How to use the touchscreen adjustment software

This software is used to fix misalignment of the touch screen.
This software is applicable to the following instruments:
 MCU-710, RA-620, RA-600, QTM-710, QTM-700, DA-650, DA-645, DA-640

## 1

Prepare a USB flash drive.
Prepare a FAT32-formatted USB flash drive with a capacity of 4GB or less.

2

Copy the unzipped file after downloading the software to the USB flash drive.
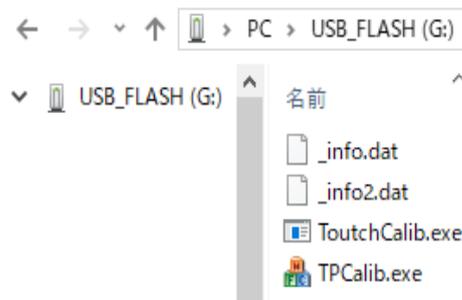
The files to be copied are as follows. Copy the four files to the root directory of your USB flash drive. (Do not put four files in the folder)
- _info.dat
- _info2.dat
- ToutchCalib.exe
- TPCalib.exe

*".dat" or ".exe" may not be displayed depending on the usage status.

This is how to complete USB flash drive for touchscreen adjustment, followed by describing how to adjust the touchscreen of the relevant product.

3

Turn off the power of the applicable product.
The applicable products are one of the follows:
MCU-710, RA-620, RA-600, QTM-710, QTM-700, DA-650, DA-645, DA-640

4

Insert the USB flash drive for touchscreen adjustment created in step 2 into the USB connector.

There are two USB ports.
Either connector will do for the USB flash drive.

5   Turn on the power of the applicable product.
The touchscreen adjustment software for the USB flash drive will start after the opening screen display.
Wait for a while until the screen shown on the right is displayed.

If this screen is not displayed and normal product screen is displayed, the USB flash drive may not be recognized, or the USB flash drive's copy may have failed.
Download it again, change the USB flash drive, and then try again from step 1.

> Carefully press and briefly hold stylus on the center of the target.
> Repeat as the target moves around the screen.
> Press the Esc key to cancel.
>
> +
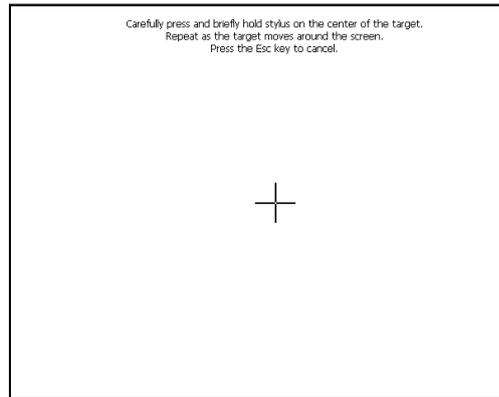
6   Press the cross mark (+). At first, a cross mark (+) will be displayed in the center of the screen, so press the center of the cross mark (+).
After that, each time you press the cross mark (+), it will move, so press it in the same way.

> Carefully press and briefly hold stylus on the center of the target.
> Repeat as the target moves around the screen.
> Press the Esc key to cancel.
>
> +
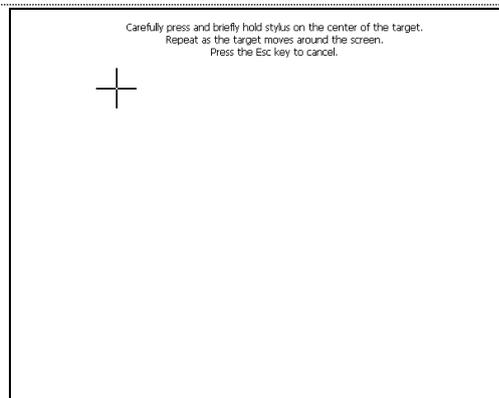
7   Adjustment completes.
When everything is completed, the cross mark will disappear as shown on the right and press anywhere on the screen. This is the end of the process. Turn off the power of the product.

If the cross mark still remains, press it again in order.

> New calibration settings have been measured.
> Press the Enter key to accept the new settings.
> Press the Esc key to keep the old settings.

If '+' mark does not disappear, or if you press '+' mark but it does not respond.
If the cross mark does not disappear even if you press it in order, or if the cross mark does not move even if you press it, the touchscreen may be defective.
In that case, please contact the company where you purchased the product.

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