

# Bluetooth User's Guide (Console Application)

Version 1.4.0

## Display Audio

Solution Team



## Release information

The following changes have been made to this document.

### Change History

Date	Change
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## Chap 1. Overview

### 1.1 Introduce

This document describes function scenario of the NXBT class APIs.

### 1.2 Application

It provides a simple console application to test the NXBT class APIs.

#### 1.2.1 NxBTServiceConsole

```
=====
NXBT version : v1.4.0
=====
```

```
NXBT profile service main menu :
```

```
[MGT]=====
0          => Read BSA server and FW version
1          => Get local BT information
2          => Set local BT name
3          => Get paired device list
4          => Enable auto-connection mode
5          => Disable auto-connection mode
6          => Enable auto-pairing mode
7          => Disable auto-pairing mode
8          => Accept pairing
9          => Reject pairing
10         => Request repair to paired device
11         => Unpair the device
12         => Set discoverable
13         => Clear discoverable
14         => Start discovery
15         => Stop discovery
16         => Get discovered device list
17         => Bond discovered device
18         => Cancel the bonding of the device being bonded
```

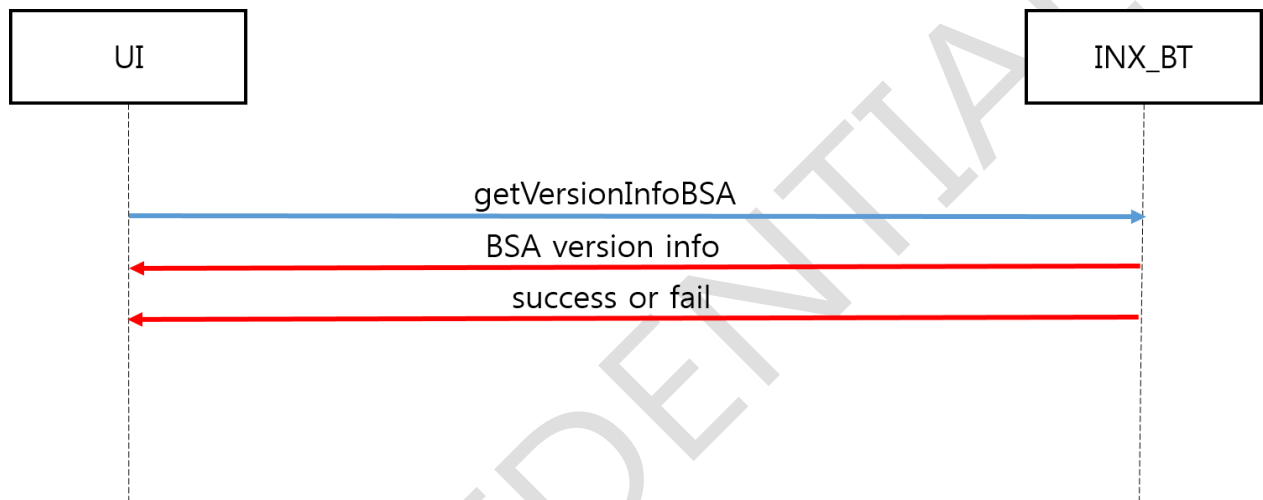
[AVK]=====	
19	=> AVK connection
20	=> AVK disconnection
21	=> Get number of the AVK connection
22	=> Get AVK connected device address
23	=> Get latest AVK connected device index
24	=> Start play
25	=> Stop play
26	=> Pause play
27	=> Next play
28	=> Prev play
29	=> Equalizer off
30	=> Equalizer on
31	=> Repeat off
32	=> Repeat single
33	=> Repeat all
34	=> Repeat group
35	=> Shuffle off
36	=> Shuffle all
37	=> Shuffle group
38	=> Scan off
39	=> Scan all
40	=> Scan group
41	=> Request player values
42	=> Open AVK audio
43	=> Close AVK audio
44	=> Get media elements
[HS]=====	
45	=> HS connection
46	=> HS disconnection
47	=> Get HS connected device address
48	=> Get latest HS connected device index
49	=> Pickup the call
50	=> Hangup the call
51	=> Open HS audio
52	=> Close HS audio
53	=> Mute microphone

```
54          => Unmute microphone
55          => Dial a phone number
56          => Redial a phone number
57          => Send DTMF AT command
58          => Request call indicator
59          => Request call operator name
60          => Request current calls
61          => Request my phone call number
62          => Get battery charging status value
63          => Start voice recognition
64          => Stop voice recognition
[PBC]=====
65          => PBC connection
66          => PBC disconnection
67          => PBC abort
68          => Import contacts
69          => Import call history
[MCE]=====
70          => MCE connection
71          => MCE disconnection
72          => Start MCE notification server
73          => Stop MCE notification server
74          => Get message
=====
99          => Quit
=====
Select menu =>
```

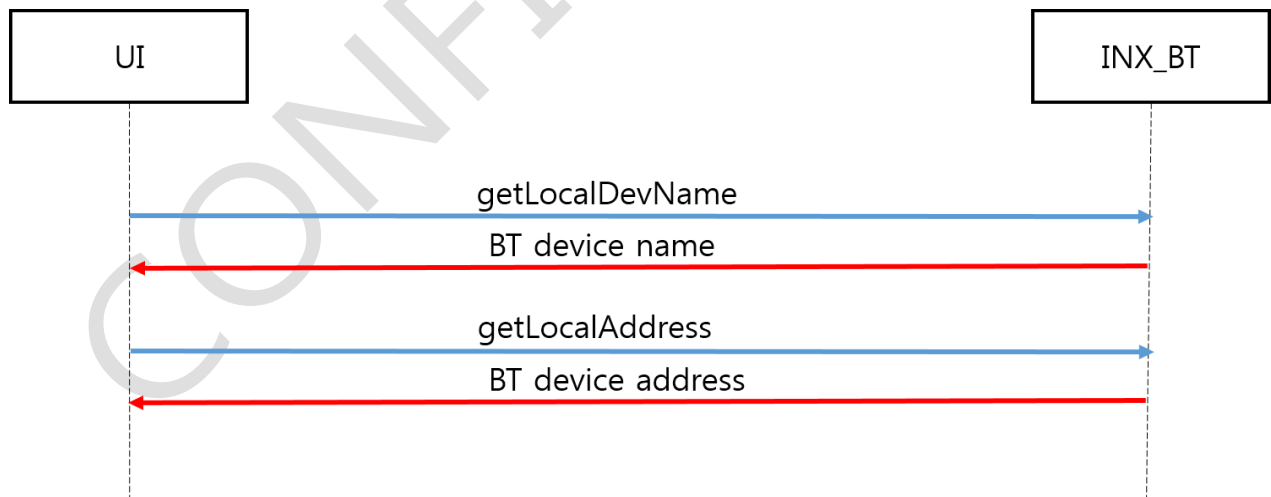
## Chap 2. Function scenarios

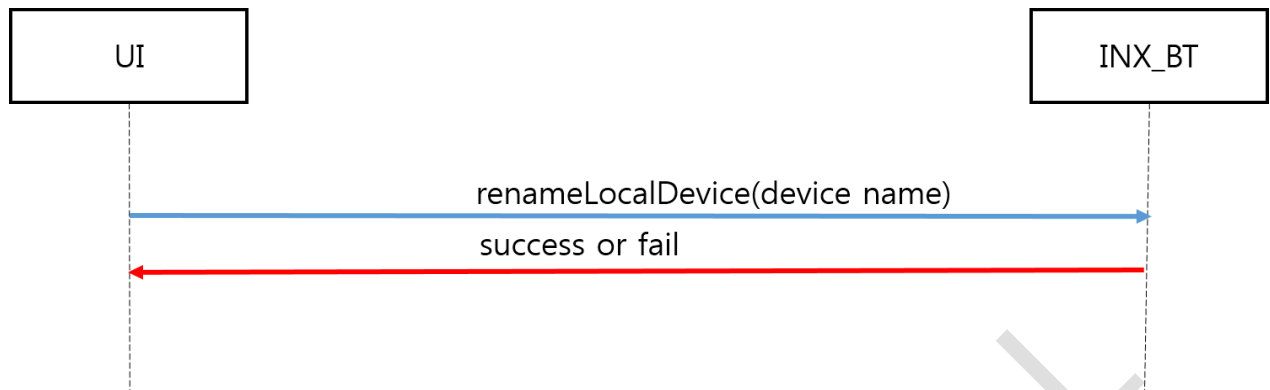
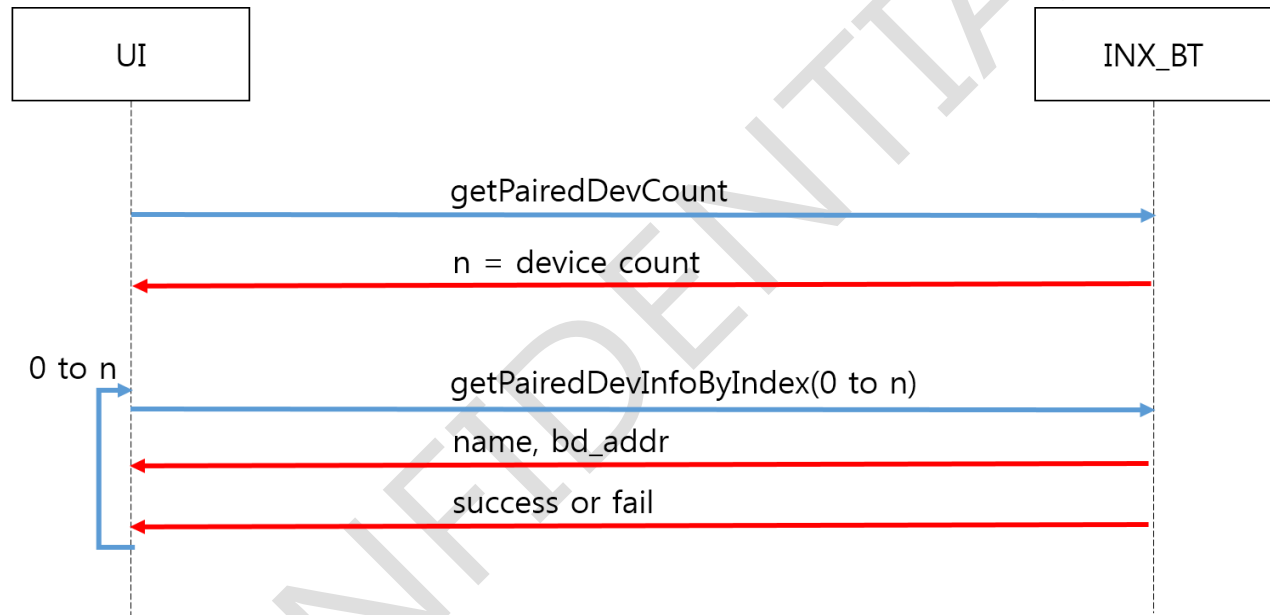
### 2.1 MGT functions (Manager)

#### 2.1.1 Read BSA server and FW version



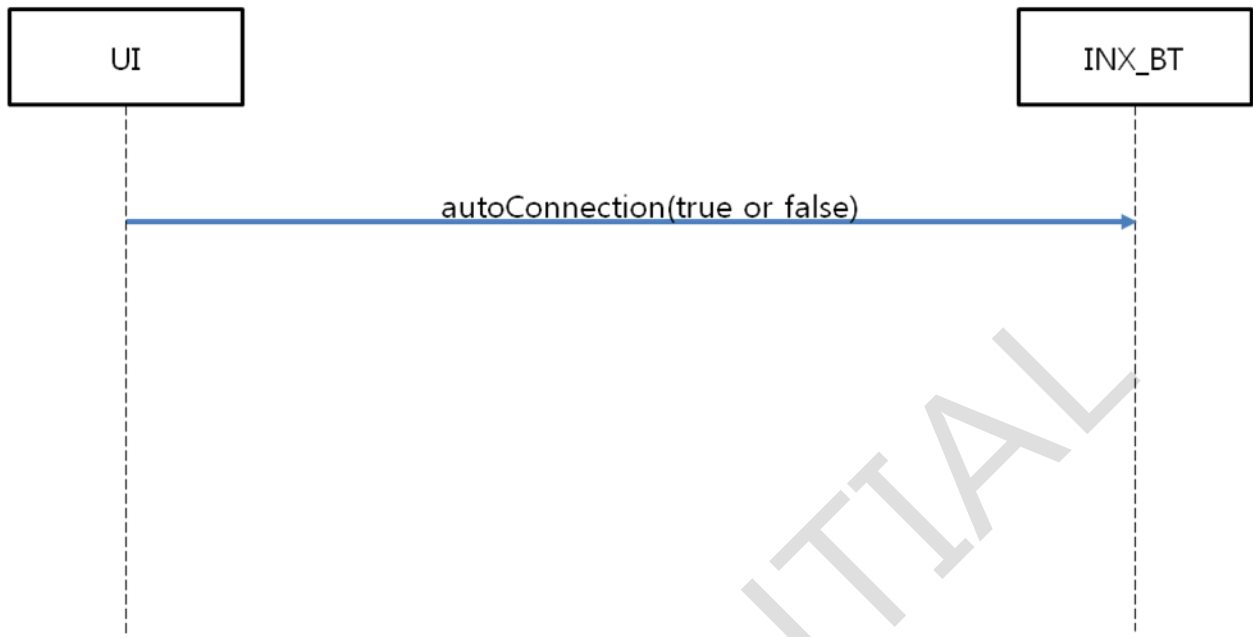
#### 2.1.2 Get local BT information



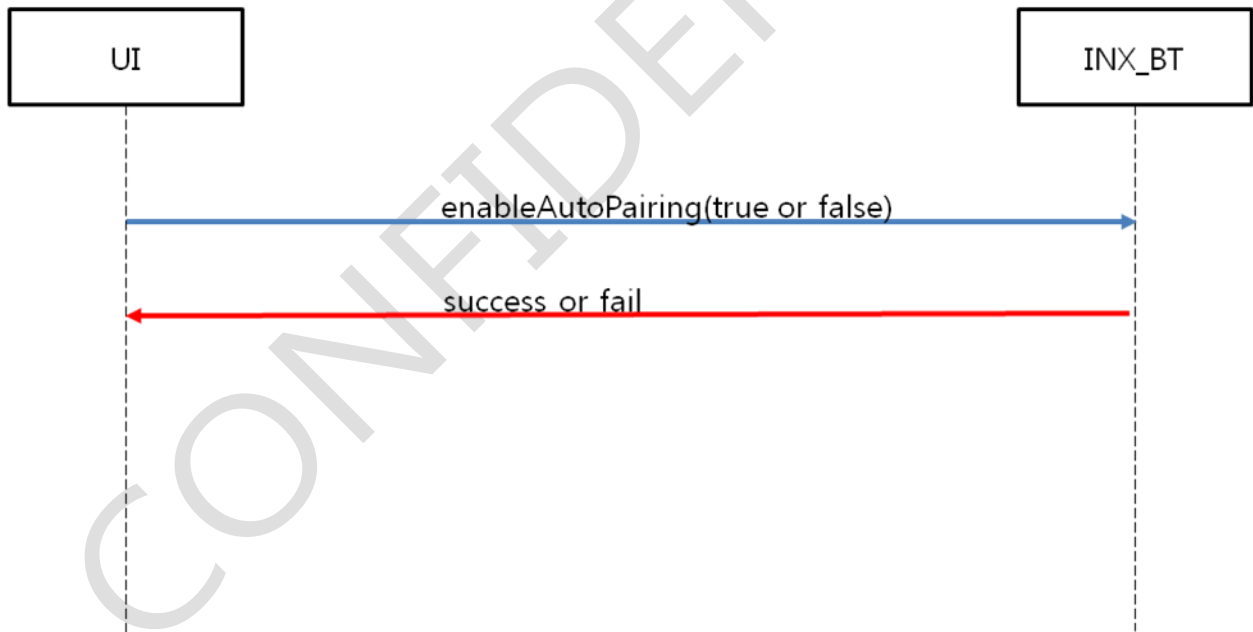
**2.1.3 Set local BT name****2.1.4 Get paired device list**



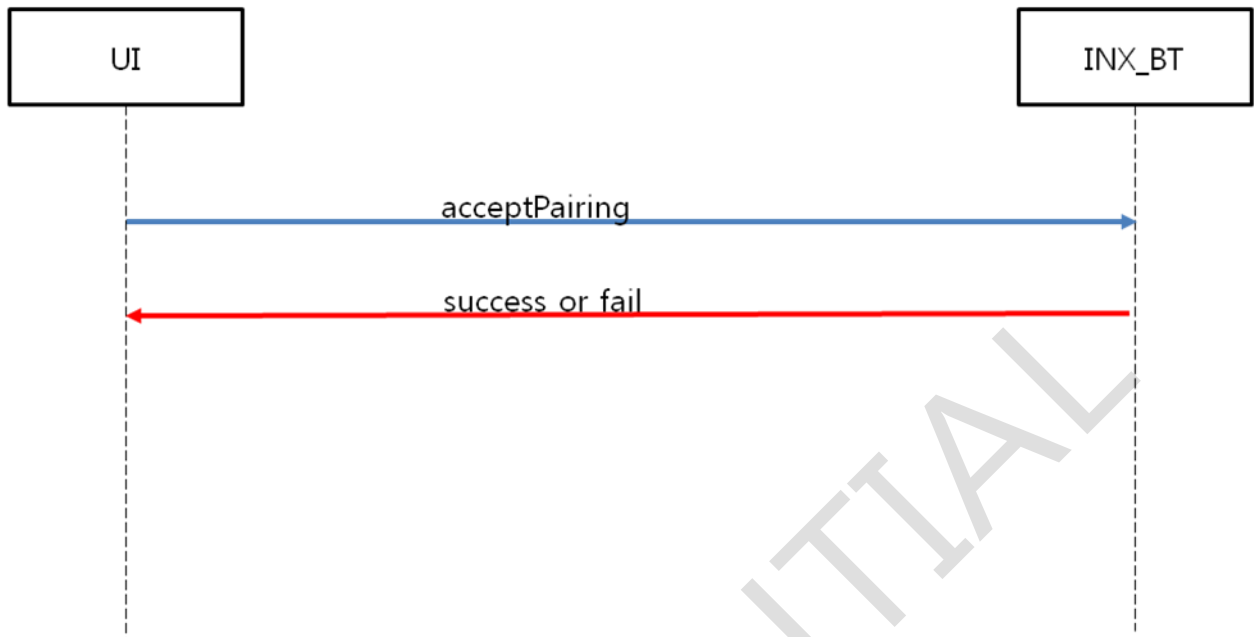
### 2.1.5 Enable/Disable auto-connection mode



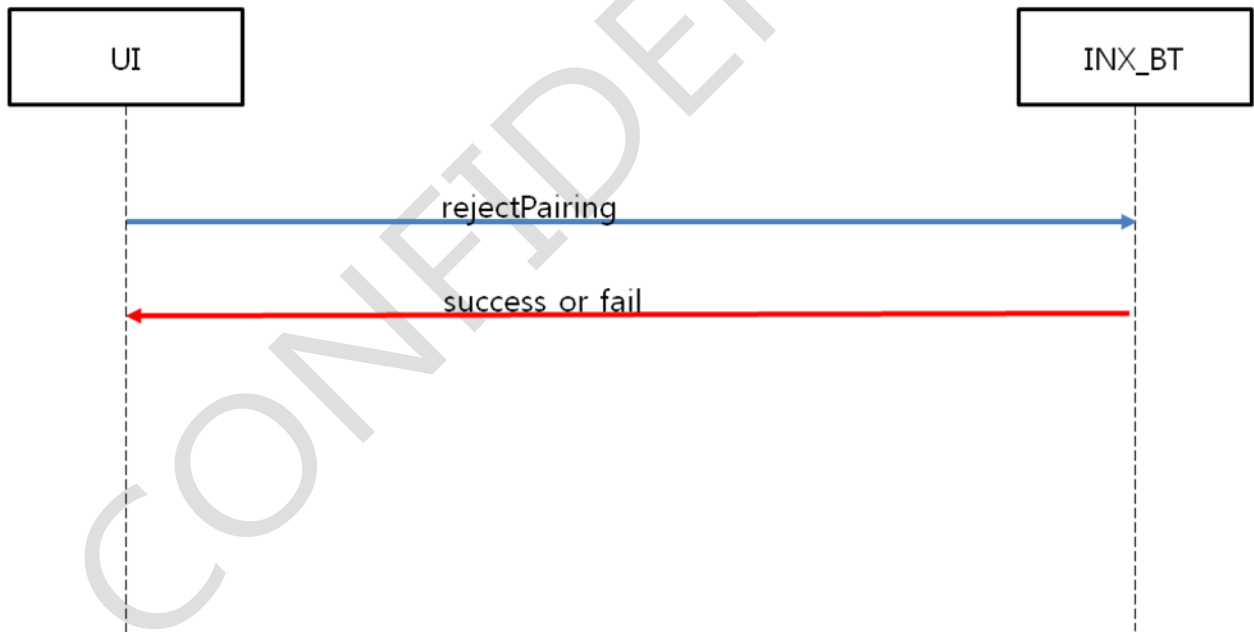
### 2.1.6 Enable/Disable auto-pairing mode



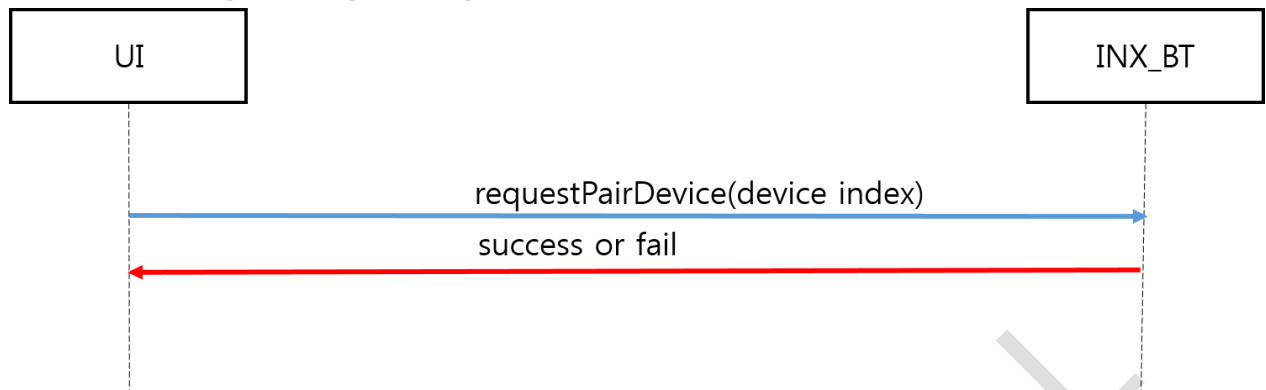
### 2.1.7 Accept pairing



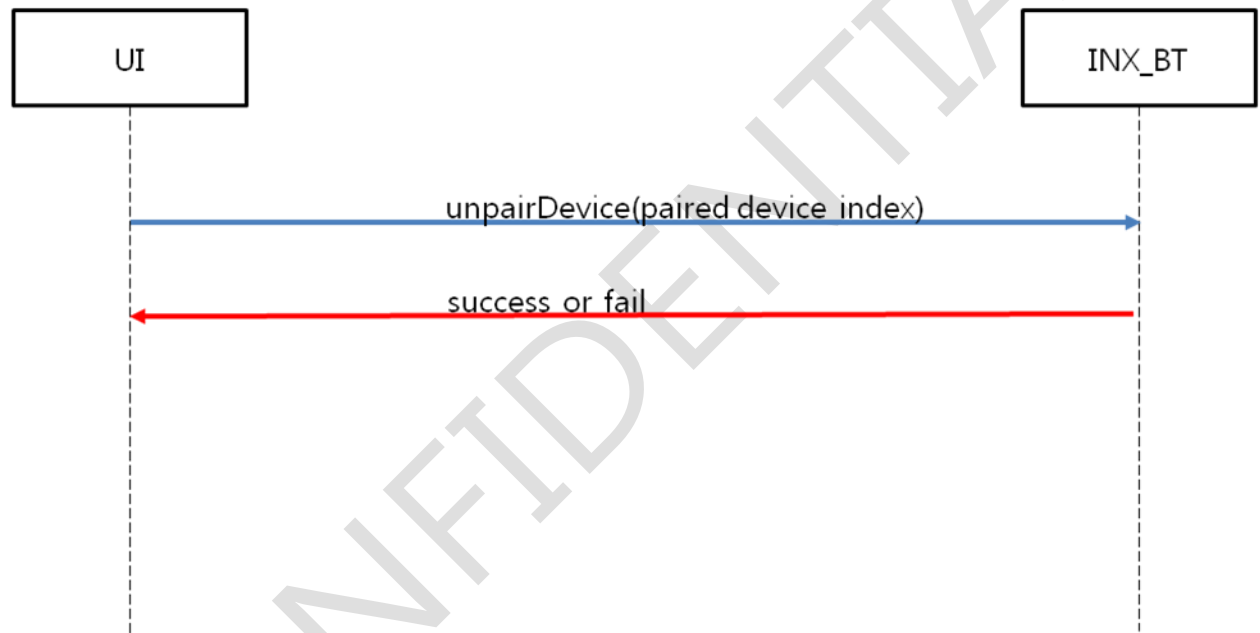
### 2.1.8 Reject pairing



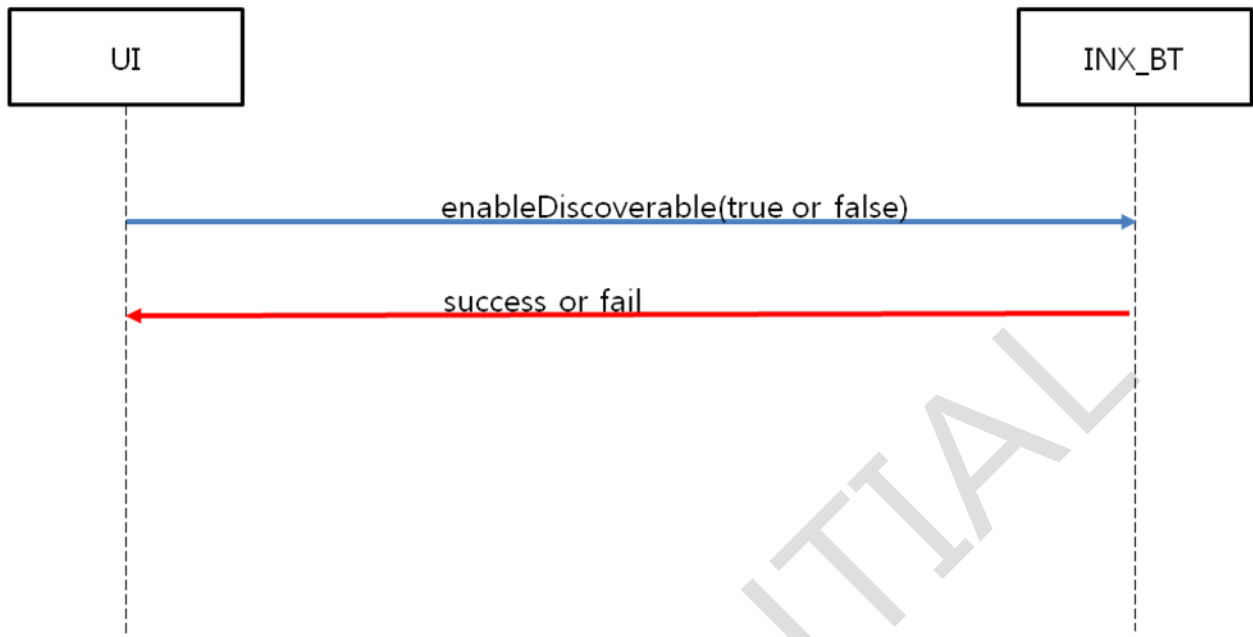
### 2.1.9 Request repair to paired device



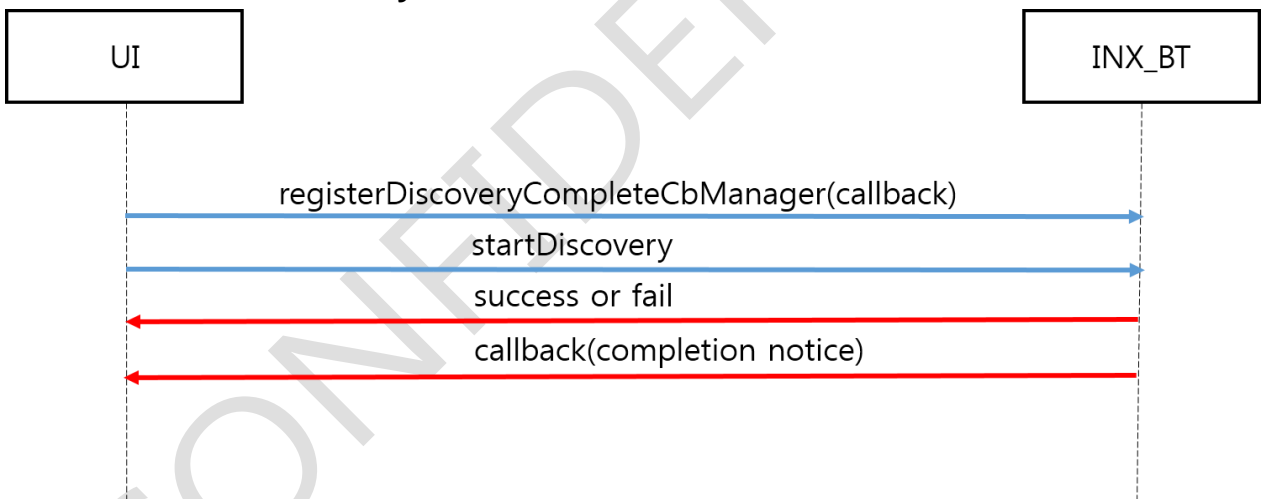
### 2.1.10 Unpair the device

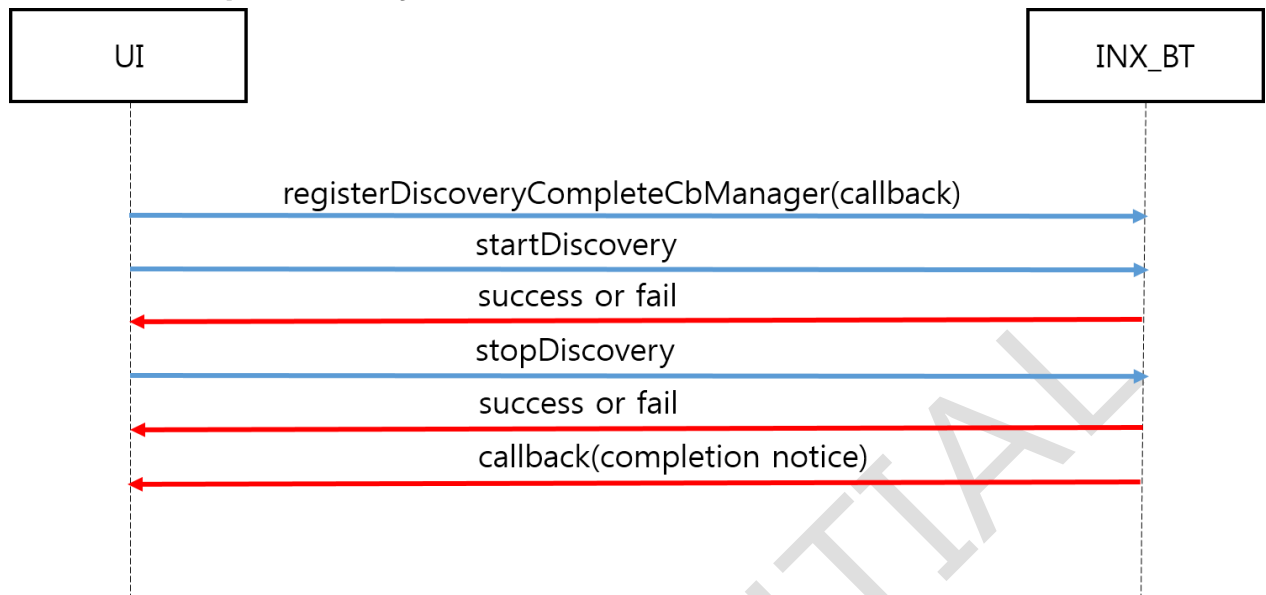
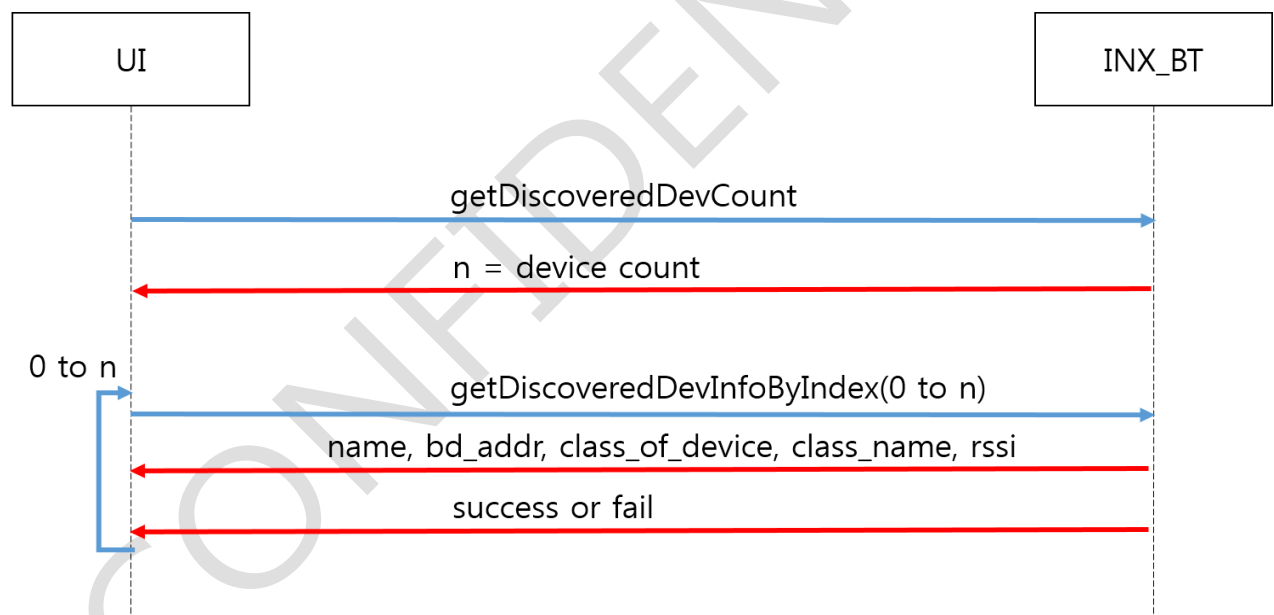
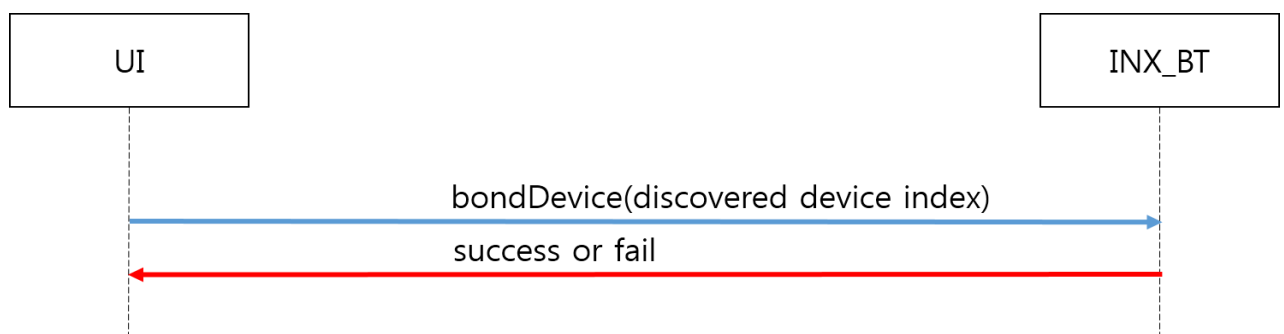


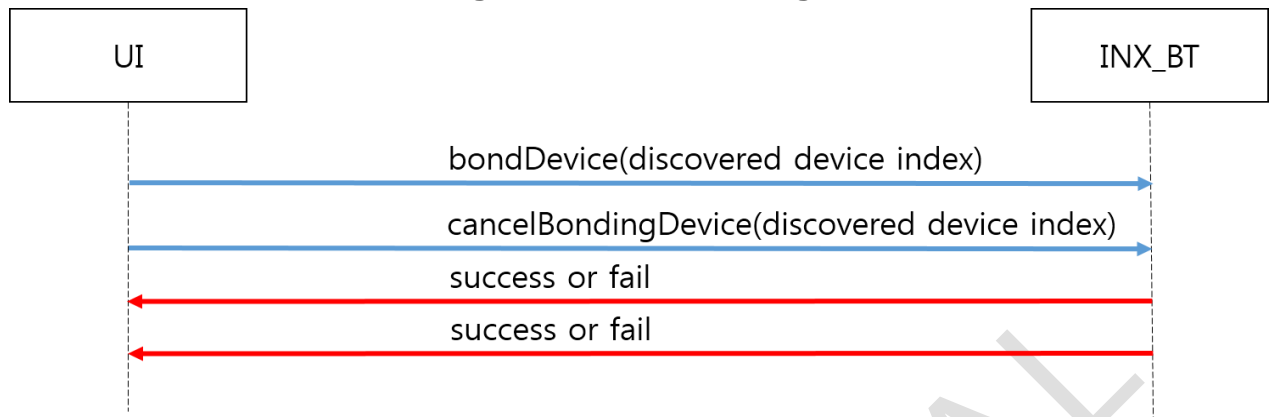
### 2.1.11 Set/Clear discoverable



### 2.1.12 Start discovery

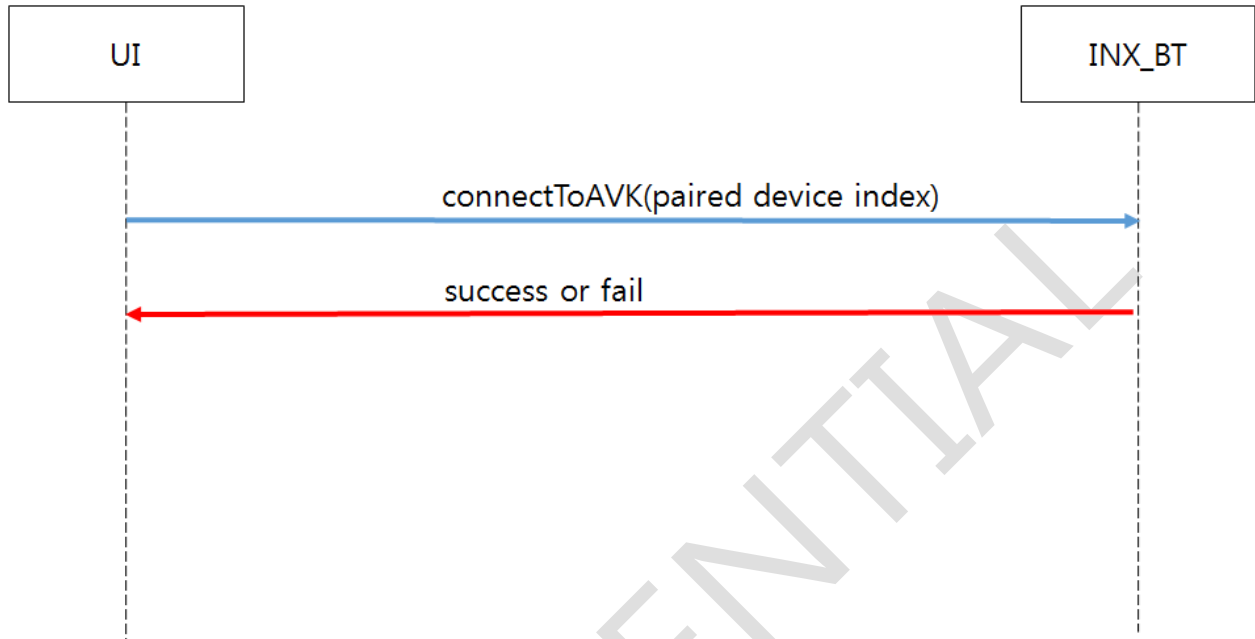


**2.1.13 Stop discovery****2.1.14 Get discovered device list****2.1.15 Bond discovered device**

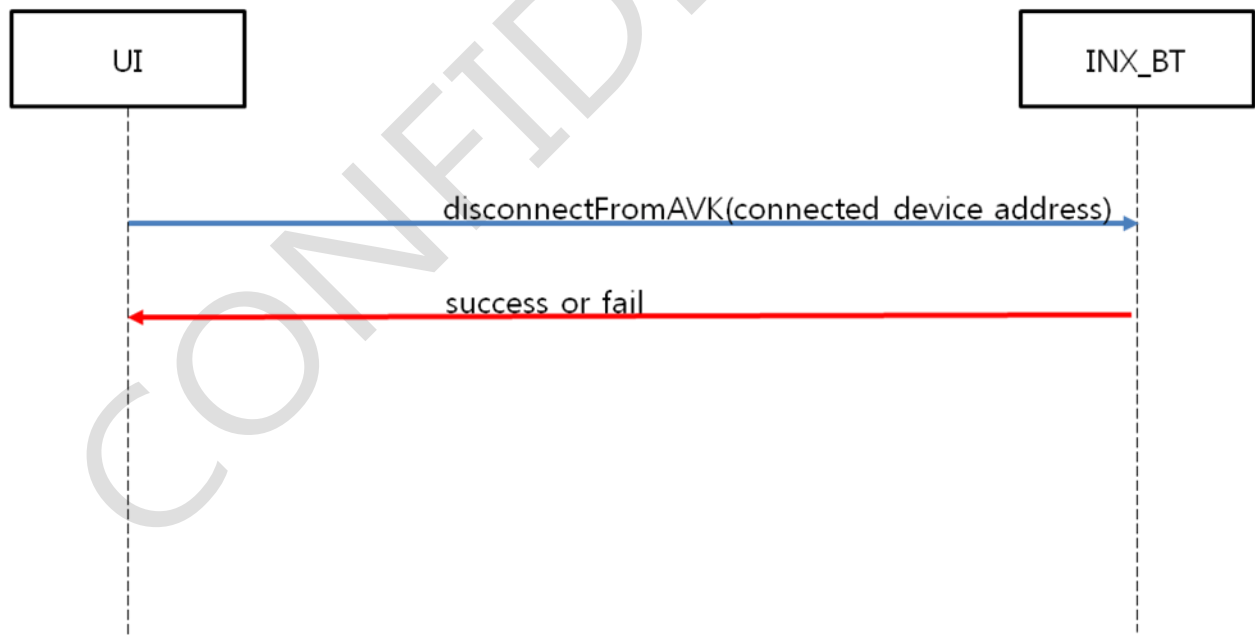
**2.1.16 Cancel the bonding of the device being bonded**

## 2.2 AVK functions (A2DP, AVRCP)

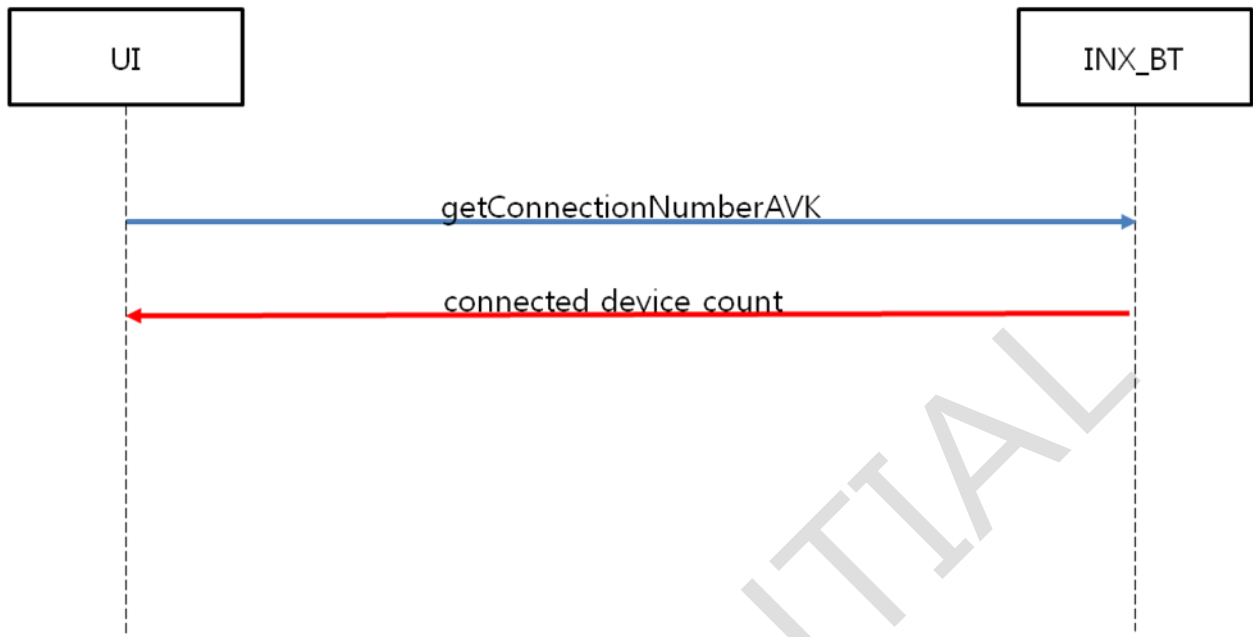
### 2.2.1 AVK connection



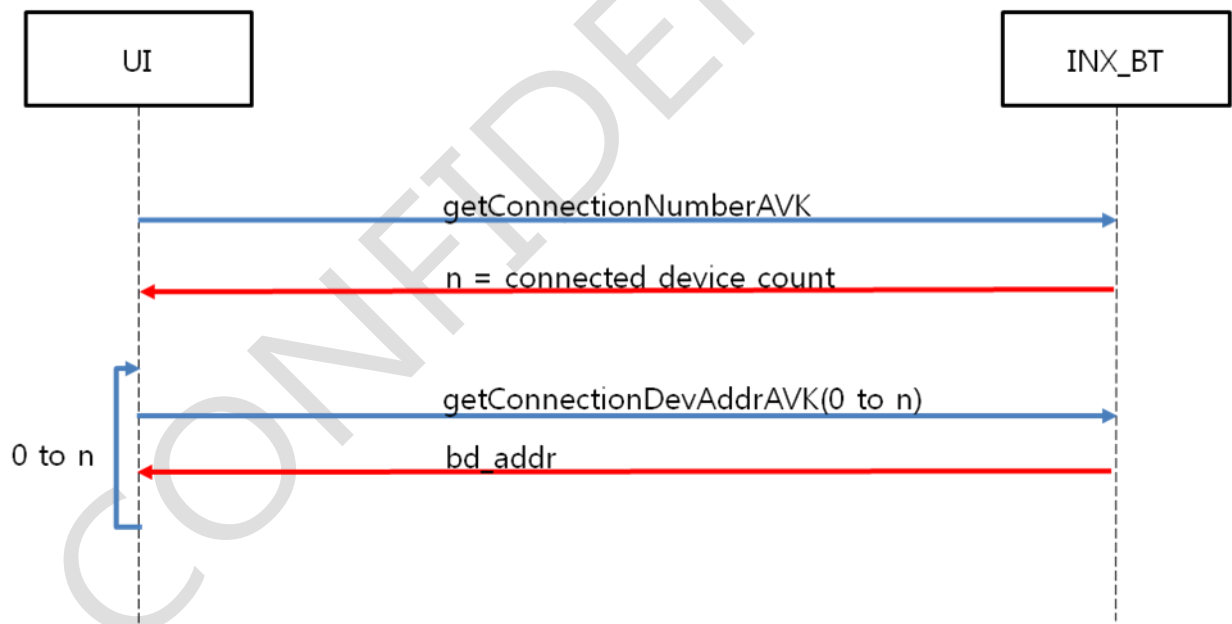
### 2.2.2 AVK disconnection



### 2.2.3 Get number of the AVK connections

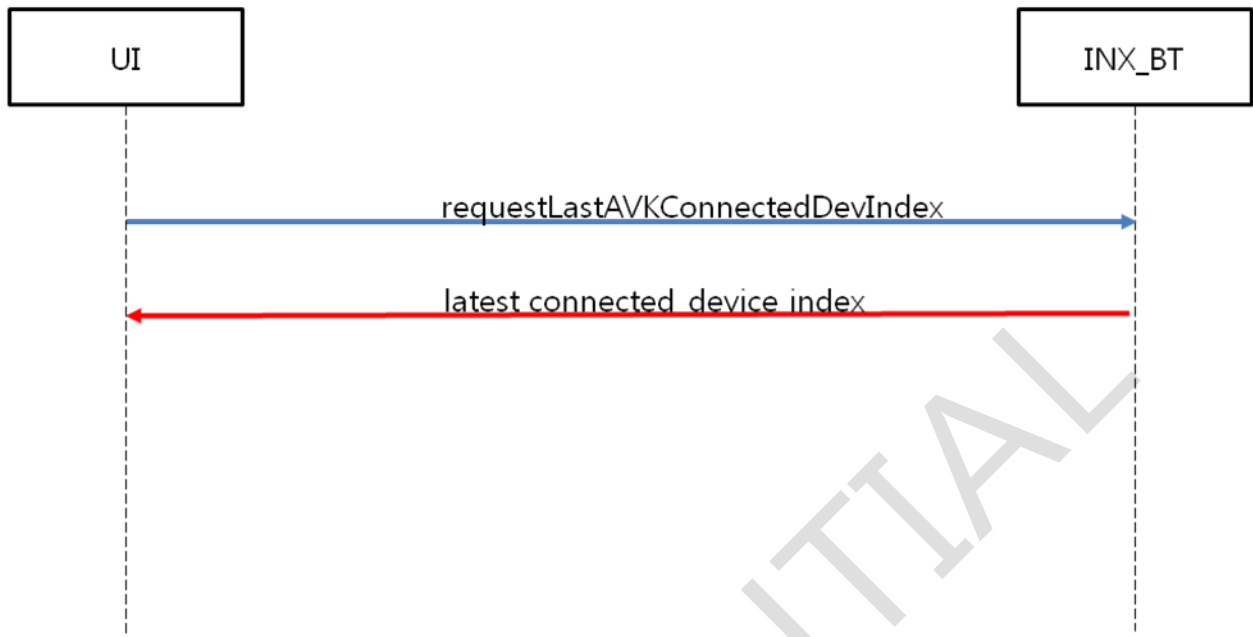


### 2.2.4 Get AVK connected device address

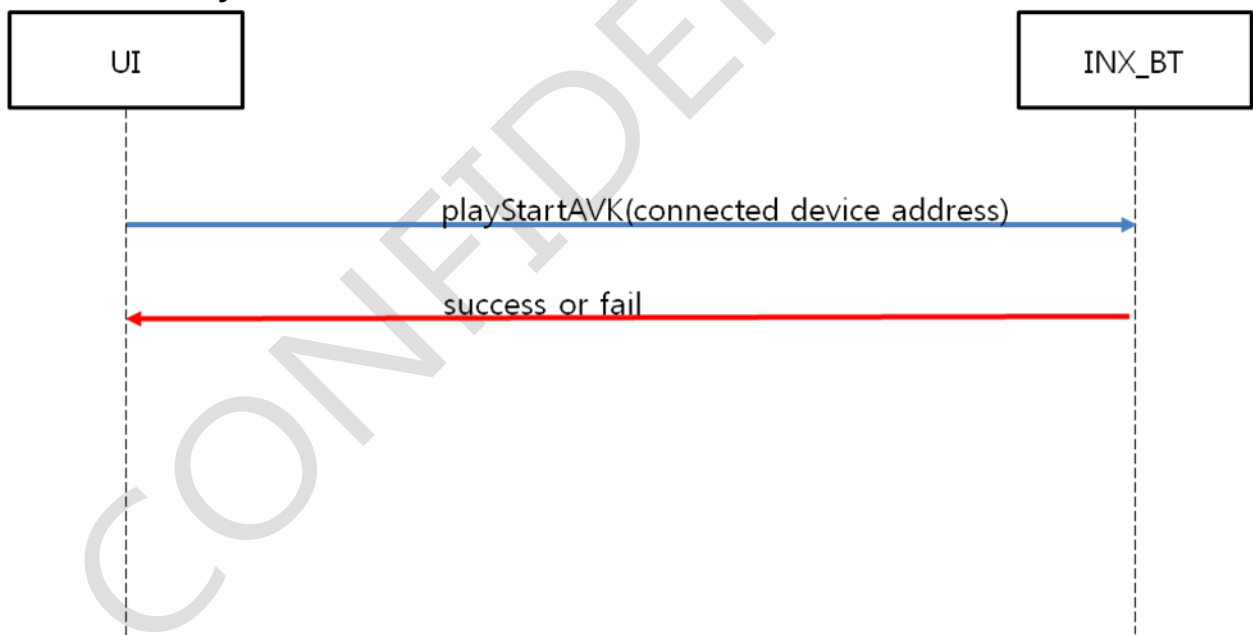




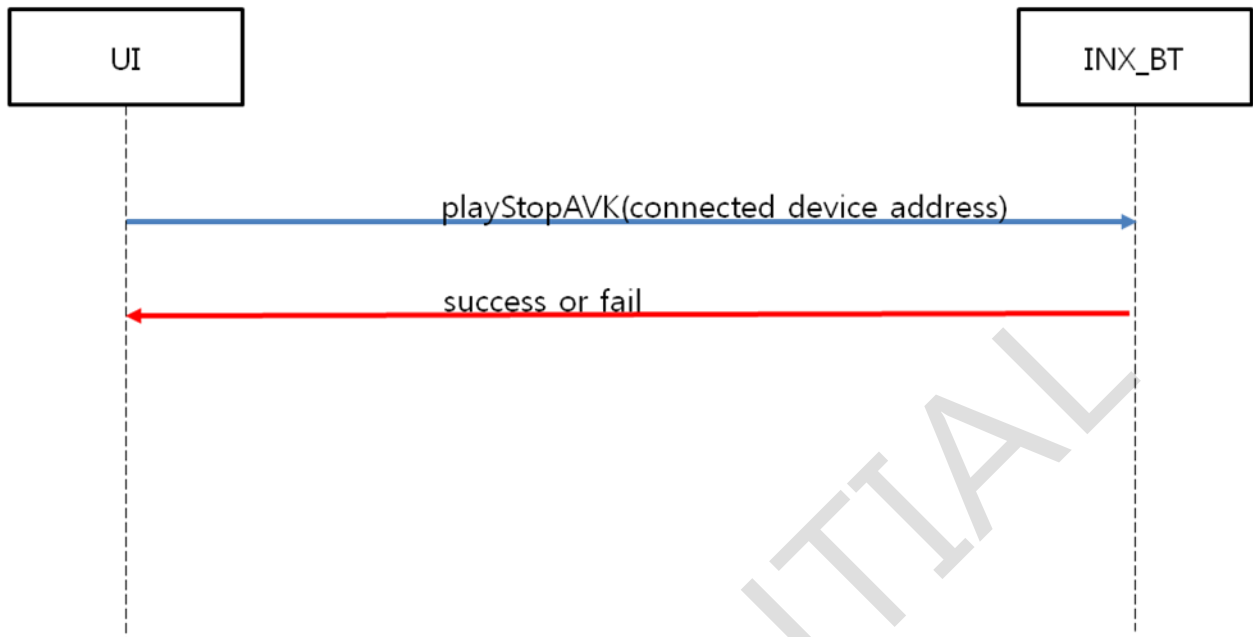
### 2.2.5 Get AVK latest connected device index



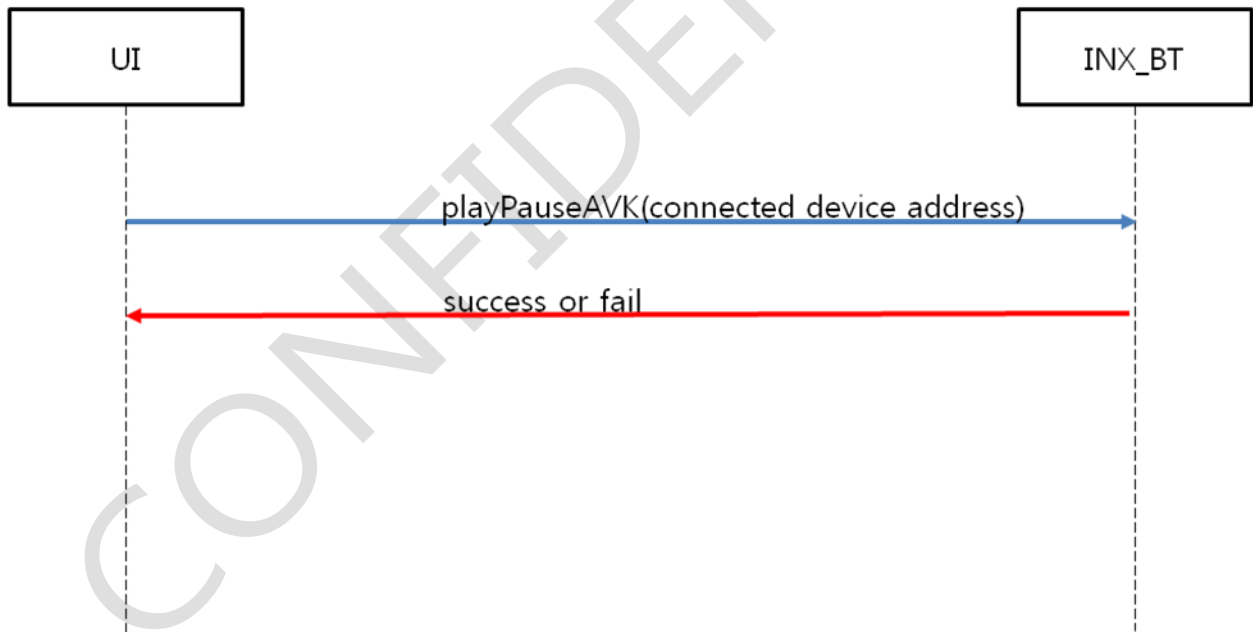
### 2.2.6 Play start



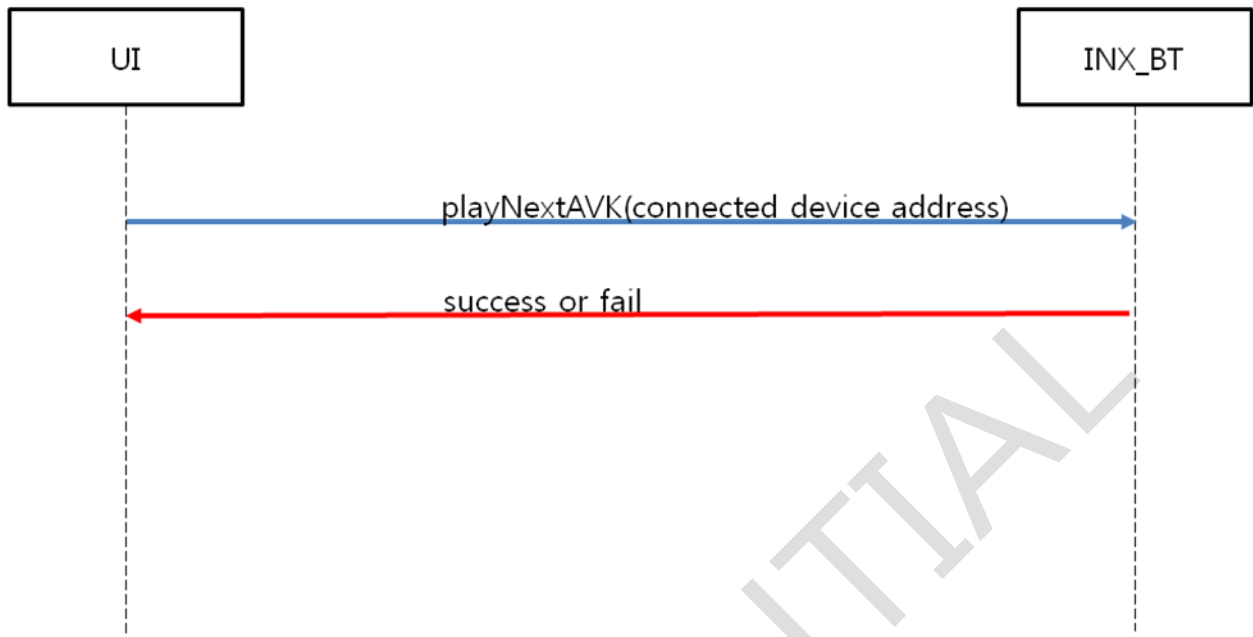
### 2.2.7 Play stop



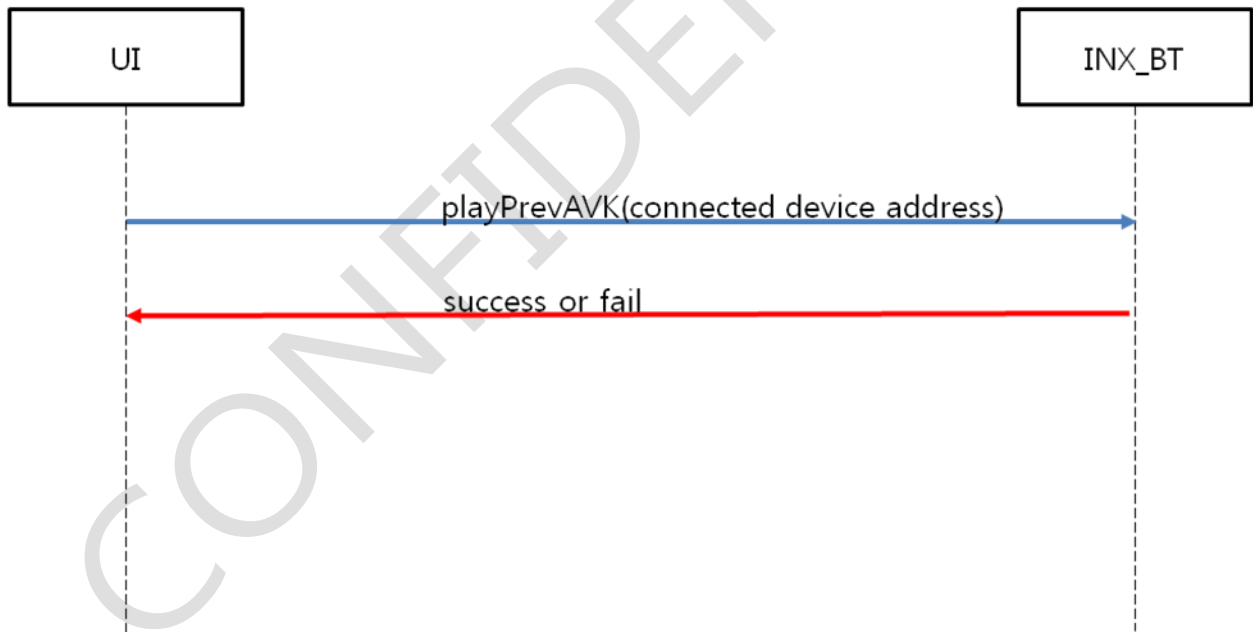
### 2.2.8 Play pause

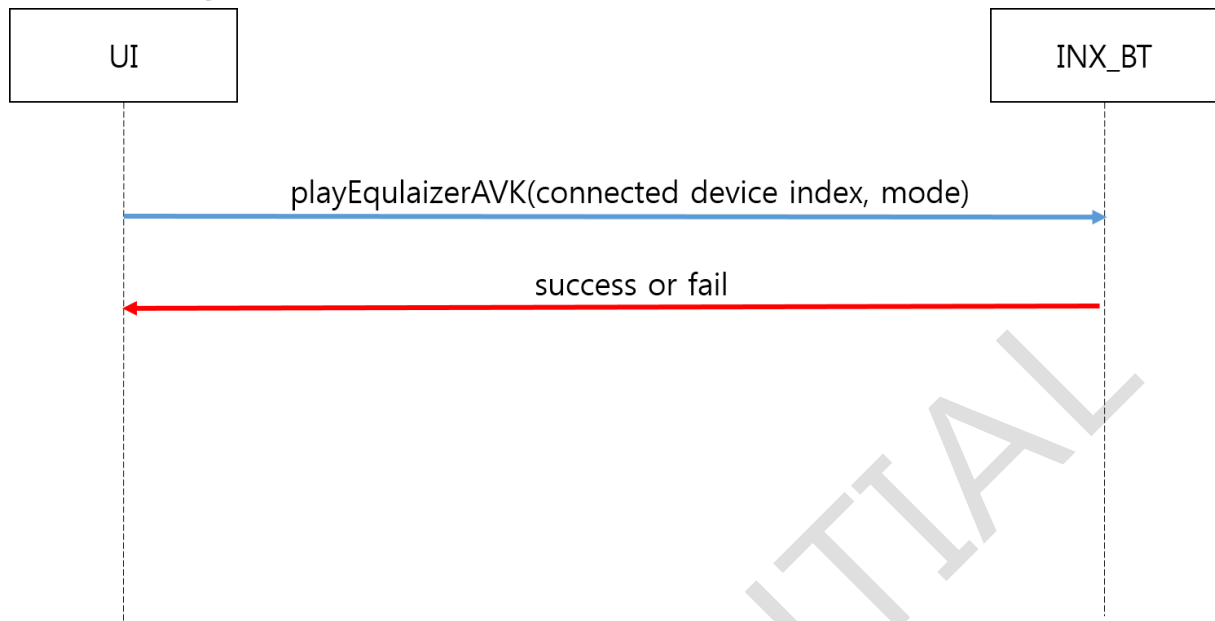
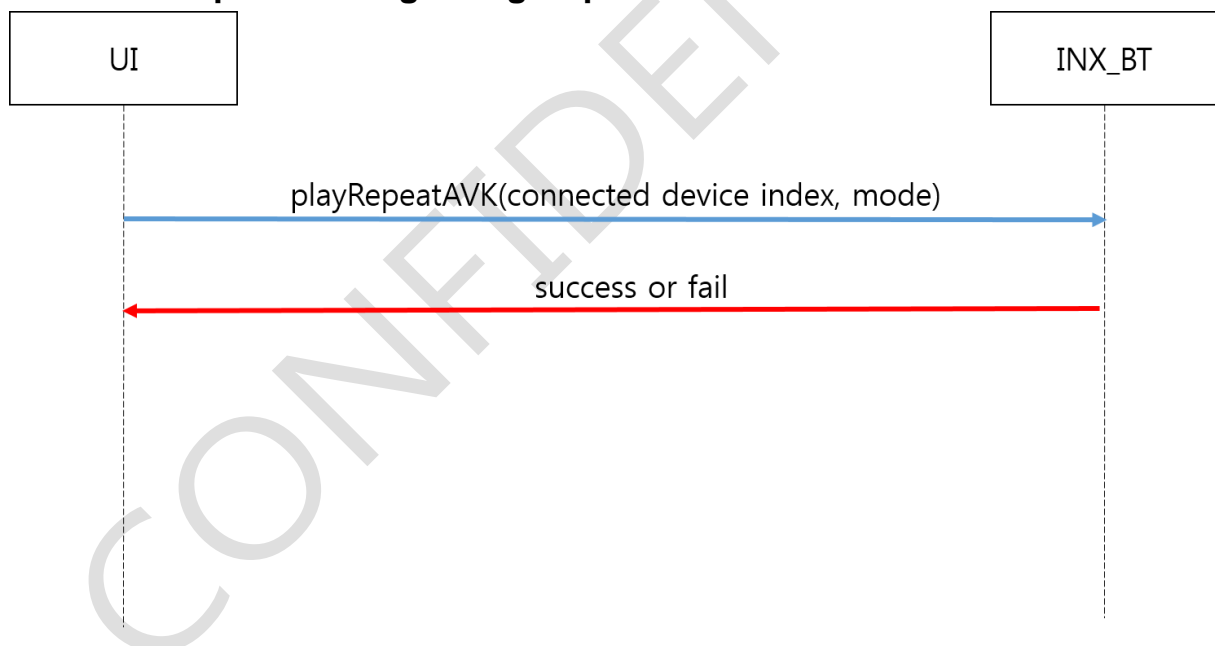


### 2.2.9 Play next

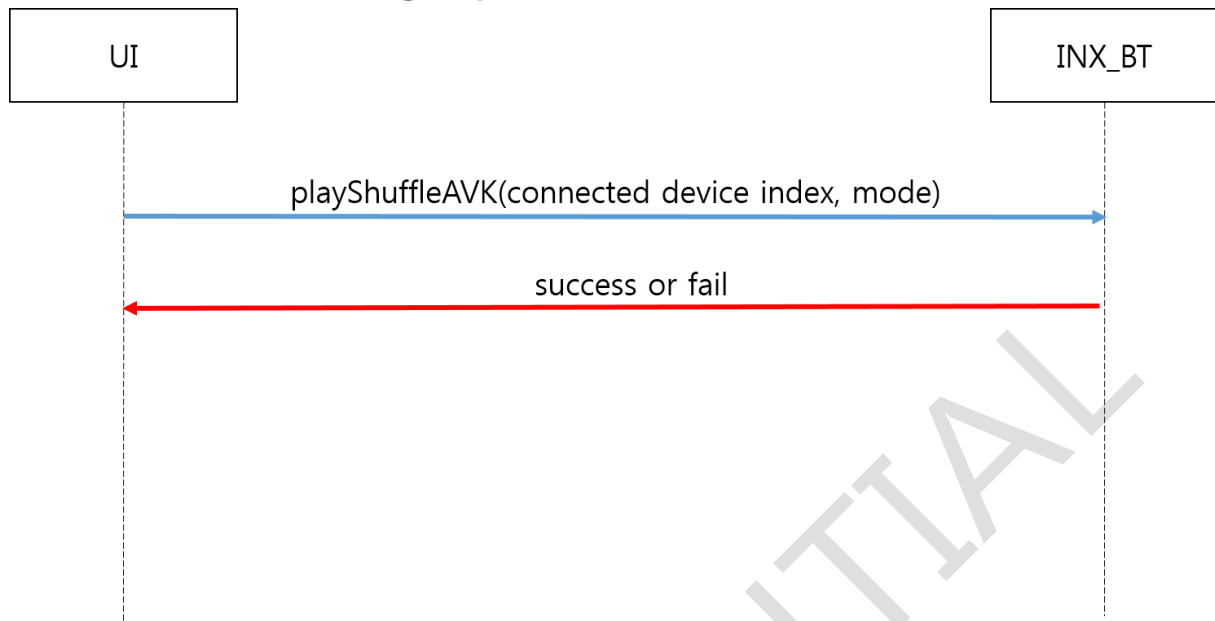


### 2.2.10 Play prev

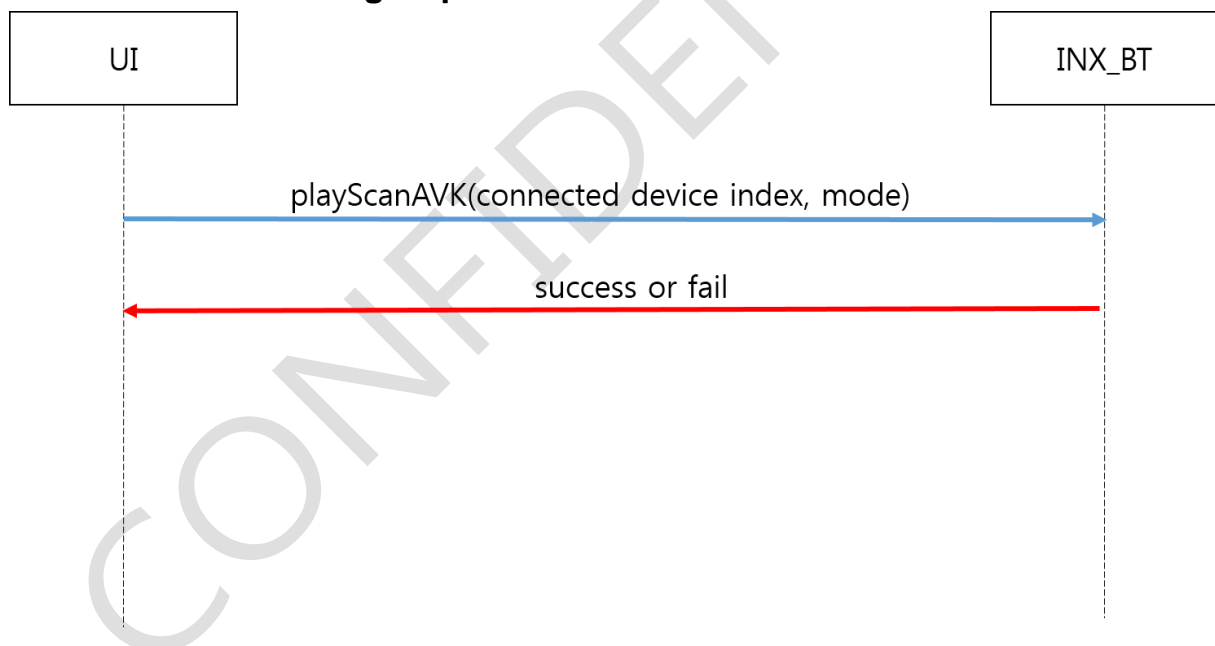


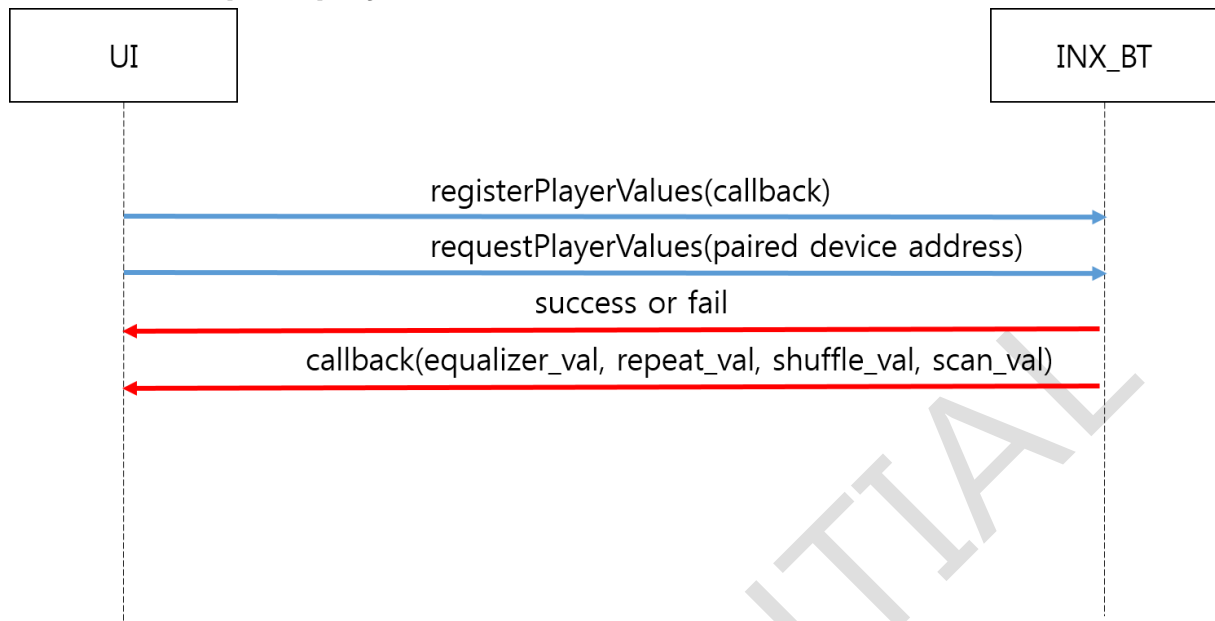
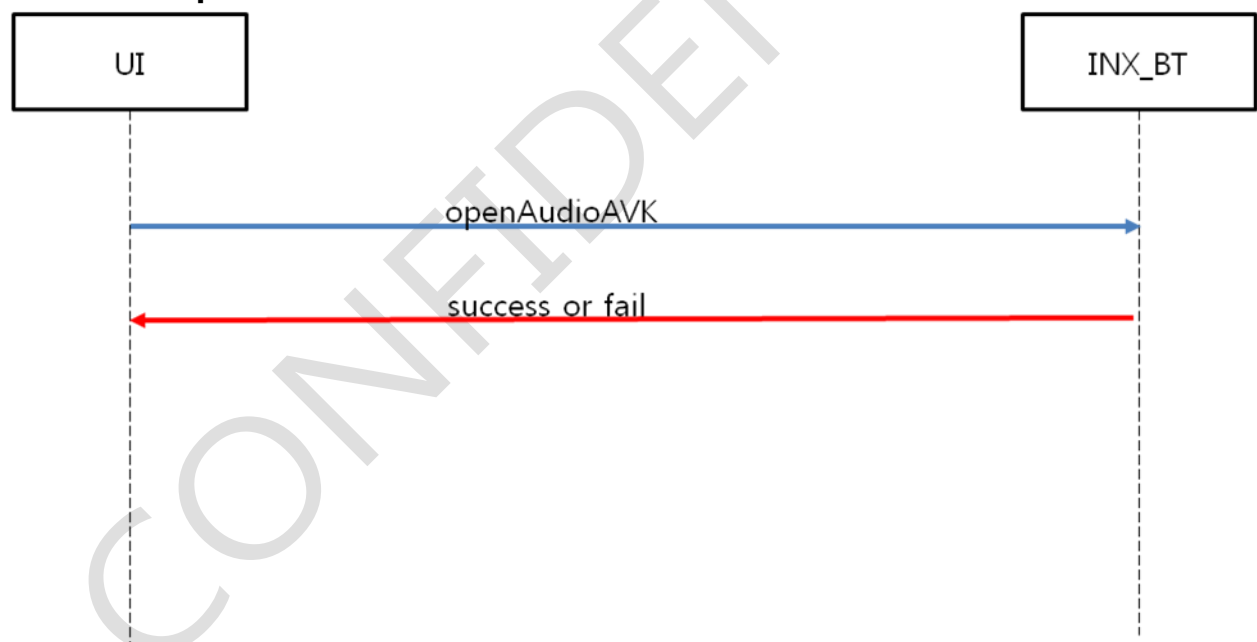
**2.2.11 Equalizer off/on****2.2.12 Repeat off/single/all/group**

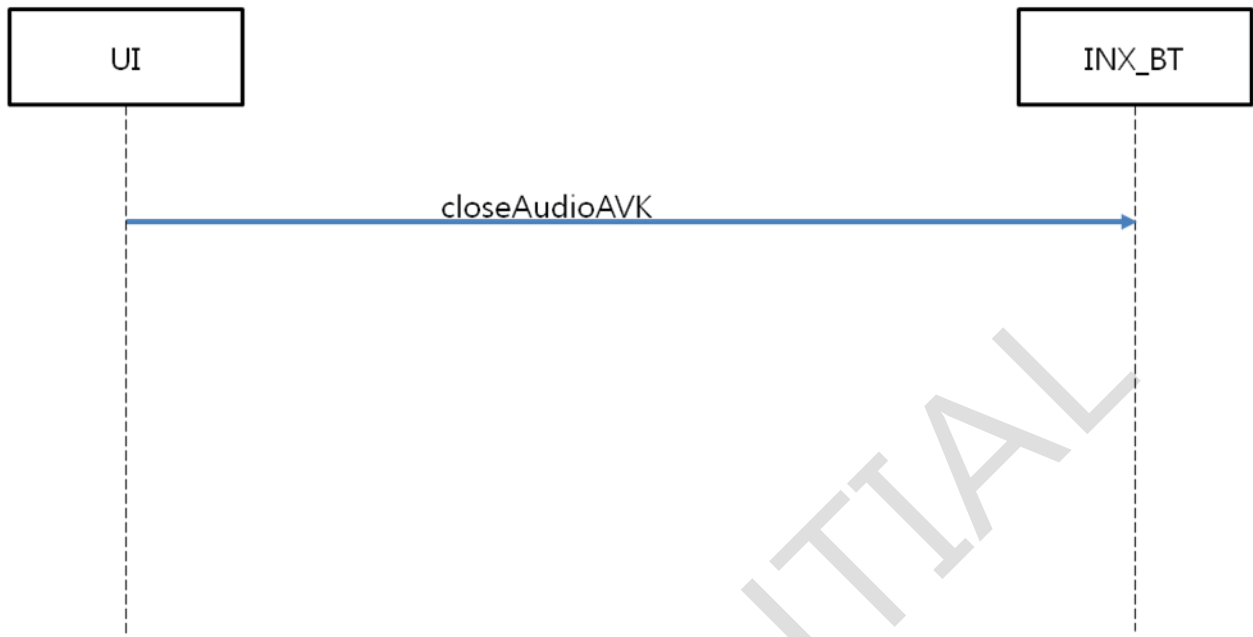
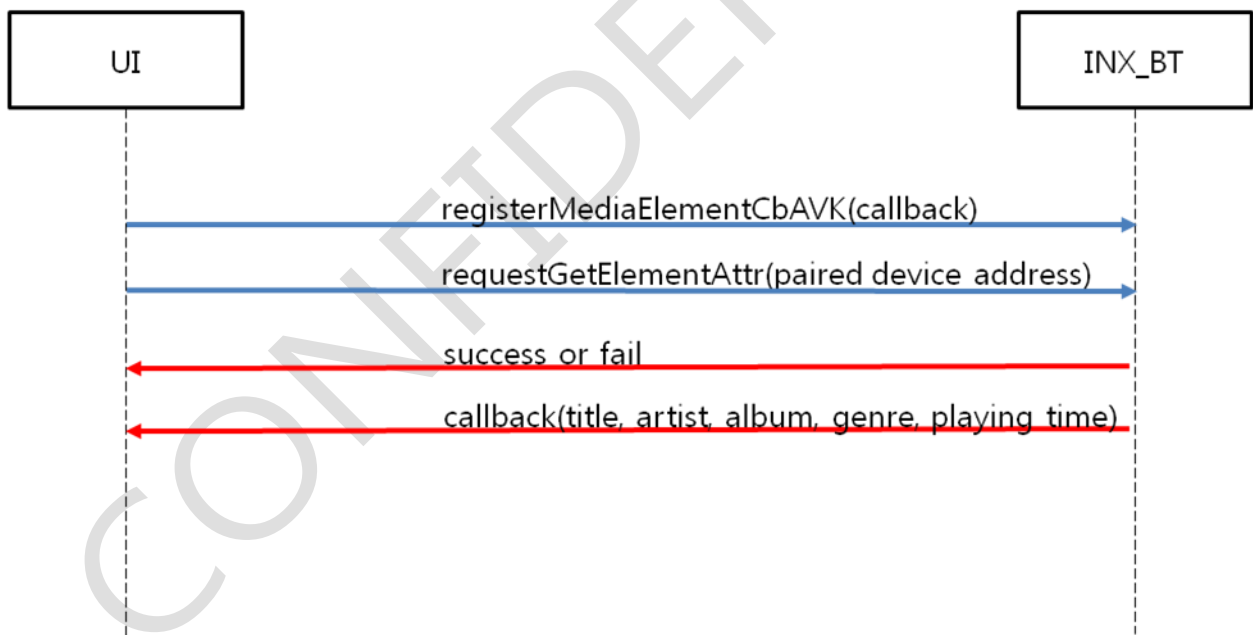
### 2.2.13 Shuffle off/all/group



### 2.2.14 Scan off/all/group

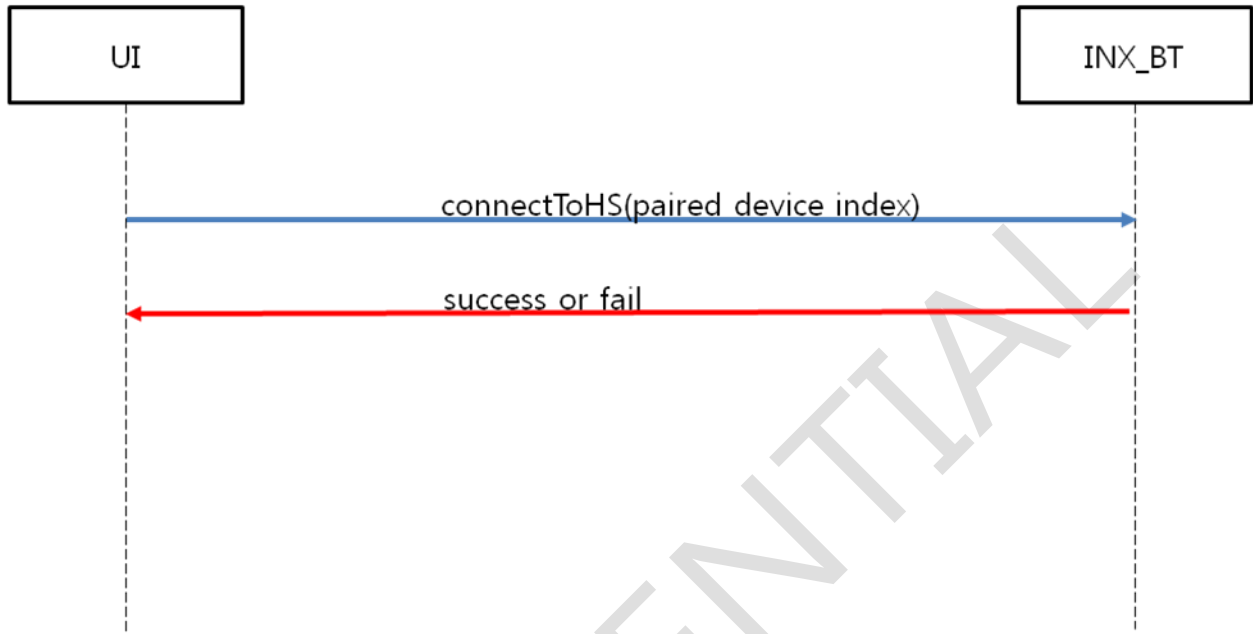


**2.2.15 Request player values****2.2.16 Open AVK audio**

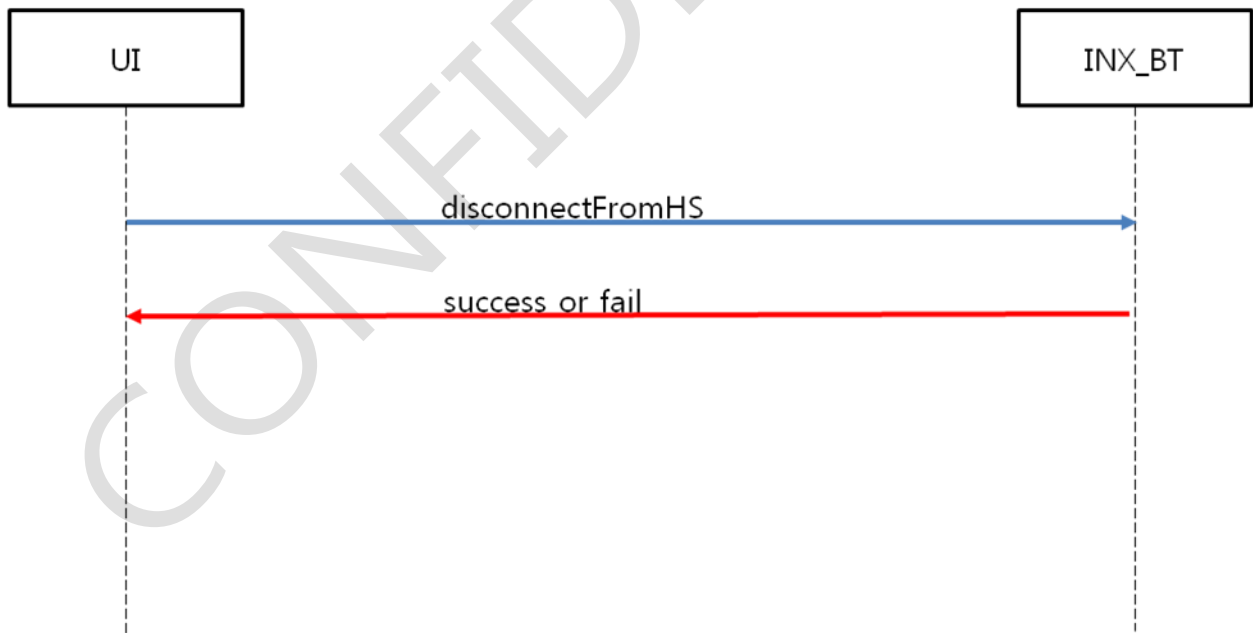
**2.2.17 Close AVK audio****2.2.18 Get media elements**

## 2.3 HS functions (HFP)

### 2.3.1 HS connection

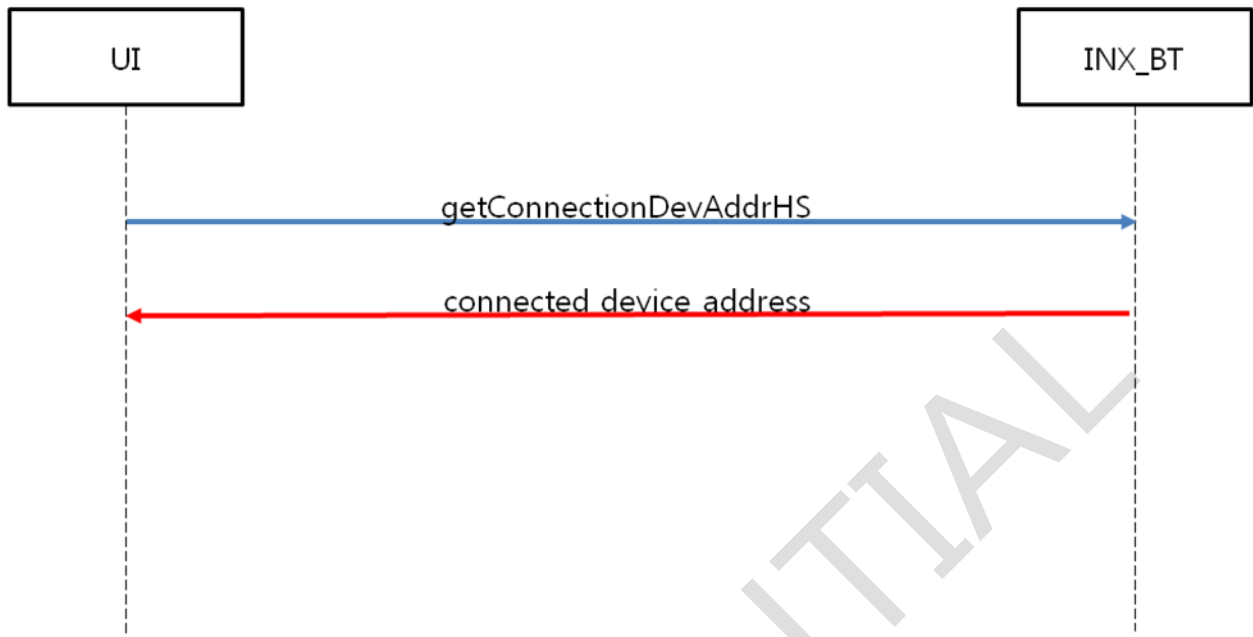


### 2.3.2 HS disconnection

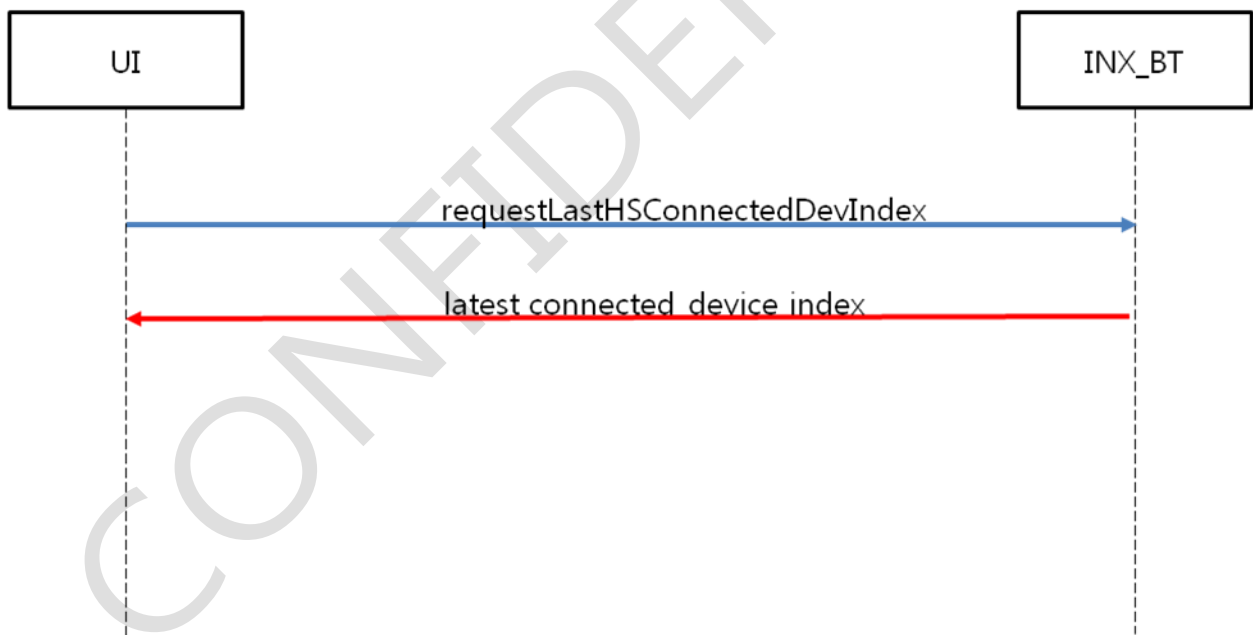




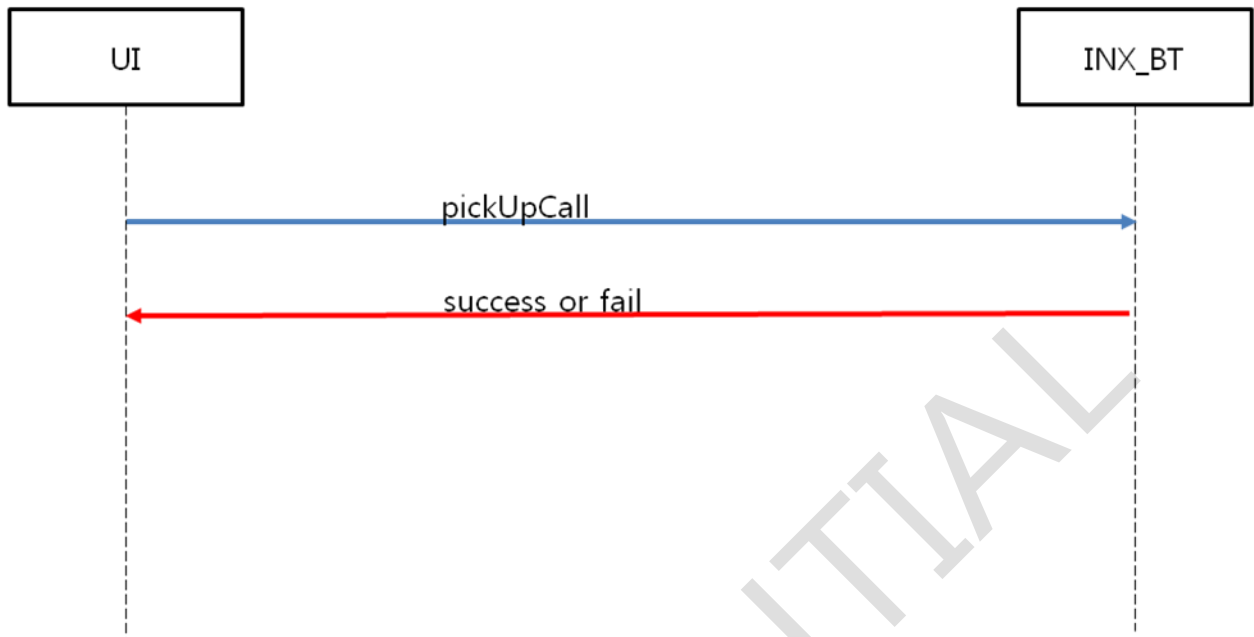
### 2.3.3 Get HS connected device address



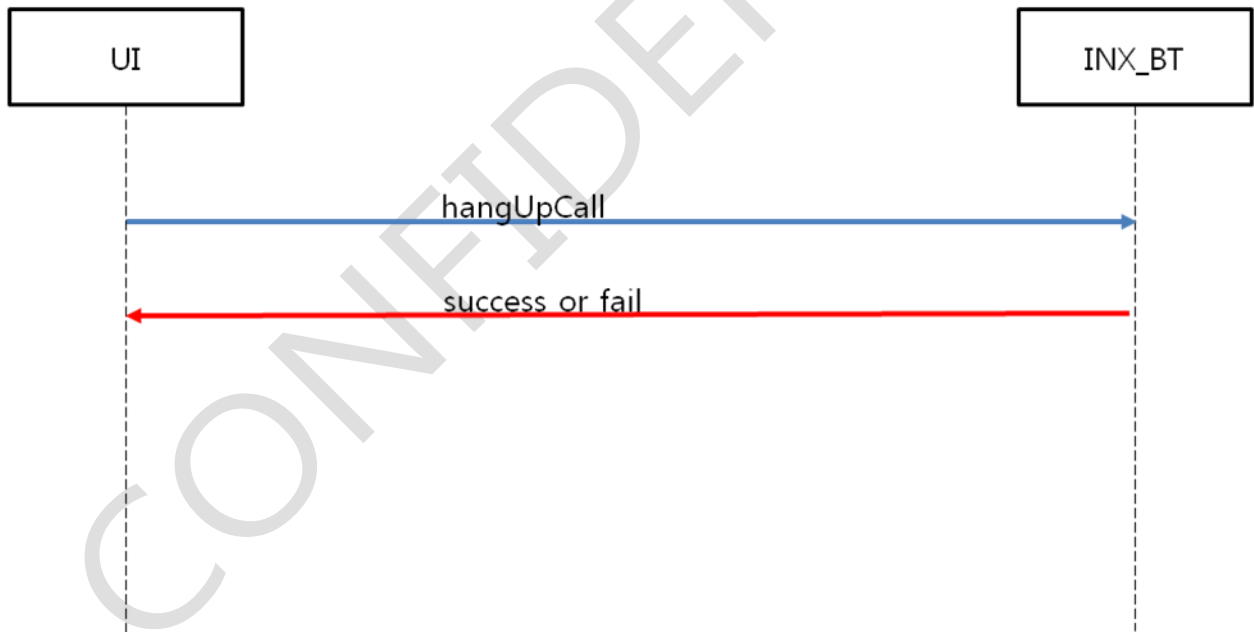
### 2.3.4 Get HS latest connected device index



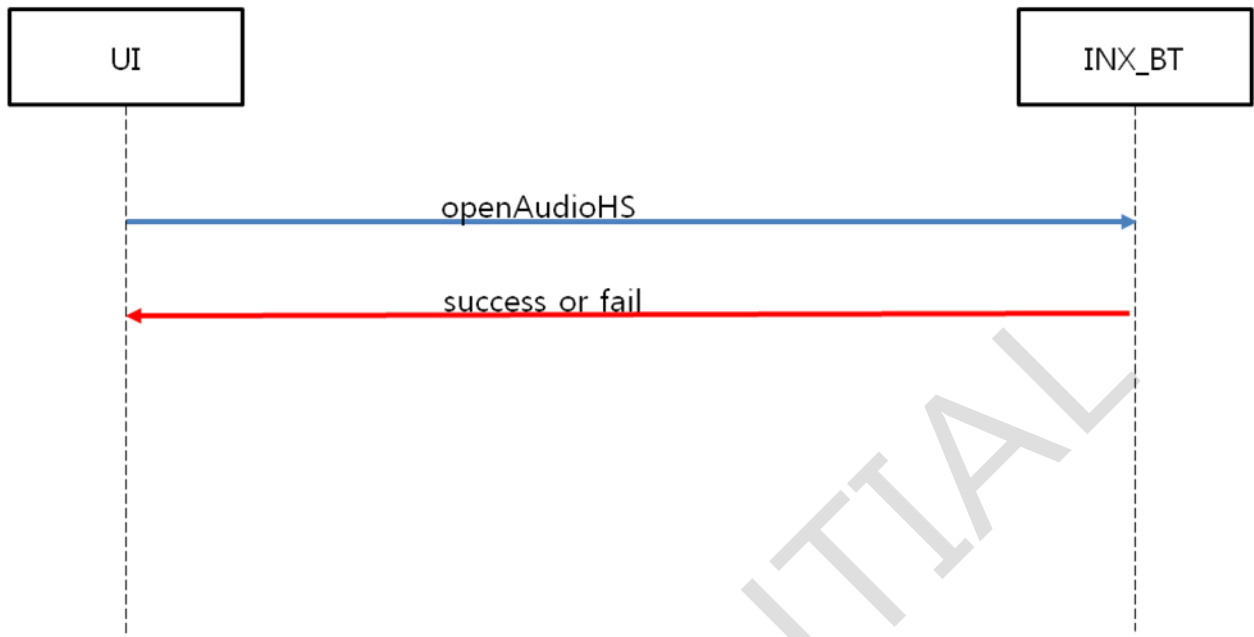
### 2.3.5 Pickup the call



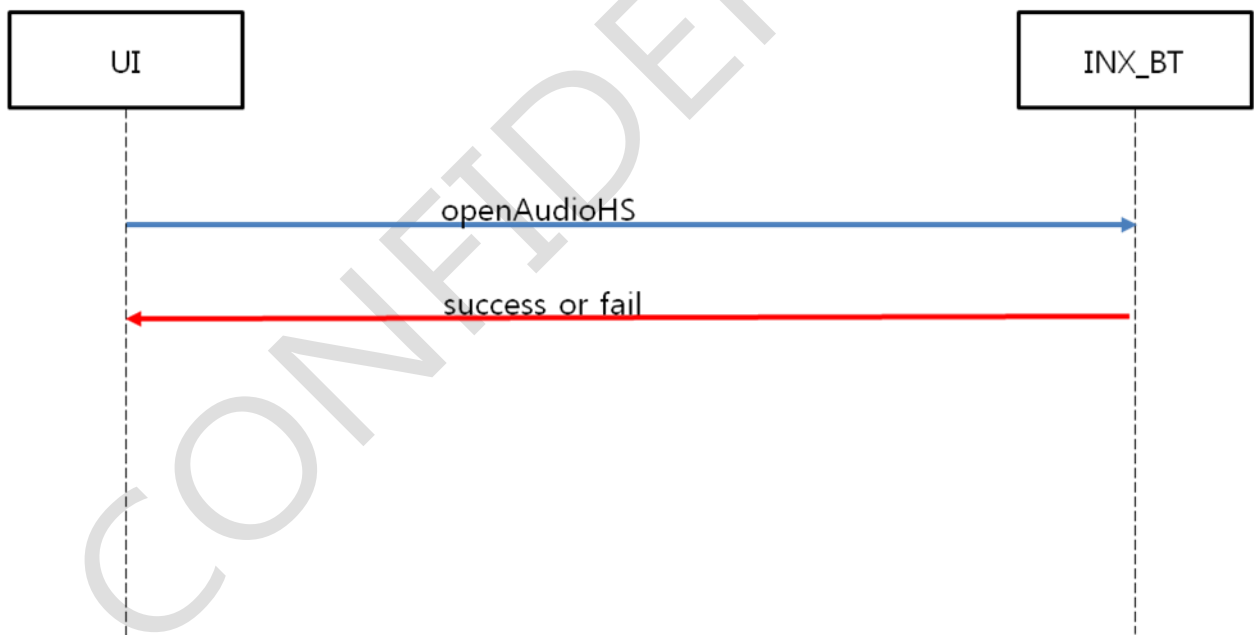
### 2.3.6 Hangup the call



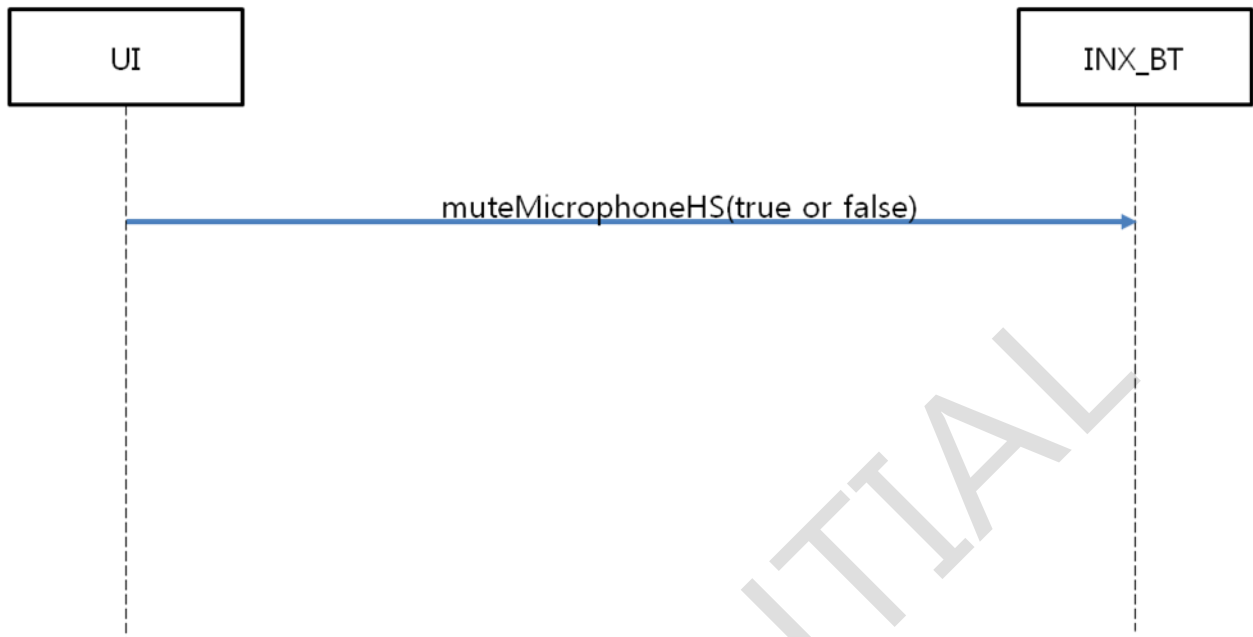
### 2.3.7 Open HS audio



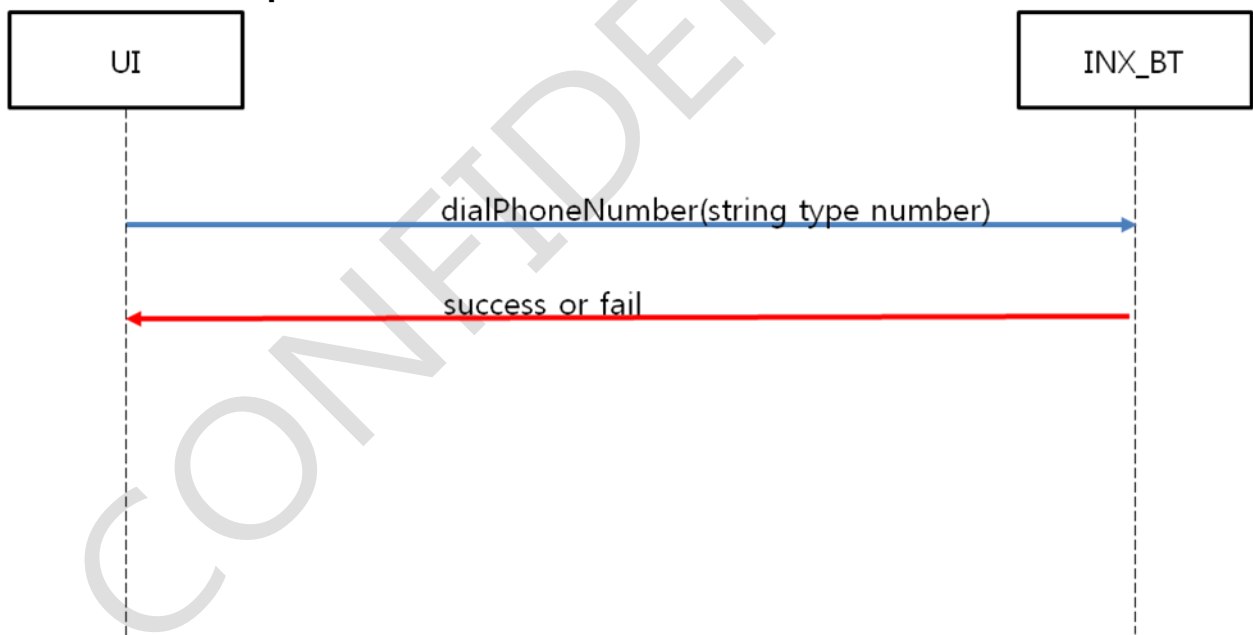
### 2.3.8 Close HS audio



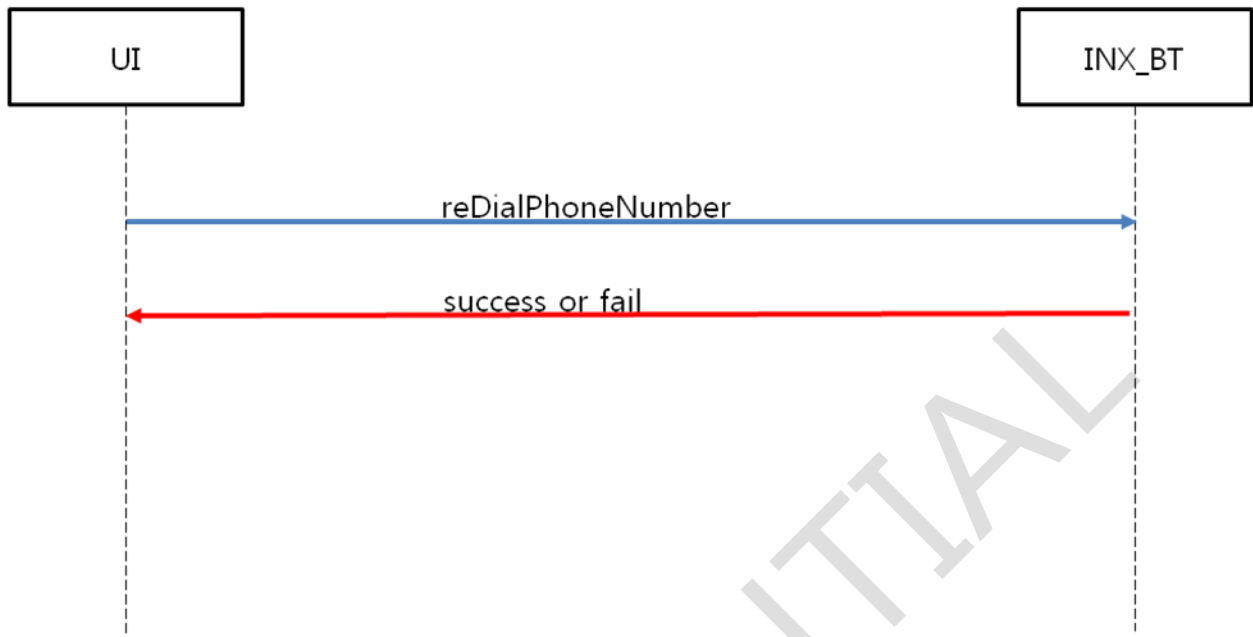
### 2.3.9 Mute/Unmute microphone



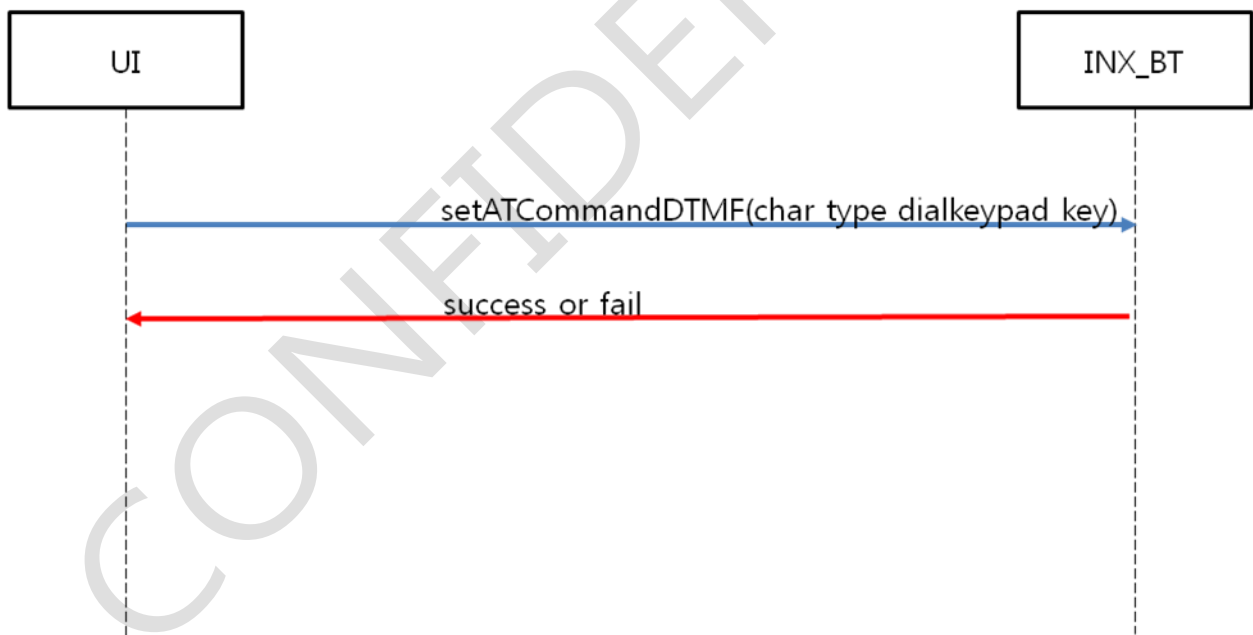
### 2.3.10 Dial a phone number

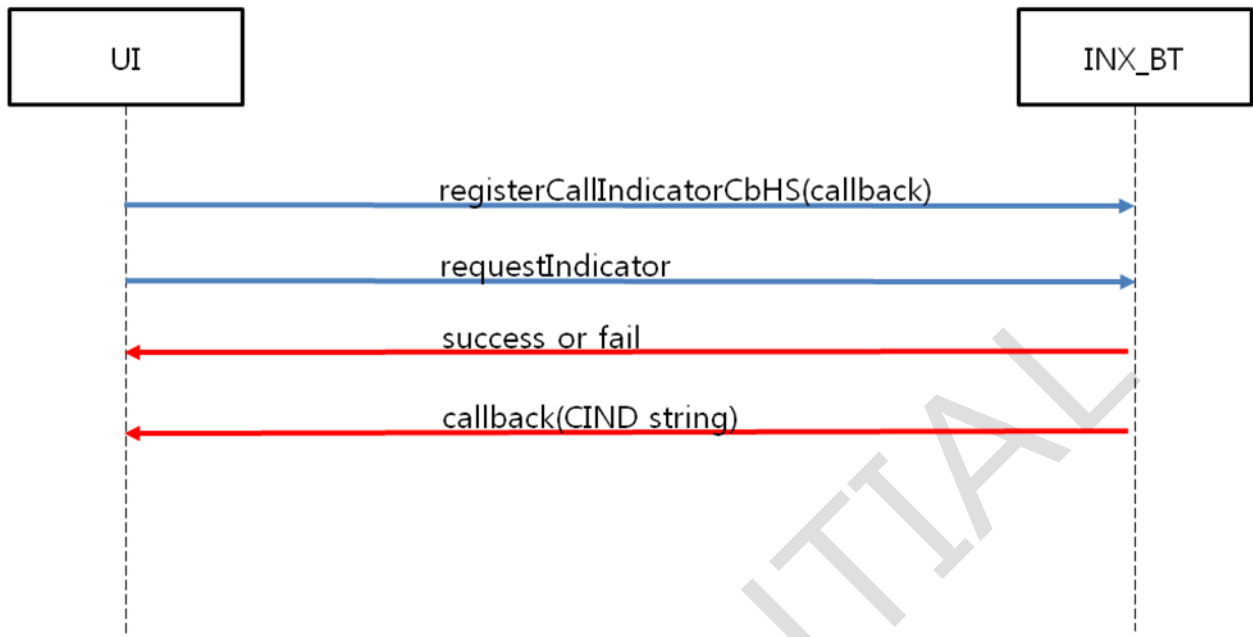
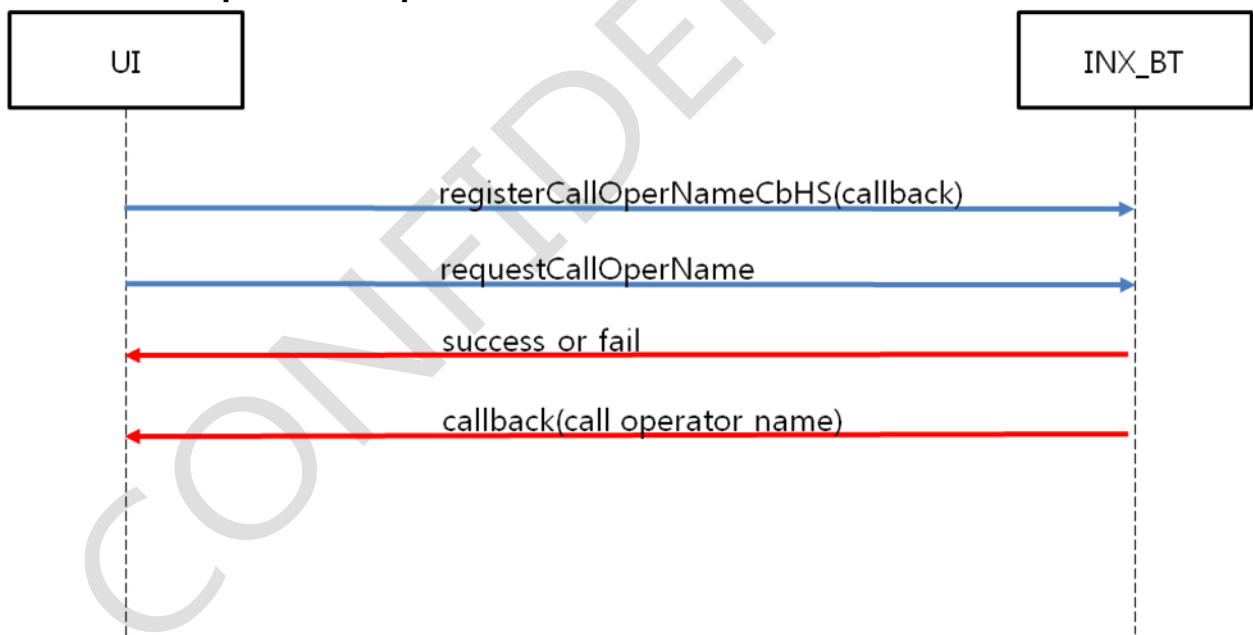


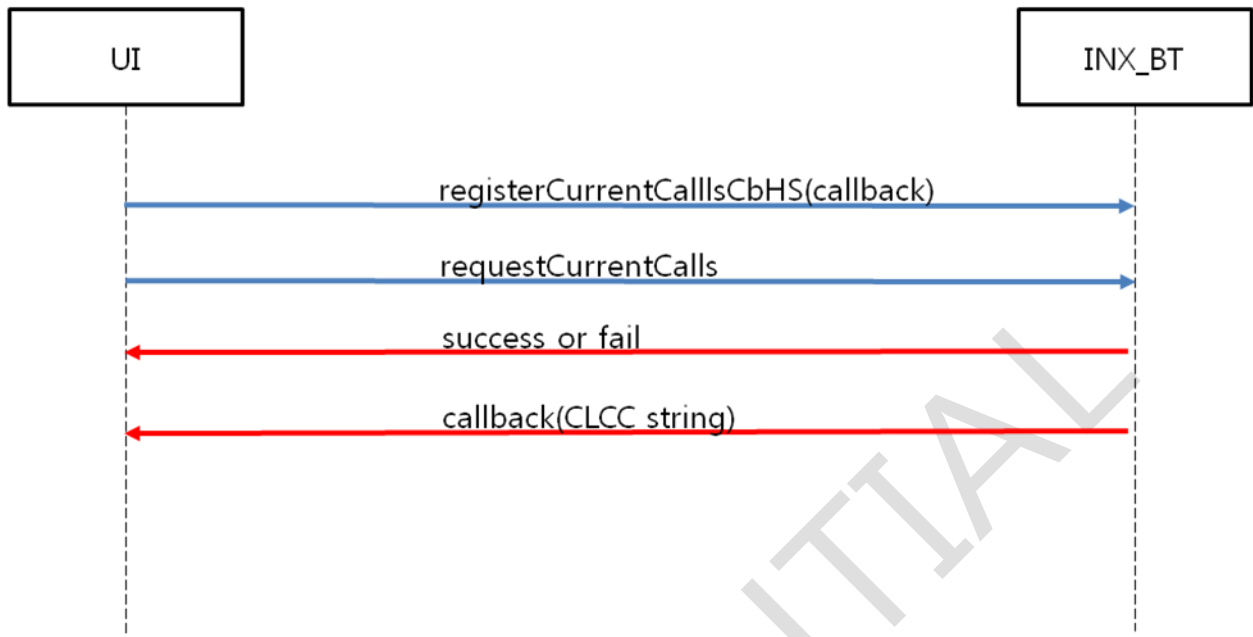
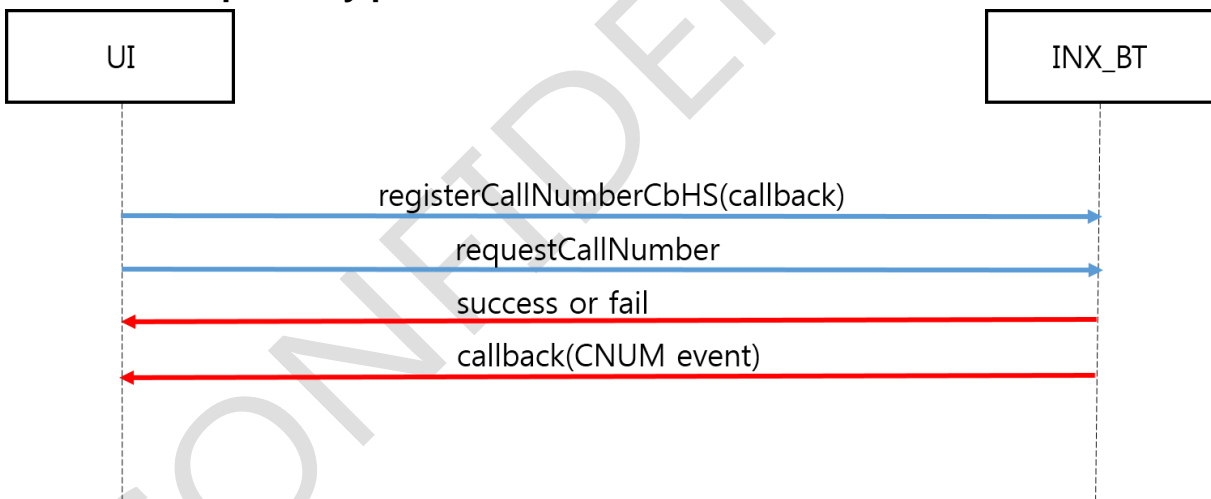
### 2.3.11 Redial a phone number



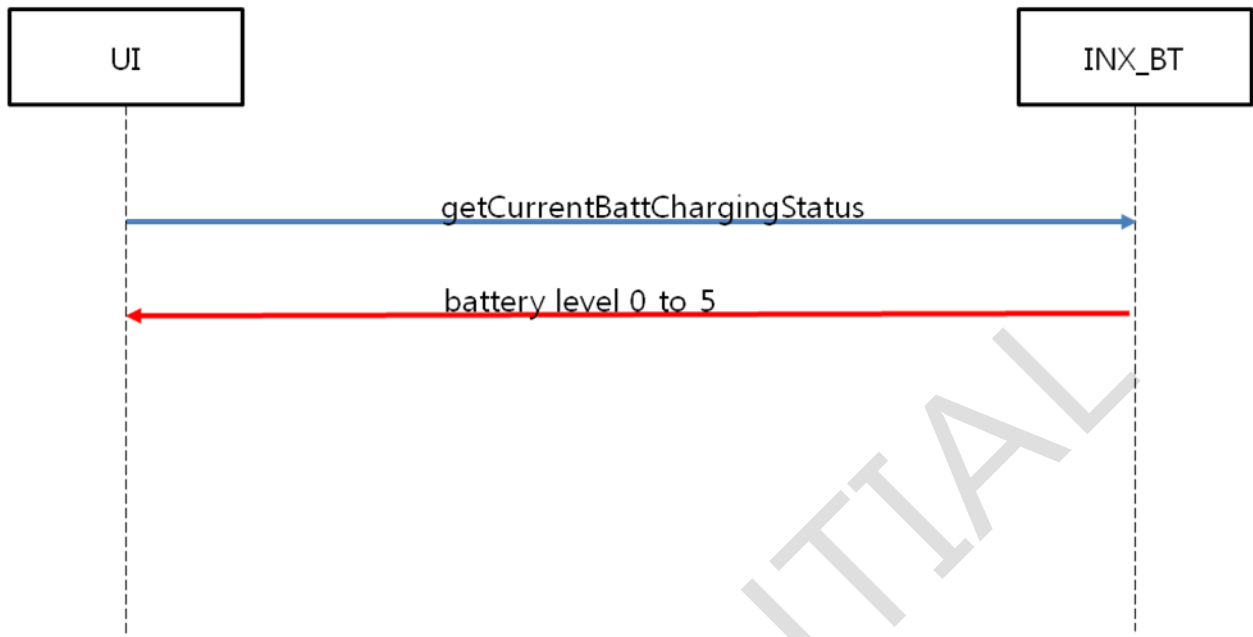
### 2.3.12 Send DTMF AT command



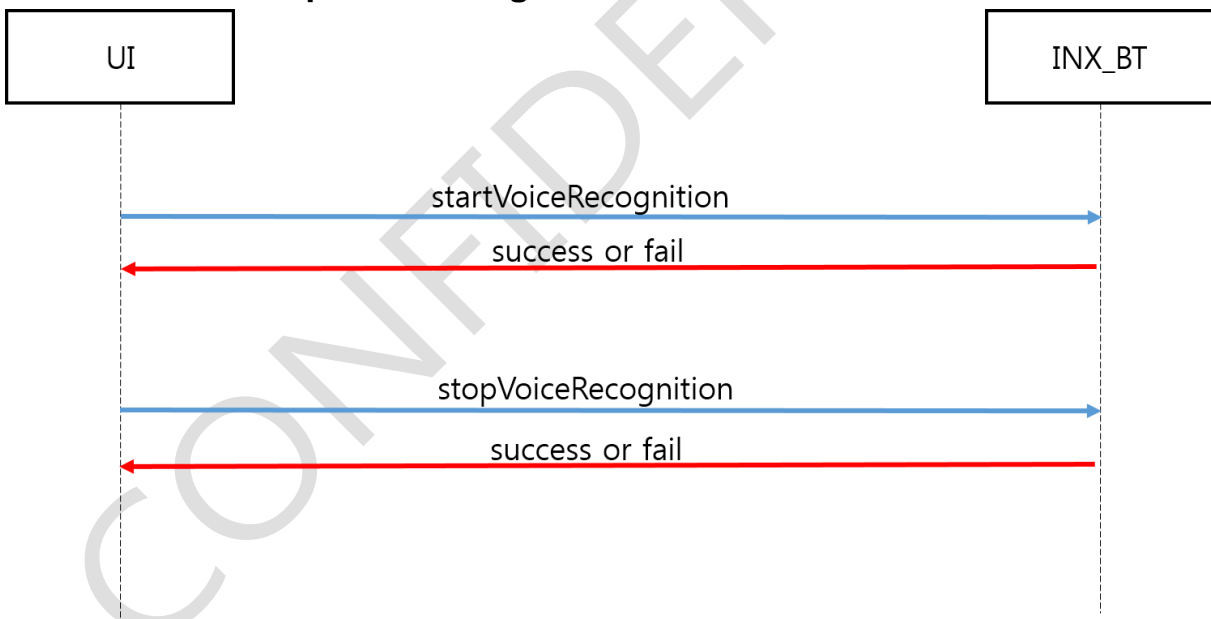
**2.3.13 Request call indicator****2.3.14 Request call operator name**

**2.3.15 Request current calls****2.3.16 Request my phone call number**

### 2.3.17 Get battery charging status value



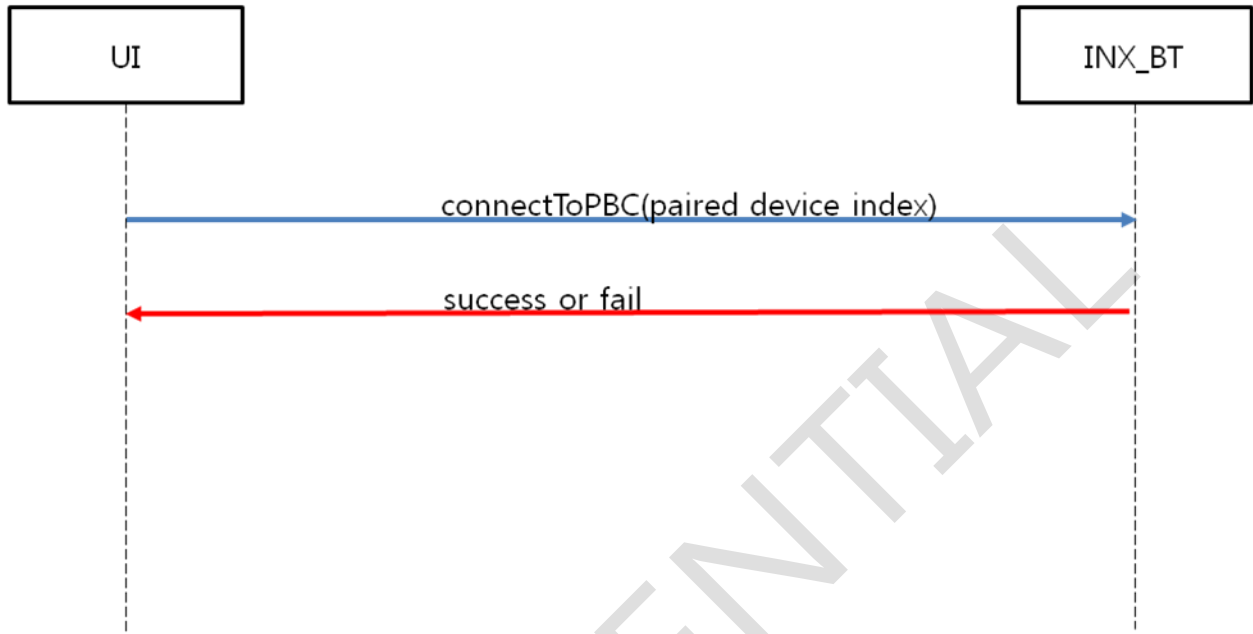
### 2.3.18 Start/stop voice recognition



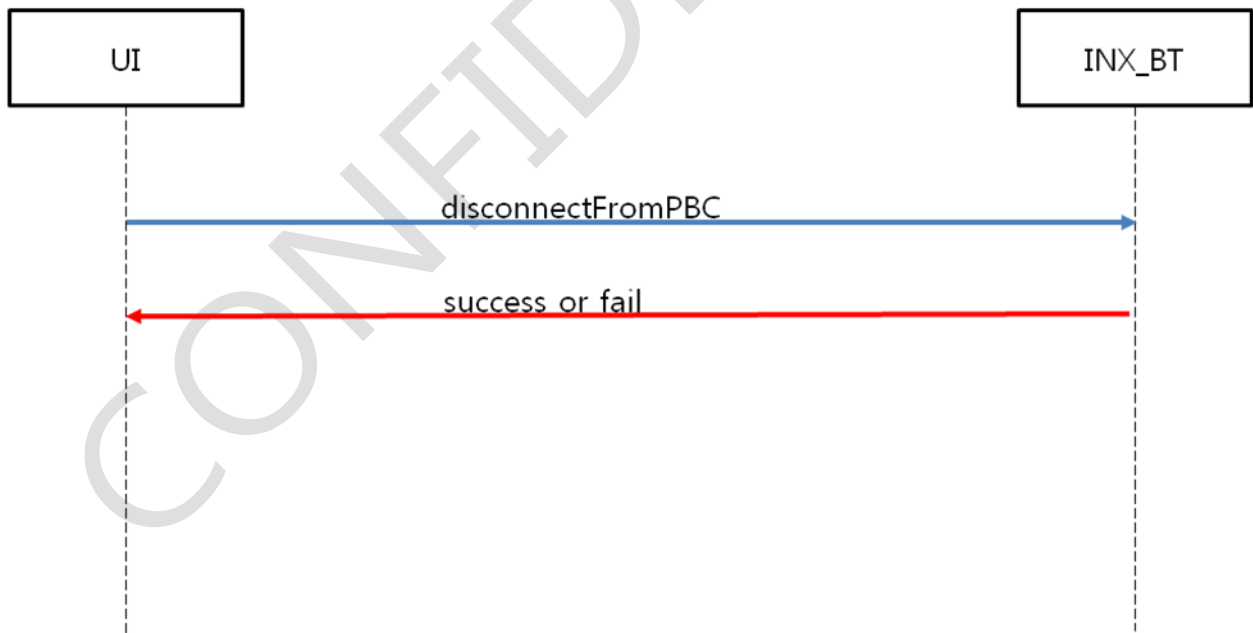


## 2.4 PBC functions (PBAP)

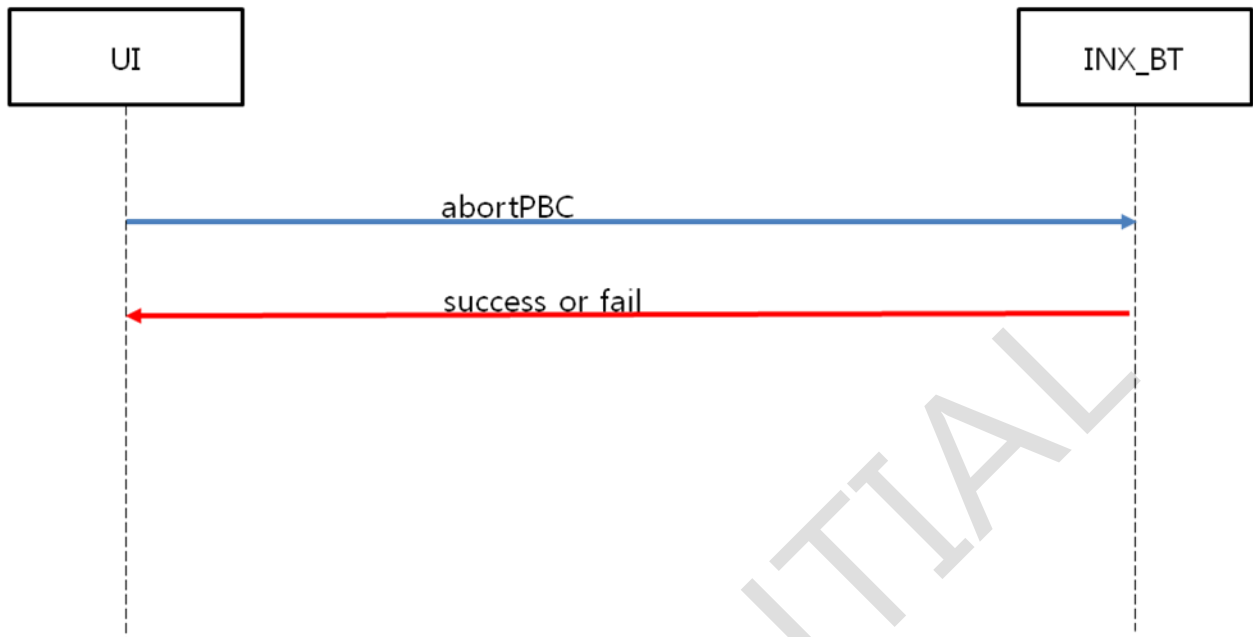
### 2.4.1 PBC connection



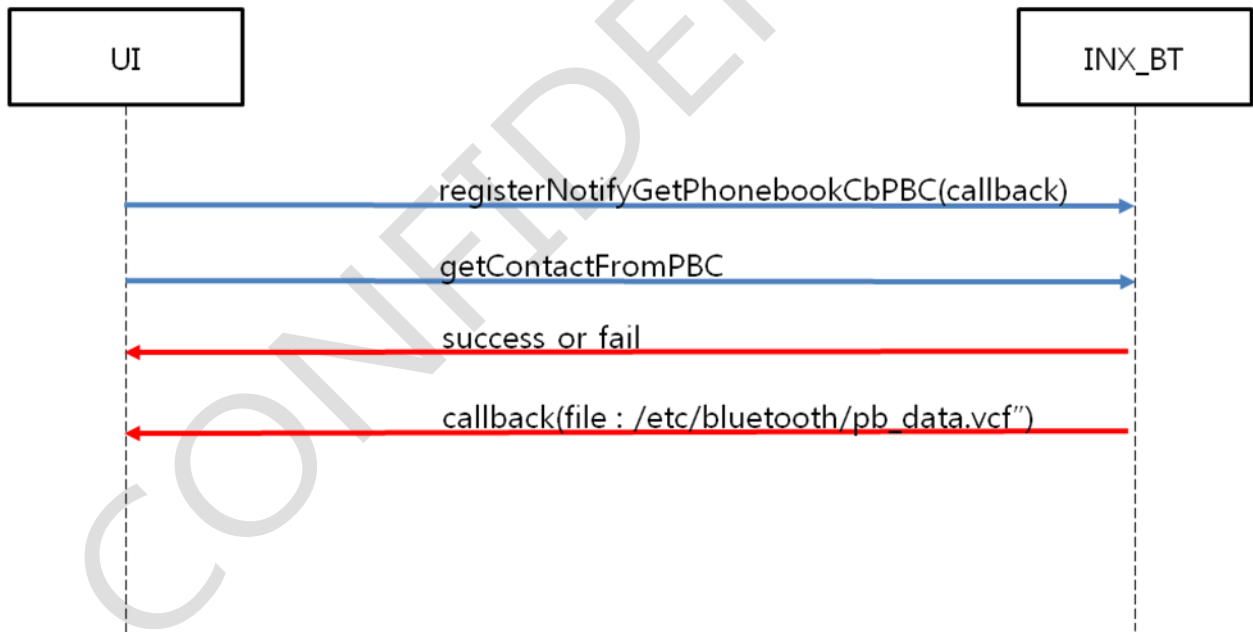
### 2.4.2 PBC disconnection



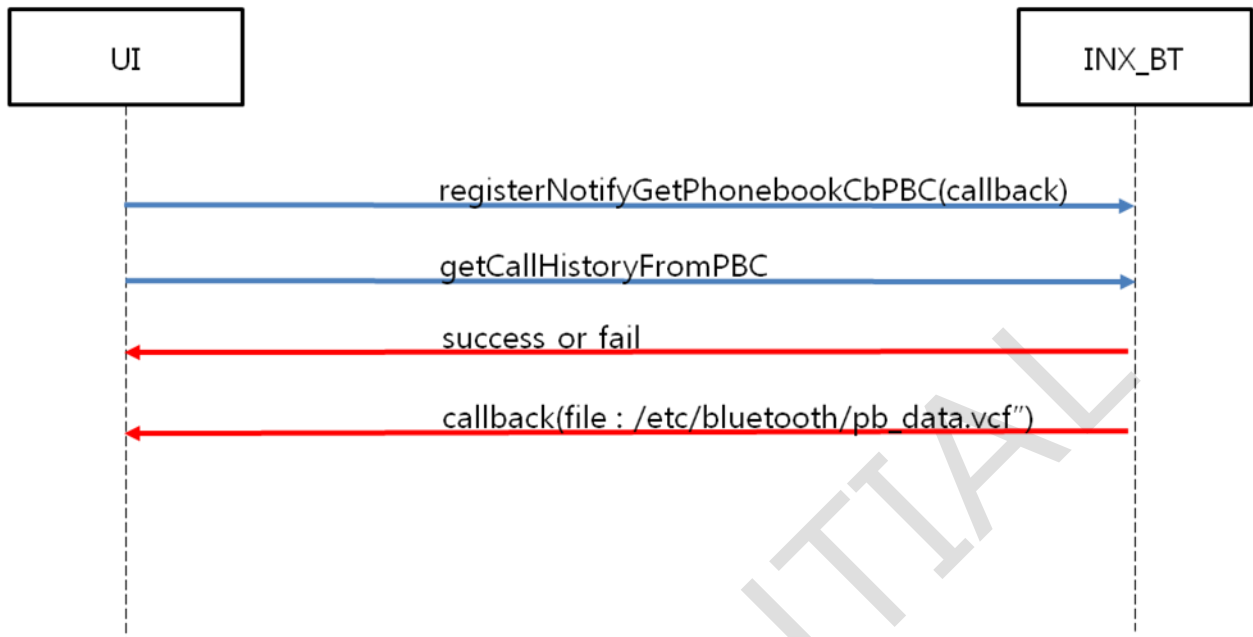
### 2.4.3 Abort PBC



### 2.4.4 Import contacts

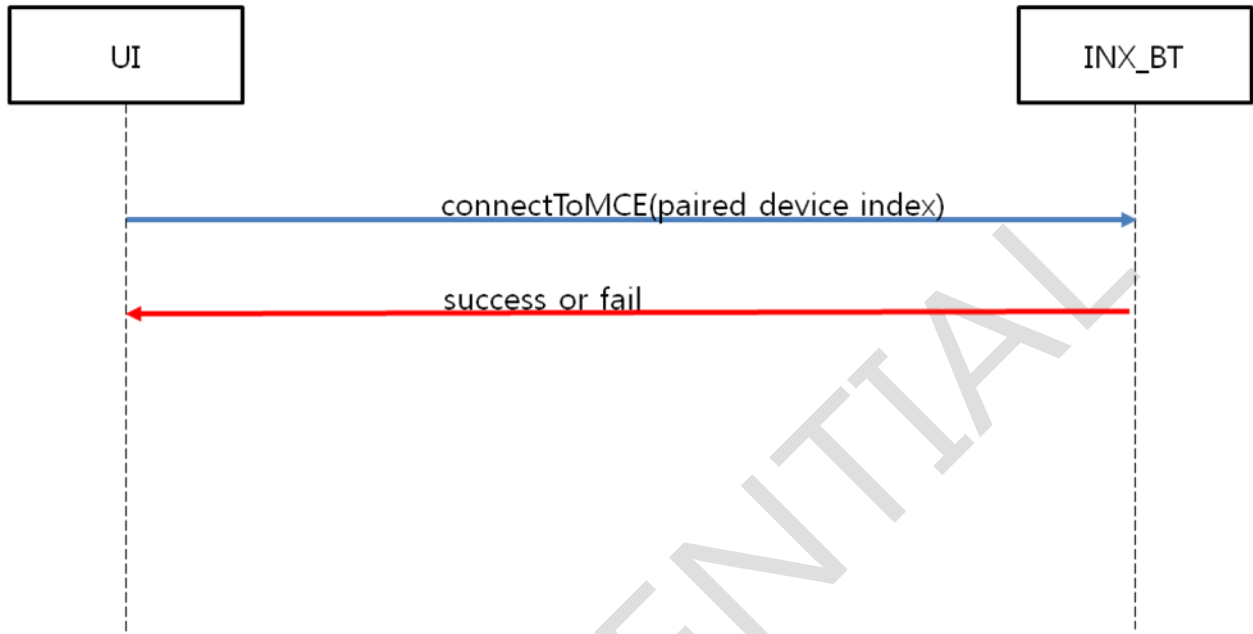


### 2.4.5 Import call history

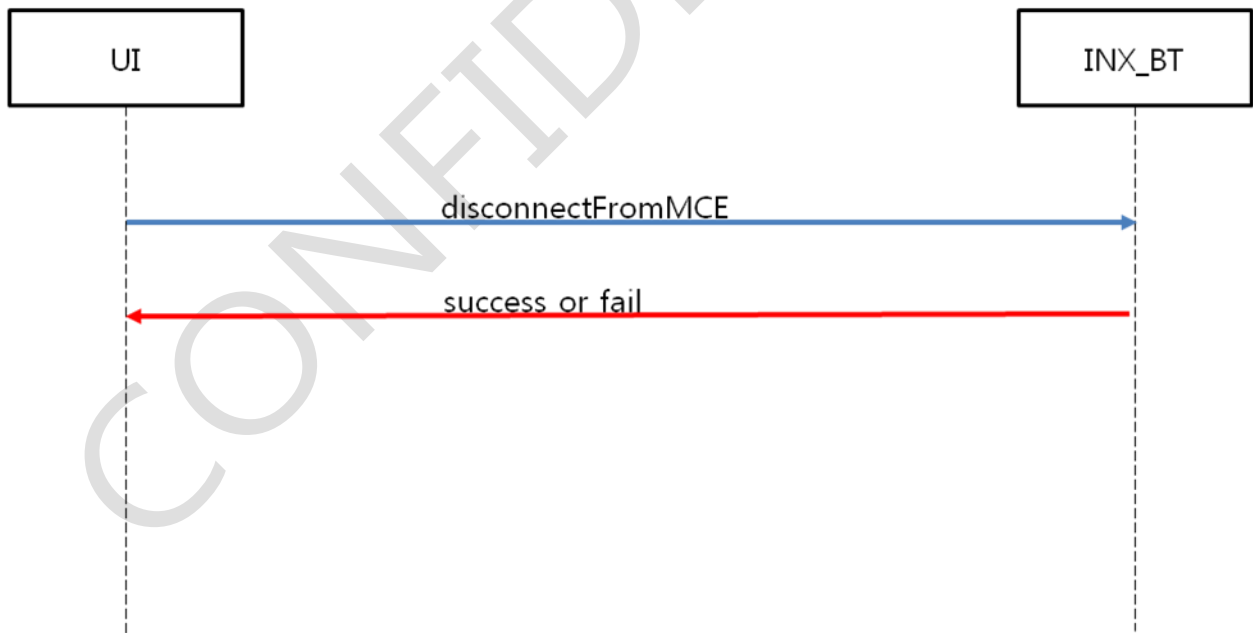


## 2.5 MCE functions (MAP)

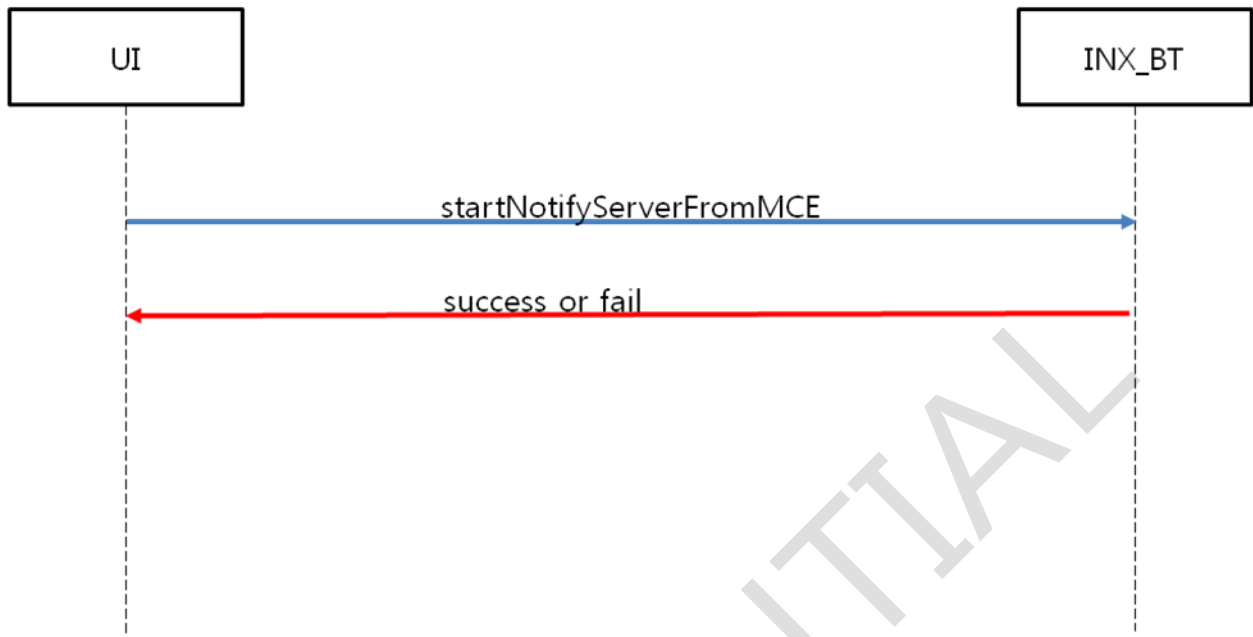
### 2.5.1 MCE connection



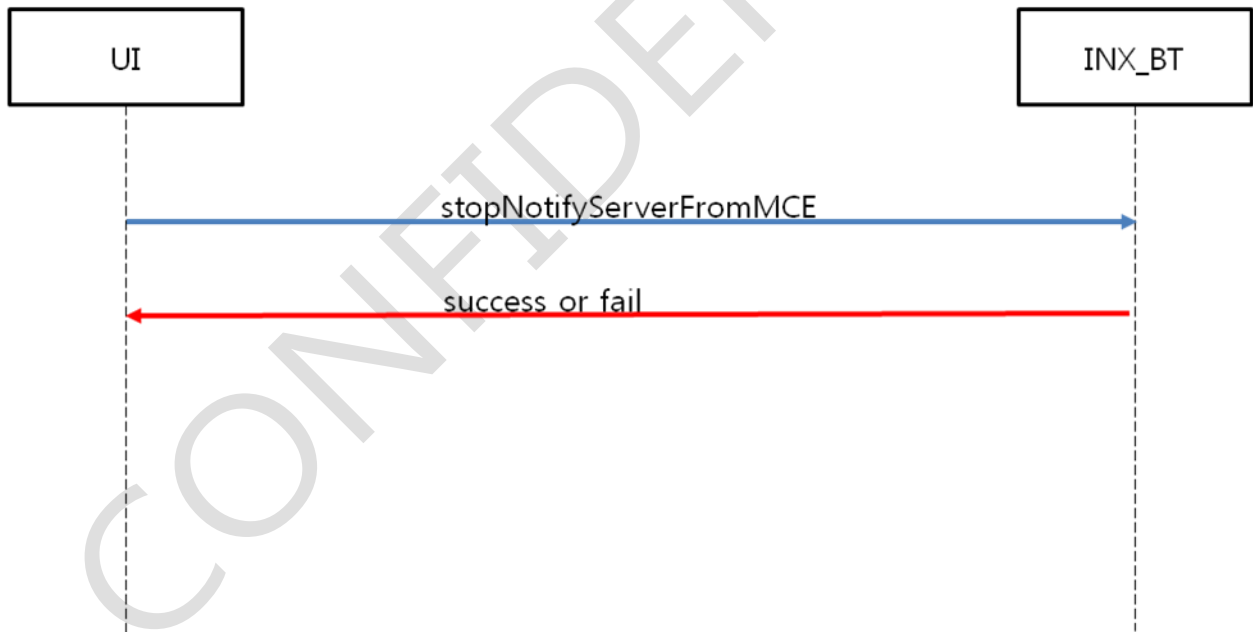
### 2.5.2 MCE disconnection



### 2.5.3 Start MCE notification server



### 2.5.4 Stop MCE notification server



**2.5.5 Get message**