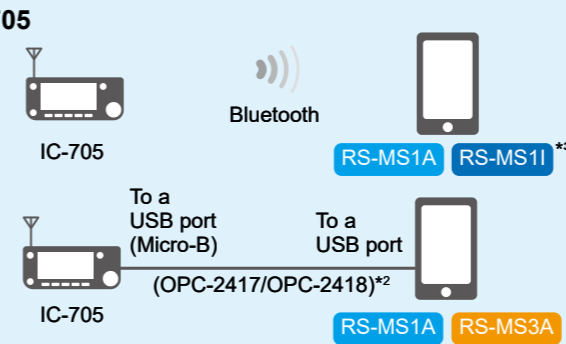
RS-MS1A

## IC-7100

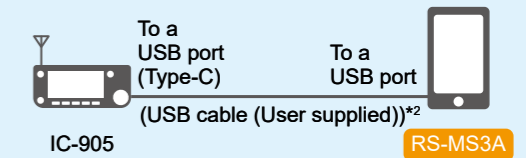
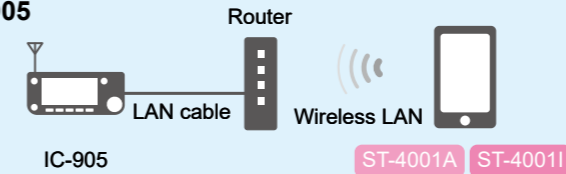


RS-MS1A

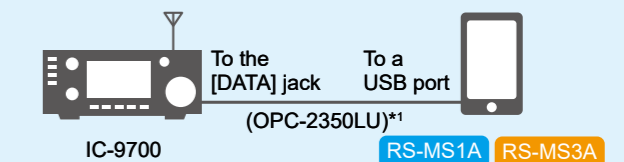
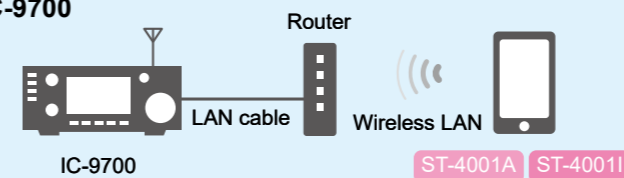
## IC-705



## IC-905



## IC-9700



\*1 The OPC-2350LU that connects to the DATA jack of the transceiver is supplied the two types of USB cable, for an Android device (USB Mini-B/USB Micro-B) and a PC (USB Mini-B/USB Type-A).

### When your Android device has a USB Type-C port

You need a USB On-The-Go (OTG) adapter to convert the data cable's plug to USB Type-C.

① The application may not be able to use, depending on the user supplied adapter.

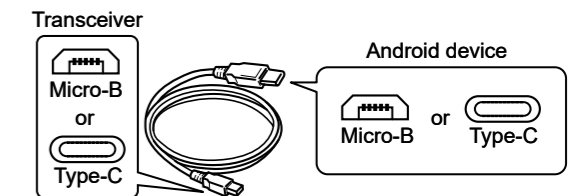
OPC-2350LU + supplied cable for a PC (USB Mini-B/USB Type-A)  
+ conversion with a user supplied adapter (USB Type-A/USB Type-C)

\*2 Purchase the proper USB cable according to your device's USB port. **When the transceiver and your Android device has a USB Micro-B port**

OPC-2417 DATA CABLE (USB Micro-B/USB Micro-B)  
**When the transceiver has a USB Micro-B port and your Android device has a Type-C port**

OPC-2418 DATA CABLE (USB Micro-B/USB Type-C)  
When the transceiver has a USB Type-C port, use a user supplied cable.

① You cannot use the OPC-2418 DATA CABLE.



\*3 Supported only on RS-MS1I versions 1.2.0 and later.

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