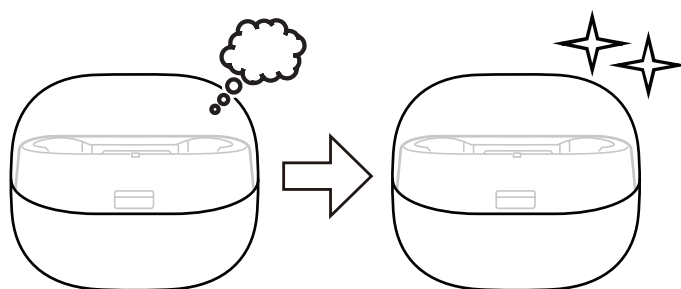


## Replacement procedure of the BC-WFSP900 (charging case):

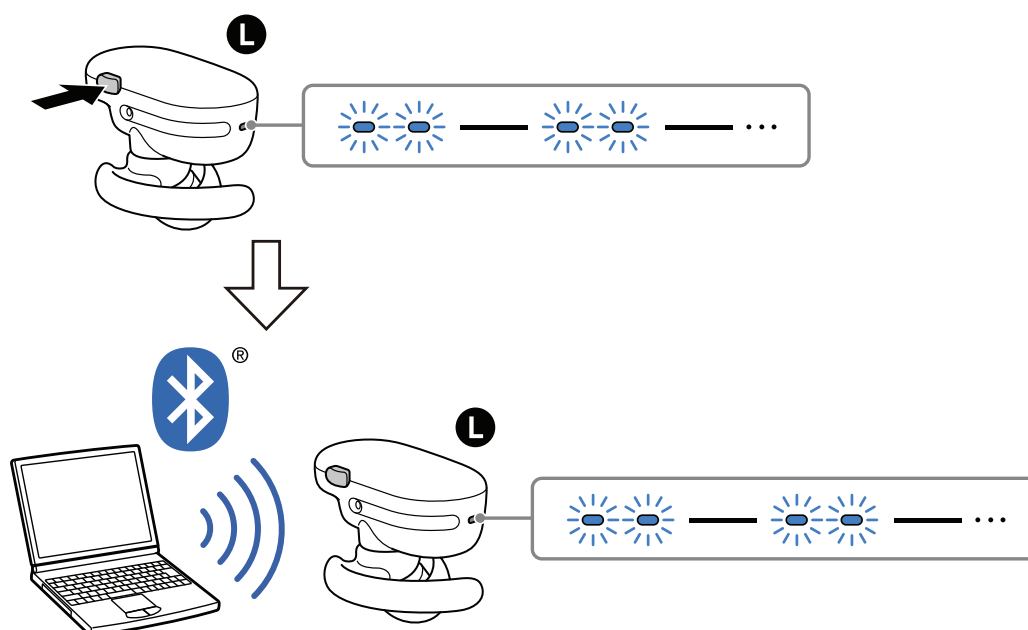
1. Replace the broken BC-WFSP900 (charging case) with a new BC-WFSP900 (charging case).



2. Press the button on the WF-SP900L (L-ch) for about 7 seconds until it change to blue flashing 2 times, it to the device registration (pairing) mode, and connect it to the PC with Bluetooth function.

**Note 1:** In order to check the Bluetooth address, it is necessary to connect the PC and the WF-SP900L (L-ch). It is also possible to display the Bluetooth address, by the Bluetooth connect to the walkman (NW-S series or NW-A series etc.) with Bluetooth function. In this example, describes how to display Bluetooth address using the PC.

**Note 2:** For the Bluetooth connection method of the PC, refer to the manual of the PC to be used.



3. Display information of this unit on the PC screen. Then open the property, state that display the Bluetooth address, and take a memorandum the Bluetooth address.

**Note 3:** The figure below is a reference example. In the Windows 8.1, open the “Control Panel → Device and Printers” in this order, right click the icon showing the model name (WF-SP900) of this unit and open its properties.

**Note 4:** Check the device name carefully so as not to confuse Bluetooth address with other devices, and take a memorandum.

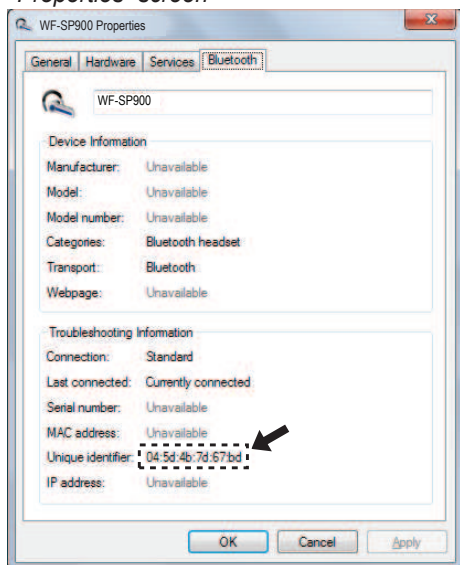
**Note 5:** The display method of Bluetooth address may be different depending on Windows OS.

“Device and Printers” screen on PC



Right click and select the “Properties”.

“Properties” screen



4. Write the Bluetooth information recorded in step 3 to the BC-WFSP900 (charging case) using NFC compatible smartphone that installed the NFC Tag Data Writing Application. (Refer to “BLUETOOTH INFORMATION WRITING METHOD” on the right)
5. Check the operation of this unit.

**Note 6:** When checking the operation, refer to the help guide about how to operate this unit.

6. Select the device displayed on the PC, right click and select “Remove device” from the menu and delete the device.

**Note 7:** When another WF-SP900 is connected to the PC by Bluetooth connection, a new device (WF-SP900) will be added.

Be careful that if there are plural devices (WF-SP900), you may erroneously reference and write the Bluetooth address of another WF-SP900.

7. Complete the replacement work on the BC-WFSP900 (charging case).

## BLUETOOTH INFORMATION WRITING METHOD

When the BC-WFSP900 (charging case) is replaced, it is necessary to perform writing of Bluetooth information.

Write the Bluetooth information according to the procedure below.

### Preparation:

- Windows PC with Bluetooth function
- NFC compatible smartphone that installed the file manager application (ASTRO File Manager, File Expert, etc.)
- USB cable for the smartphone
- NFC Tag Data Writing Application  
(Application name: mdr-nfc-tag-writer\_1.0.0.apk)

**Note 1:** “1.0.0” in the file name indicates the version of NFC Tag Data Writing Application. Always use the latest version of the NFC Tag Data Writing Application.

Example: mdr-nfc-tag-writer\_1.0.0.apk

└ version

**Note 2:** Confirm the method of obtaining the NFC Tag Data Writing Application and its latest version with the each service headquarters.

### Notes on the use of the NFC Tag Data Writing Application

- The NFC Tag Data Writing Application may be updated irregularly. Always use the latest version of the NFC Tag Data Writing Application. The version of NFC Tag Data Writing Application is represented by the file name of NFC Tag Data Writing Application.

Example: mdr-nfc-tag-writer\_1.0.0.apk

└ version

- Be sure to uninstall older versions of the NFC Tag Data Writing Application before installing the latest version.
- The NFC Tag Data Writing Application is also used in models other than the headphone category, and there are multiple types. If multiple NFC Tag Data Writing Applications are installed on a smartphone, do not launch more than one at the same time.
- The NFC Tag Data Writing Application varies depending on your model. Be sure to use the specified NFC Tag Data Writing Application.  
Use of not specified NFC Tag Data Writing Application is strictly prohibited.

### 1. Installing the NFC Tag Data Writing Application

Install the NFC Tag Data Writing Application on the smartphone for writing of Bluetooth information.

If the NFC Tag Data Writing Application is already installed, confirm the following.

- Be absolutely sure that the NFC Tag Data Writing Application supports your model.
- Confirm that the NFC Tag Data Writing Application is the latest version. The version of NFC Tag Data Writing Application is represented by the file name.

Example: mdr-nfc-tag-writer\_1.0.0.apk

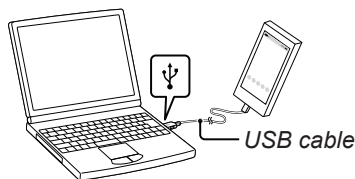
└ version

## Procedure:

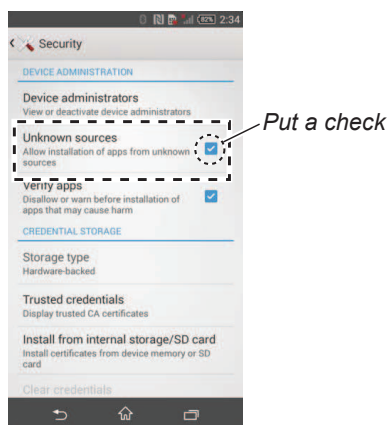
1. Prepare the NFC Tag Data Writing Application on the PC.

**Note:** Be absolutely sure that the NFC Tag Data Writing Application supports your model and that it is the latest version.

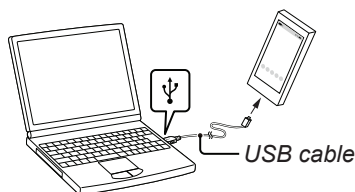
2. Using the USB cable for the smartphone, connect the smartphone and the PC, and transfer the NFC Tag Data Writing Application to the smartphone.



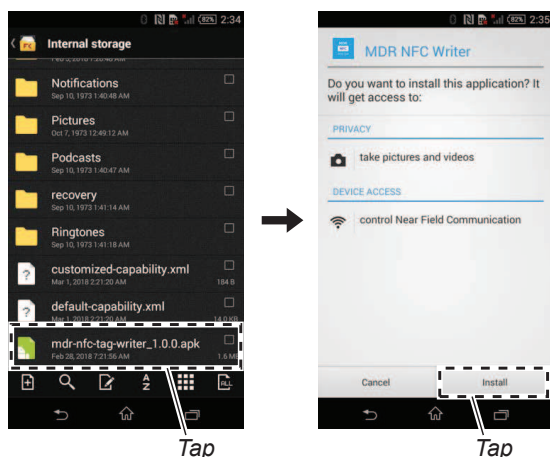
3. When tapping the “Settings” → “Security” on the screen of the smartphone, and check the “Unknown sources” checkbox. (The figure below is a reference example)



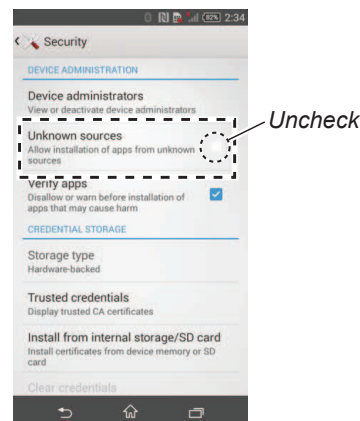
4. Disconnect the smartphone from the PC.



5. Use the file manager application to open the location to the NFC Tag Data Writing Application on the smartphone.
6. Tap on the NFC Tag Data Writing Application to open it, and install the NFC Tag Data Writing Application to the smartphone. (The figure below is a reference example)

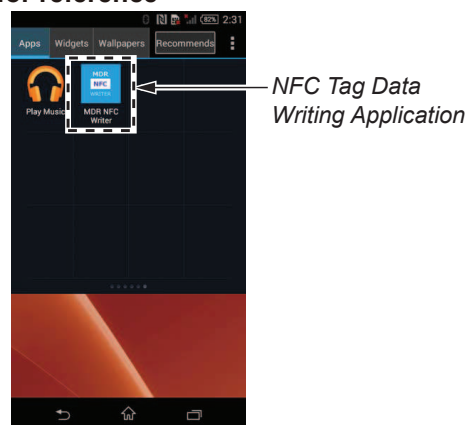


7. When tapping the “Settings” → “Security” on the screen of the smartphone, and uncheck the “Unknown sources” checkbox. (The figure below is a reference example)



8. Complete install of NFC tag data writing application. (The figure below is a reference example)

### – Screen after the installation for reference –



This completes the Installing the NFC Tag Data Writing Application.

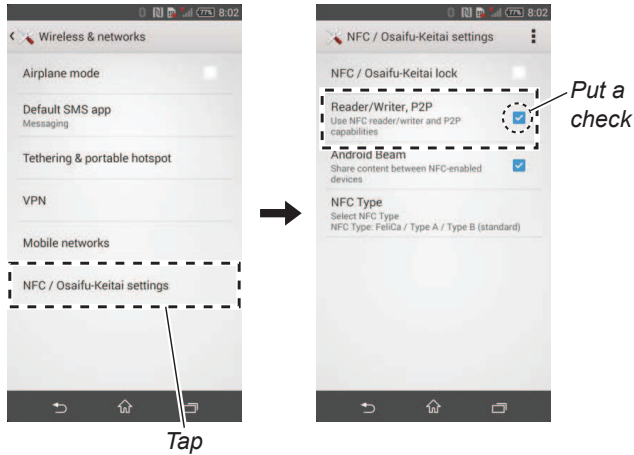
Please proceed to the “2-3-2. PC configuration setting” on page 18.

## 2. Writing the NFC Tag Data

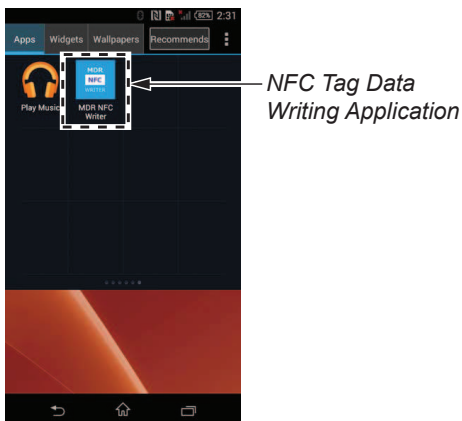
Write the NFC tag data (Bluetooth information) to the NFC module.

### Procedure:

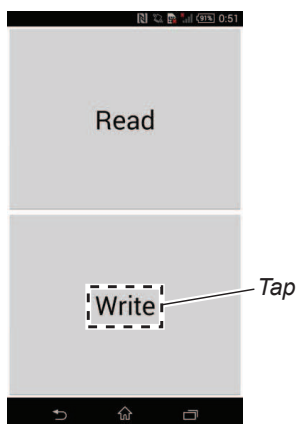
1. Prepare the Bluetooth address (BD\_ADDR) recorded in step 3 of “5. Replacement method of the charging case (BC-WFSP900)” on page 15.
2. Open the NFC setting from “Settings” on the smartphone screen and turn on the NFC function of the smartphone.  
(The figure below is a reference example)



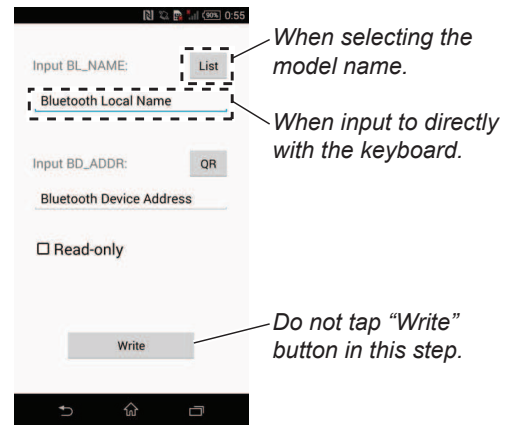
3. Start the NFC Tag Data Writing Application on the smartphone.  
(The figure below is a reference example)



4. Tap the “Write” button.

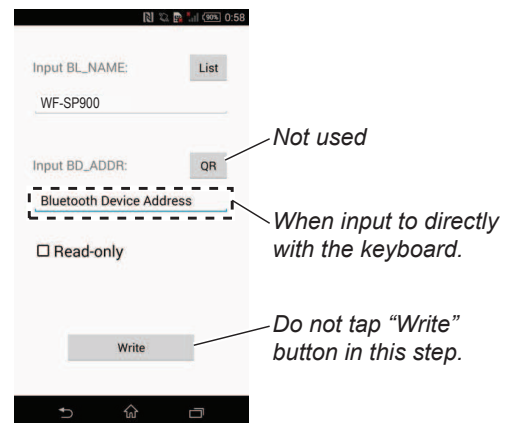


5. Tap the “List” button and select the model name of this unit, or tap the “Bluetooth Local Name” to input the model name with the keyboard on the smartphone.

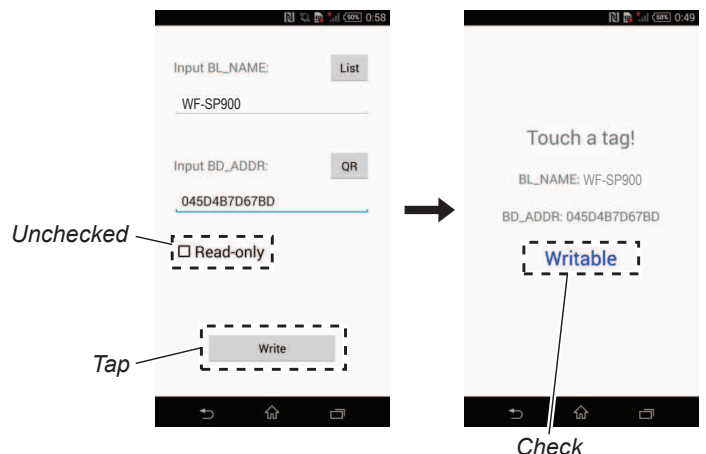


6. Tap the “Bluetooth Device Address” and input the Bluetooth address prepared in step 1 directly with the keyboard on the smartphone.

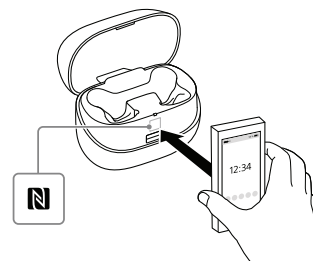
**Note 1:** In the case of this unit, “QR” button is not used.



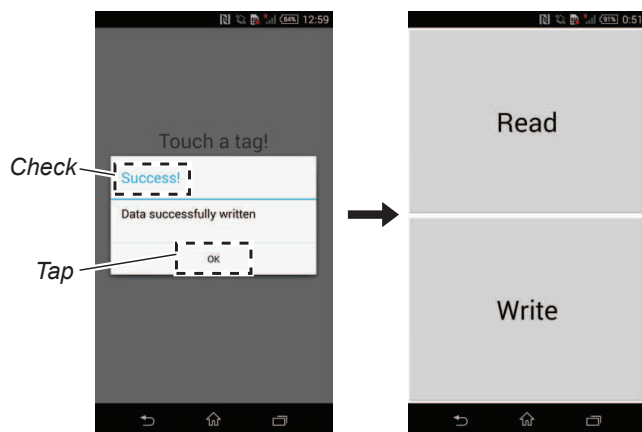
7. Check the “Read-only” checkbox is unchecked, and tap the “Write” button and check that “Writable” is displayed.



8. In the state of step 7, touch the N-mark part of the smartphone to the N-mark part of the BC-WFSP900 (charging case).

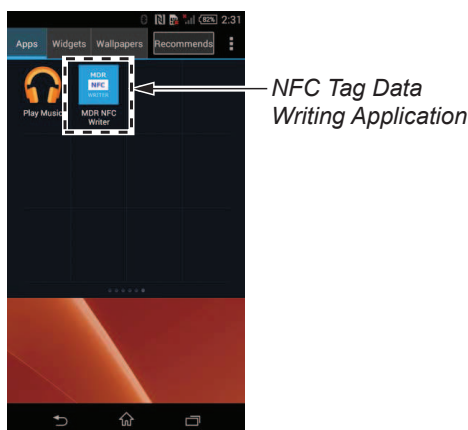


9. Check that “Success!” is displayed on the screen of the smartphone and tap “OK” button.

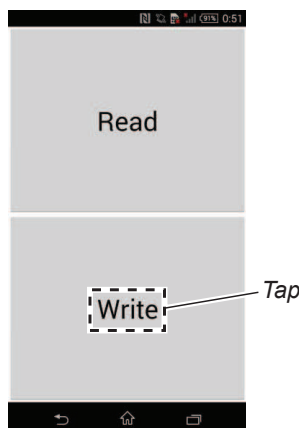


**Note 2:** When “Success!” is not displayed, refer to “3. Error Display” on page 20.

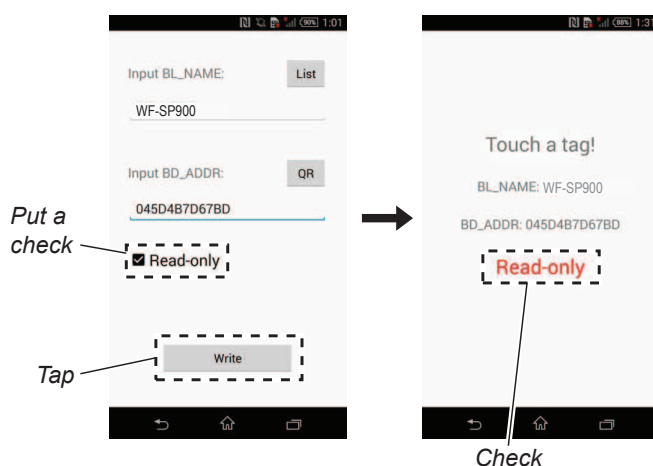
10. End the NFC Tag Data Writing Application.
11. Check the operation of connecting smartphone and this unit with NFC function.  
(Refer to “OPERATION CHECK OF THE NFC FUNCTION AFTER COMPLETING THE REPAIRS” on page 6)
12. Start again the NFC Tag Data Writing Application.  
(The figure below is a reference example)



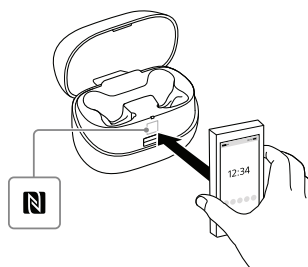
13. Tap the “Write” button.



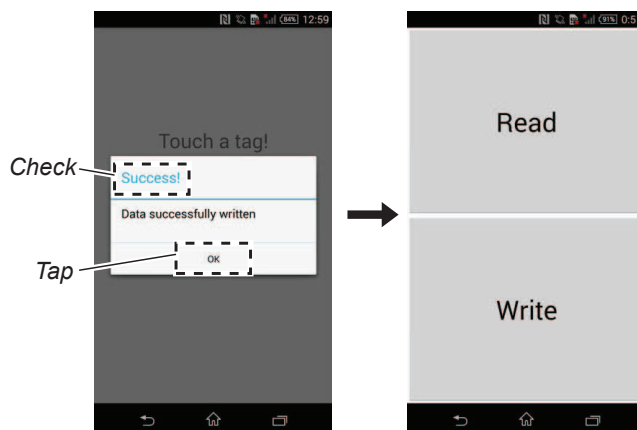
14. Check the “Read-only” checkbox is checked, and tap the “Write” button and check that “Read-only” is displayed.



15. In the state of step 14, touch the N-mark part of the smartphone to the N-mark part of the BC-WFSP900 (charging case).

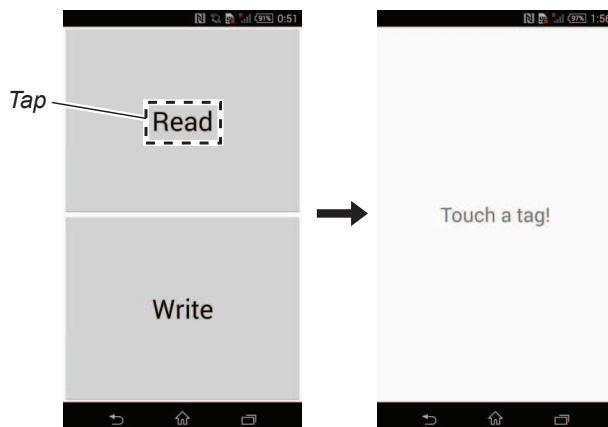


16. Check that “Success!” is displayed on the screen of the smartphone and tap “OK” button.



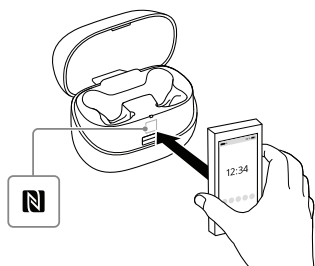
**Note 3:** When “Success!” is not displayed, refer to “3. Error Display” on page 20.

17. Tap the “Read” button.

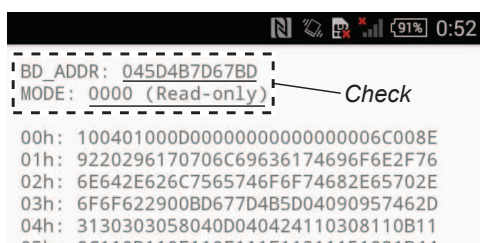




18. In the state of step 17, touch the N-mark part of the smartphone to the N-mark part of the BC-WFSP900 (charging case).



19. Check that “BD\_ADDR” displayed on the screen of the smartphone matches the Bluetooth address checked in step 1 and the “MODE” column is “0000 (Read-only)”.



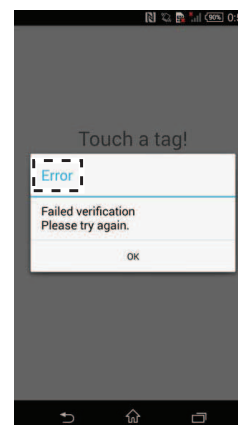
20. End the NFC Tag Data Writing Application.
21. Check the operation of connecting smartphone and this unit with NFC function.  
(Refer to “OPERATION CHECK OF THE NFC FUNCTION AFTER COMPLETING THE REPAIRS” on page 6)
22. Complete writing the NFC tag data.

Refer to the following as necessary.

- “3. Error Display” (in the right)
- “4. Check Method of the NFC Tag Data” (page 21)
- “5. The Factor that One Touch Connection (NFC function) is Impossible” (page 22)

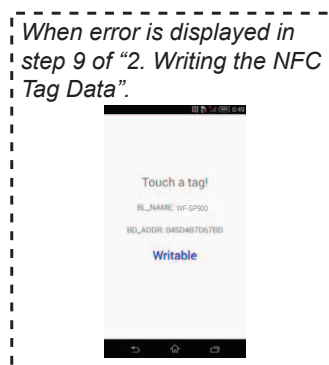
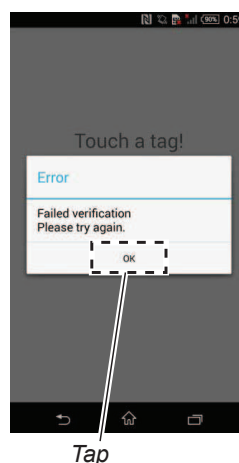
### 3. Error Display

When the writing of the NFC tag data has failed, “Error” is displayed on the screen of the smartphone.  
When “Error” is displayed, operate according to the procedure below.



#### Procedure:

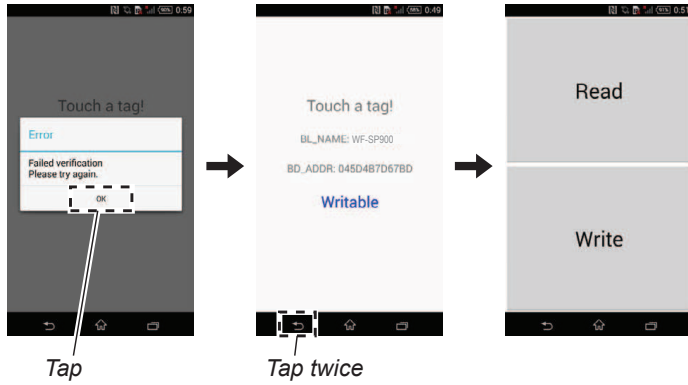
1. Tap “OK” button of “Error” display screen.



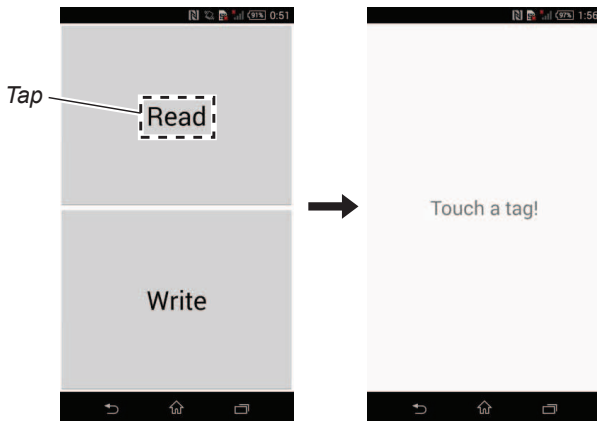
2. When error occurs in step 9 of “2. Writing the NFC Tag Data”, operate the procedure from step 8 again.  
When error occurs in step 16 of “2. Writing the NFC Tag Data”, operate the procedure from step 15 again.

– Continued on next page –

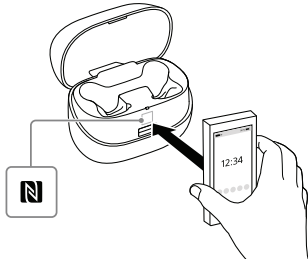
3. If “Error” is displayed again in step 9 or step 16 of “2. Writing the NFC Tag Data”, after tapping “OK” button on “Error” display screen, tap “↵” twice and return to the first screen.  
(The figure below is an example of an error case in step 9)



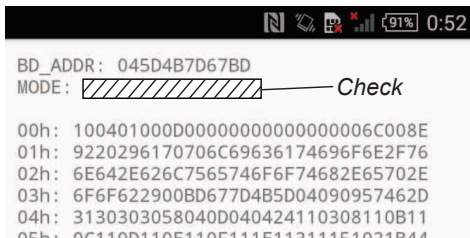
4. Tap the “Read” button.



5. In the state of step 4, touch the N-mark part of the smartphone to the N-mark part of the BC-WFSP900 (charging case).



6. Check that the “MODE” column is other than “0000 (Read-only)”.



- Note:** If “MODE” column is displayed as “0000 (Read-only)”, replace the new CRADLE NFC board and write the NFC tag data again.  
(If “MODE” column is displayed as “0000 (Read-only)”, NFC tag data can not be written)

#### 4. Check Method of the NFC Tag Data

If you want to check the NFC tag data of this unit after completing writing NFC tag data, check to the following procedure.

##### Preparation:

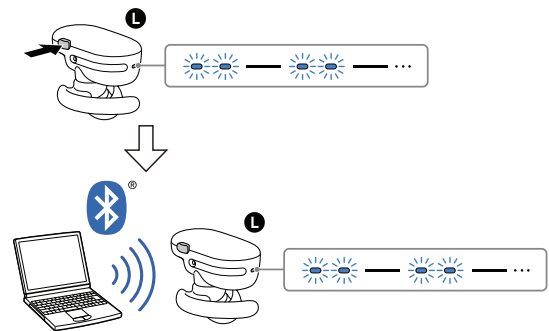
- Windows PC with Bluetooth function
- NFC compatible smartphone that installed the NFC Tag Data Writing Application

##### Procedure:

1. Press the button on the WF-SP900L (L-ch) for about 7 seconds until it change to blue flashing 2 times, it to the device registration (pairing) mode, and connect it to the PC with Bluetooth function.

**Note 1:** In order to check the Bluetooth address, it is necessary to connect the PC and the WF-SP900L (L-ch). It is also possible to display the Bluetooth address, by the Bluetooth connect to the walkman (NW-S series or NW-A series etc.) with Bluetooth function. In this example, describes how to display Bluetooth address using the PC.

**Note 2:** For the Bluetooth connection method of the PC, refer to the manual of the PC to be used.



2. Display information of this unit on the PC screen. Then open the property, display the Bluetooth address of this unit.

**Note 3:** The figure below is a reference example. In the Windows 8.1, open the “Control Panel → Device and Printers” in this order, right click the icon showing the model name (WF-SP900) of this unit and open its properties.

**Note 4:** Check the device name carefully so as not to confuse Bluetooth address with other devices.

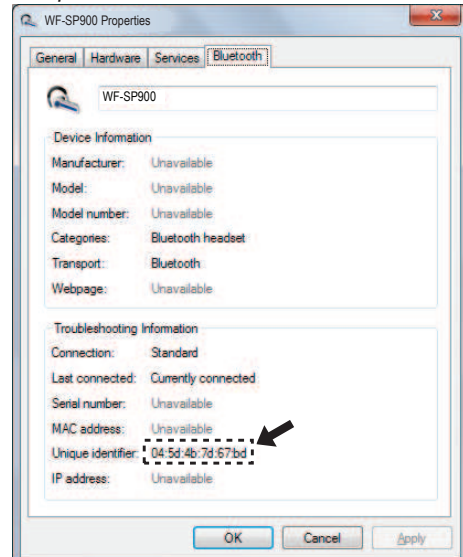
**Note 5:** The display method of Bluetooth address may be different depending on Windows OS.

“Device and Printers” screen on PC



Right click and select the “Properties”.

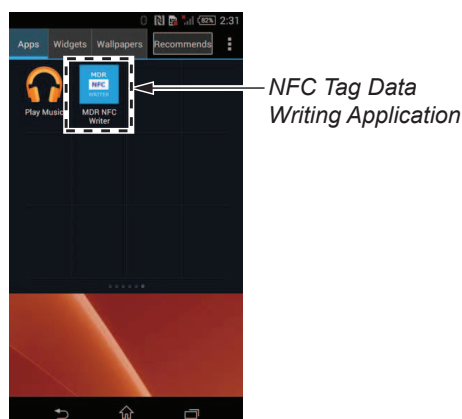
“Properties” screen



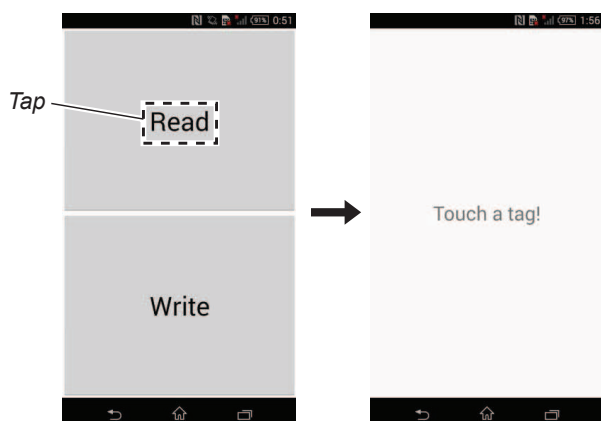
- Open the NFC setting from “Settings” on the smartphone screen and turn on the NFC function of the smartphone.  
(The figure below is an example)



- Start the NFC Tag Data Writing Application on the smartphone.  
(The figure below is a reference example)

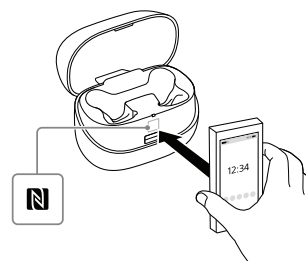


- Tap the “Read” button.

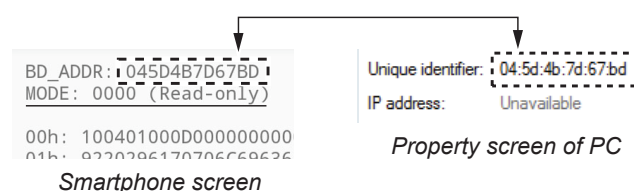


– Continued on the upper right –

- In the state of step 5, touch the N-mark part of the smartphone to the N-mark part of the BC-WFSP900 (charging case).



- Check that the alphanumeric characters of “BD\_ADDR” displayed on the screen of the smartphone matches the Bluetooth address displayed on the PC in step 2.  
In addition, if “0000 (Read-only)” is displayed in the “MODE” column of the screen of the smartphone, NFC tag data has been written without any problem and can not be changed.



- Select the device displayed on the PC, right click and select “Remove device” from the menu and delete the device.

**Note 6:** When another WF-SP900 is connected to the PC by Bluetooth connection, a new device (WF-SP900) will be added.

Be careful that if there are plural devices (WF-SP900), you may erroneously reference and write the Bluetooth address of another WF-SP900.

- End the NFC Tag Data Writing Application on the smartphone.  
Also, end the property screen of the PC, and the check of the NFC tag data is completed.