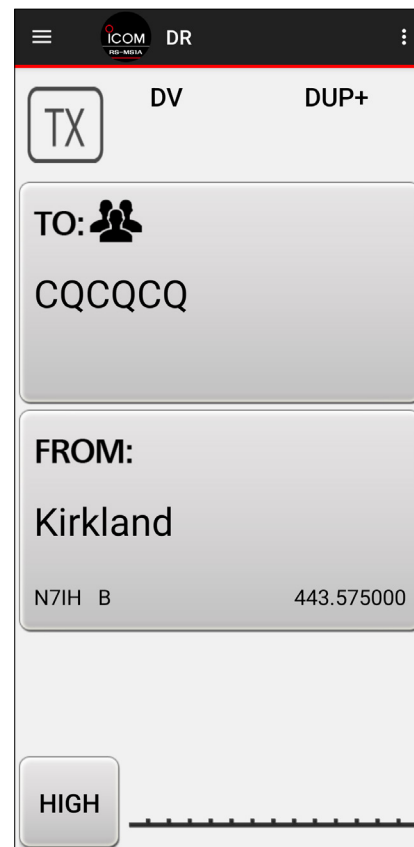


Icom offers applications that extend the functionality of the D-STAR transceivers. This guide describes the connections with mobile devices and tablets that you should know before using each application. See each manual for details about settings and system requirements for using the application.

About each application

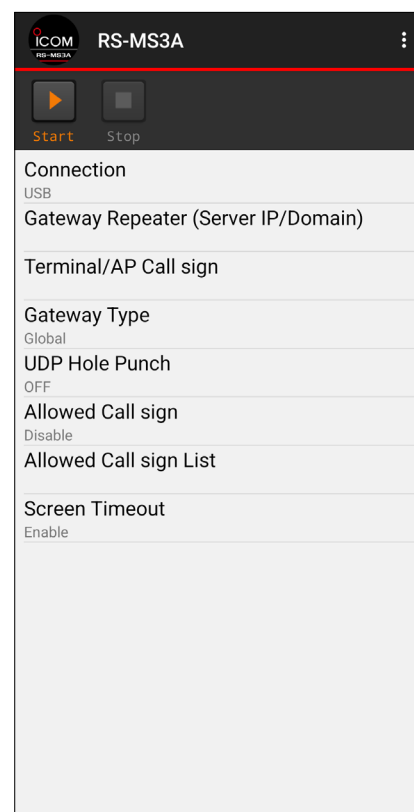
RS-MS1A RS-MS1I

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



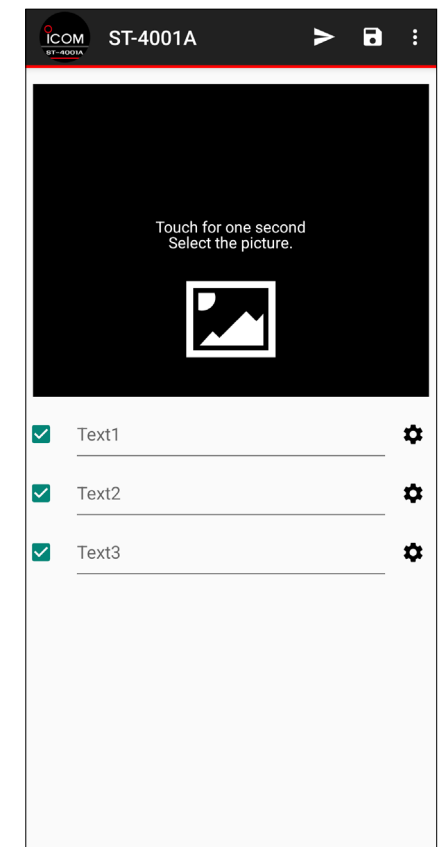
RS-MS3A RS-MS3I

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 and ID-5200A/E.
 ① RS-MS3I is compatible with only the ID-52A/E PLUS and ID-5200A/E.



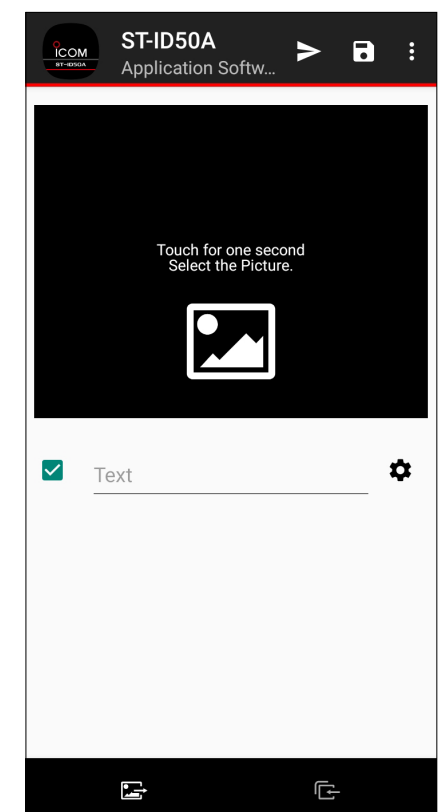
ST-4001A ST-4001I

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

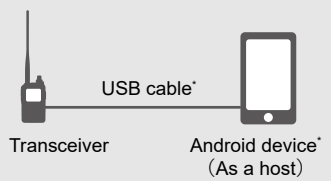
You can transfer images used for the Share Pictures function of ID-50A/E to the transceiver, and display the received images.
 ① You need to set a microSD card (user supplied) to the transceiver.
 ① This application is for only Android devices.



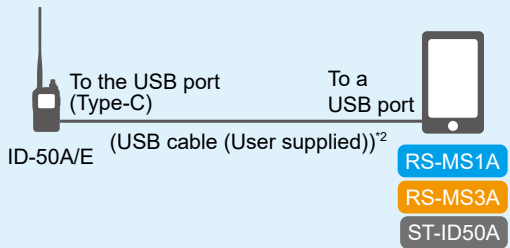
Connection form/Compatible applications

NOTE:

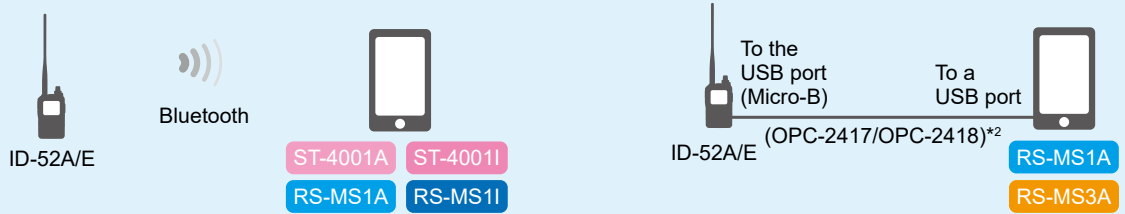
- When you use the RS-MS1A, RS-MS3A, or ST-ID50A application by connecting with the transceiver through a USB cable, an Android device and the USB cable that support the USB host (USB OTG) function* are needed.
You may not be able to use the application, even if the function is supported, depending on 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 ID-5200A/E, 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.



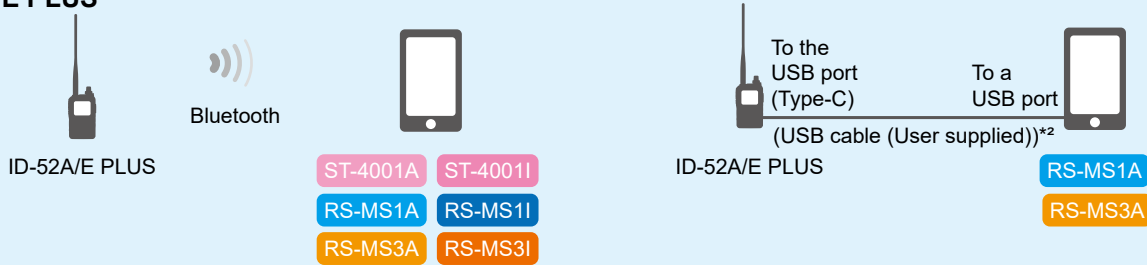
ID-50A/E



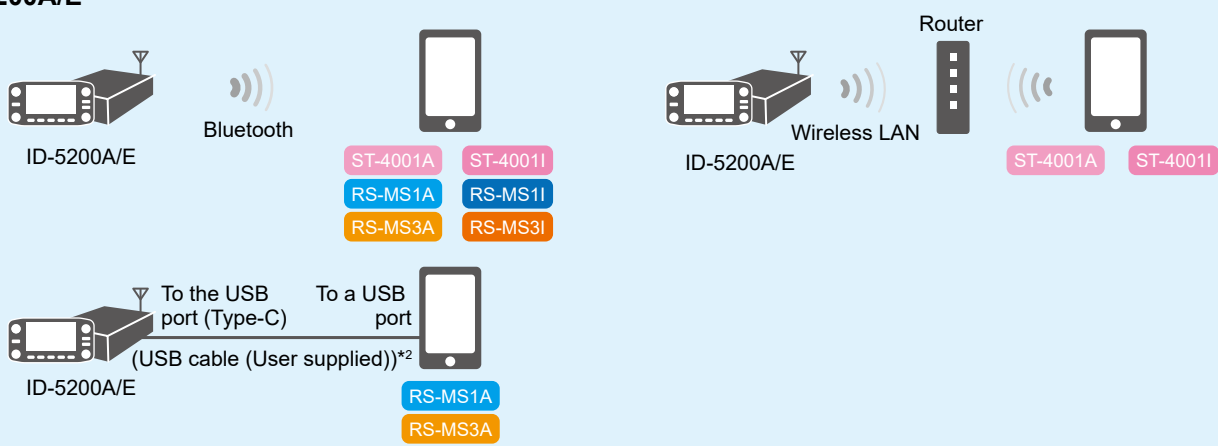
ID-52A/E



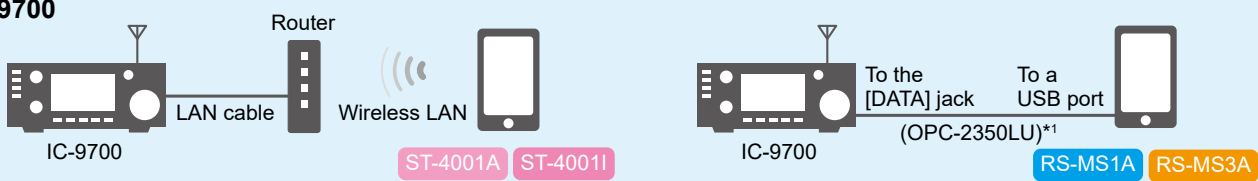
ID-52A/E PLUS



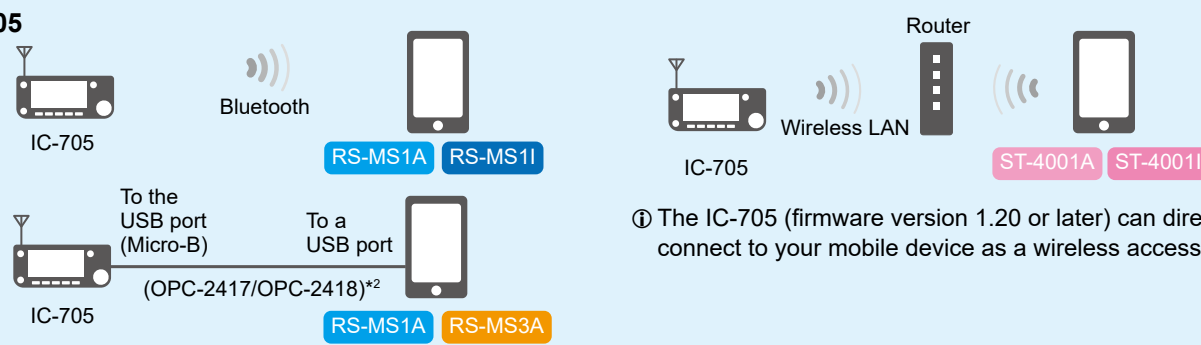
ID-5200A/E



IC-9700

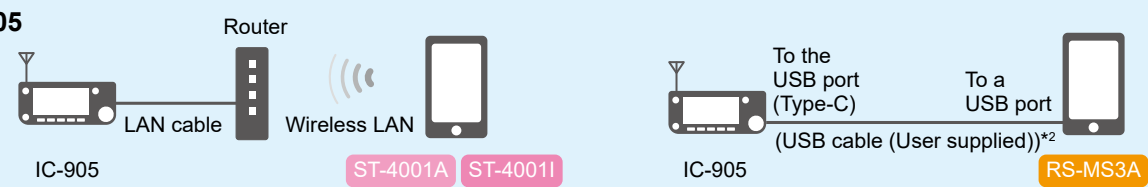


IC-705



① The IC-705 (firmware version 1.20 or later) can directly connect to your mobile device as a wireless access point.

IC-905



*1 The OPC-2350LU that connects to the DATA jack of the transceiver is supplied the 2 types of USB cable, for an Android device (Mini-B to Micro-B) and a PC (Mini-B to 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.

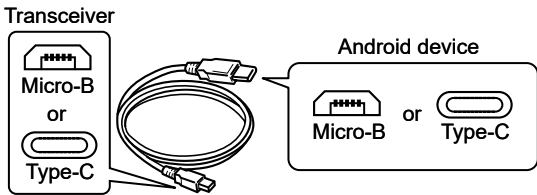
OPC-2350LU + supplied cable for a PC (Mini-B to Type-A)
+ conversion with a user supplied adapter (Type-A to Type-C)

*2 Purchase the proper USB cable according to your device's USB port.

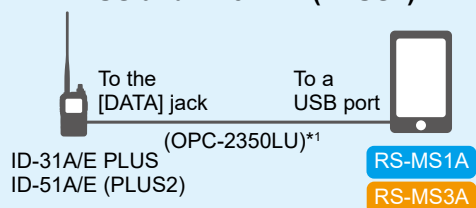
When the transceiver and your Android device have a USB Micro-B port
OPC-2417 DATA CABLE (Micro-B to Micro-B)
When the transceiver has a USB Micro-B port and your Android device has a Type-C port
OPC-2418 DATA CABLE (Micro-B to Type-C)

When the transceiver has a USB Type-C port, use a user supplied cable.

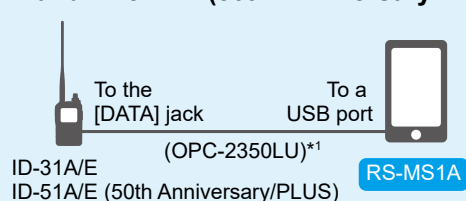
① You cannot use the OPC-2418 DATA CABLE.



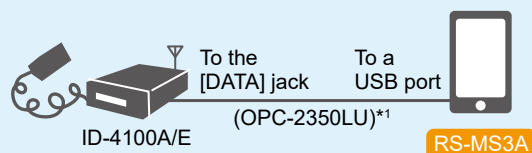
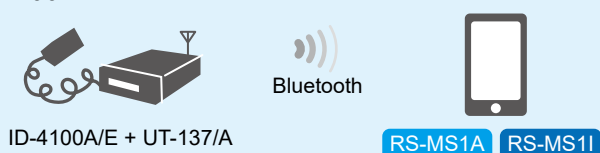
ID-31A/E PLUS and ID-51A/E (PLUS2)



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



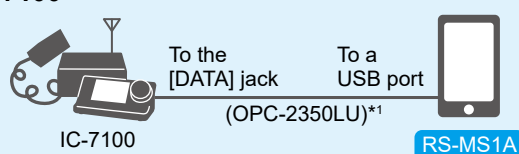
ID-4100A/E



ID-5100A/E



IC-7100



*1 The OPC-2350LU that connects to the DATA jack of the transceiver is supplied the 2 types of USB cable, for an Android device (Mini-B to Micro-B) and a PC (Mini-B to 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
(Mini-B to Type-A)
+ conversion with a user supplied adapter (Type-A to Type-C)

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