

# Bluetooth User's Guide (Console Application)

Version 1.1.0

## Display Audio

Solution Team



## Release information

The following changes have been made to this document.

### Change History

Date	Change
07 Dec 2017	First release for v1.0.0
14 Nov 2018	Second release for v1.1.0

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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 application to test the NXBT class APIs.

#### 1.2.1 NxBTServiceConsole

NXBT version : v1.1.0

=====

NXBT profile service main menu :

[MGT]=====

- 0           => Get paired device list
- 1           => Enable auto-connection mode
- 2           => Disable auto-connection mode
- 3           => Enable auto-pairing mode
- 4           => Disable auto-pairing mode
- 5           => Accept pairing
- 6           => Reject pairing
- 7           => Unpair BT device
- 8           => Set discoverable
- 9           => Clesr discoverable

[AVK]=====

- 10           => AVK connection
- 11           => AVK disconnection
- 12           => Get connection number
- 13           => Get AVK connected remote BT address
- 14           => Get latest AVK connected device
- 15           => Start play
- 16           => Stop play
- 17           => Pause play
- 18           => Next play

```

19          => Prev play
20          => Open ALSA
21          => Close ALSA
[HS]=====
23          => HS connection
24          => HS disconnection
25          => Get HS connected remote BT address
26          => Get latest HS connected device
27          => Pickup the call
28          => Hangup the call
29          => Open audio
30          => Close audio
31          => Mute microphone
32          => Unmute microphone
33          => Dial a phone number
34          => Redial a phone number
35          => Send DTMF AT command
36          => Request call indicator
37          => Request call operator name
38          => Request current calls
39          => Get battery charging status value
[PBC]=====
40          => PBC connection
41          => PBC disconnection
42          => PBC abort
43          => Get contact
44          => Get call history
[MCE]=====
45          => MCE connection
46          => MCE disconnection
47          => Start MCE notification server
48          => Stop MCE notification server
49          => Get message
=====
99          => Quit
=====
Select menu =>

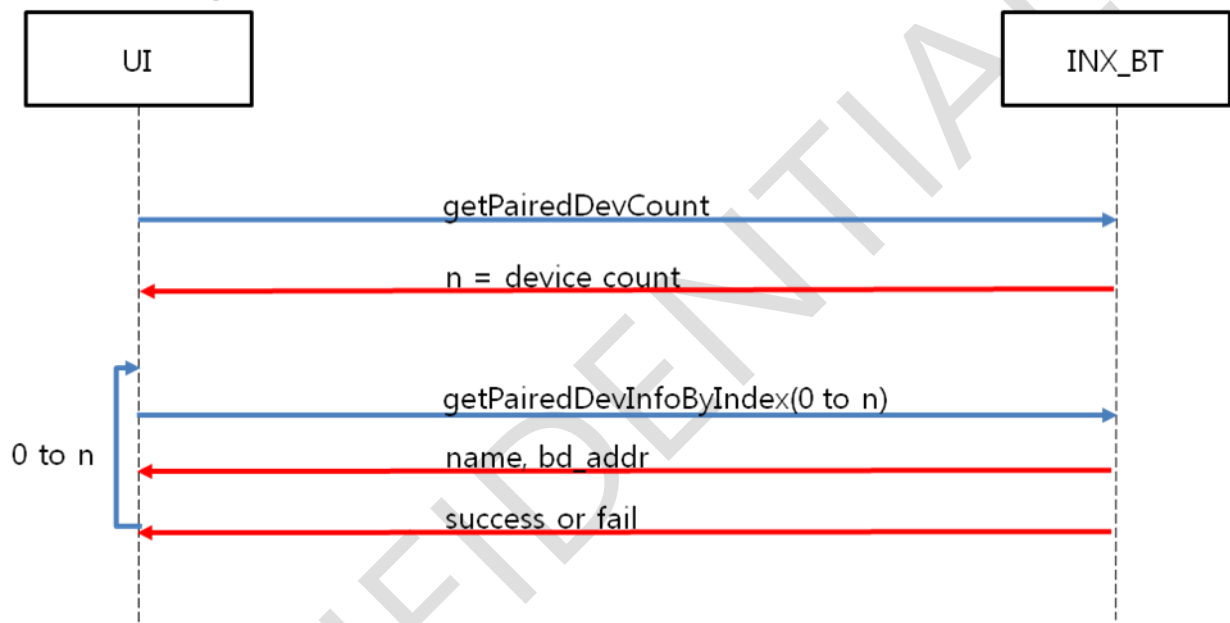
```

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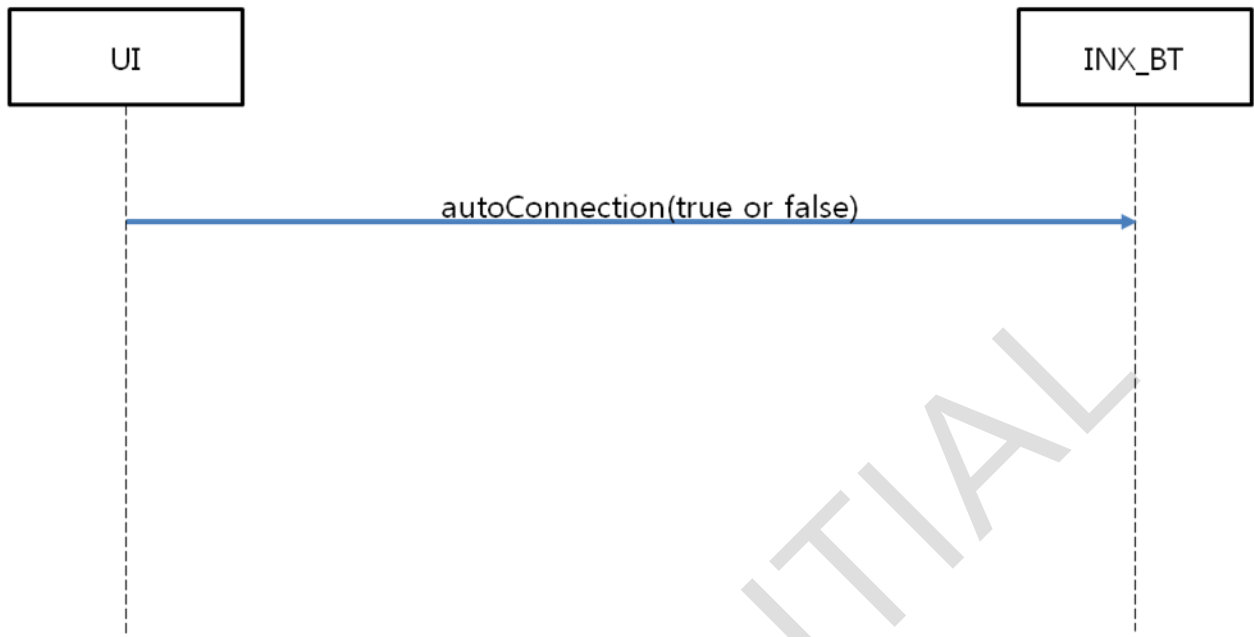
## Chap 2. Function scenario

### 2.1 MGT functions (Management)

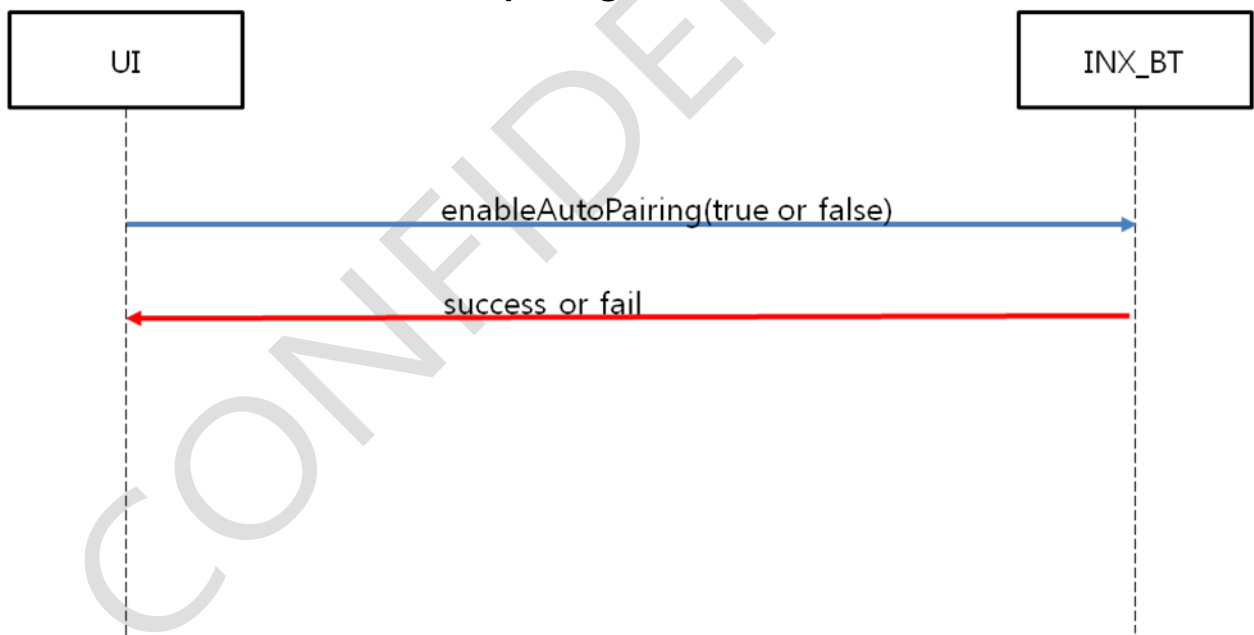
#### 2.1.1 Get paired device lists



### 2.1.2 Enable/Disable auto connection

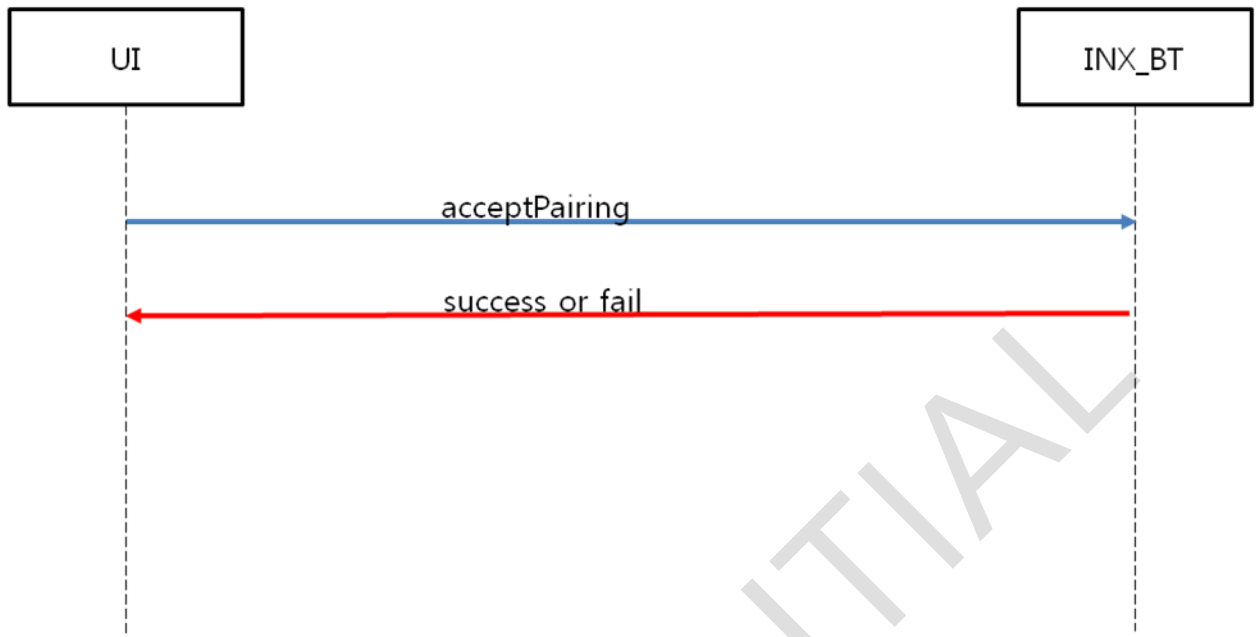


### 2.1.3 Enable/Disable auto pairing

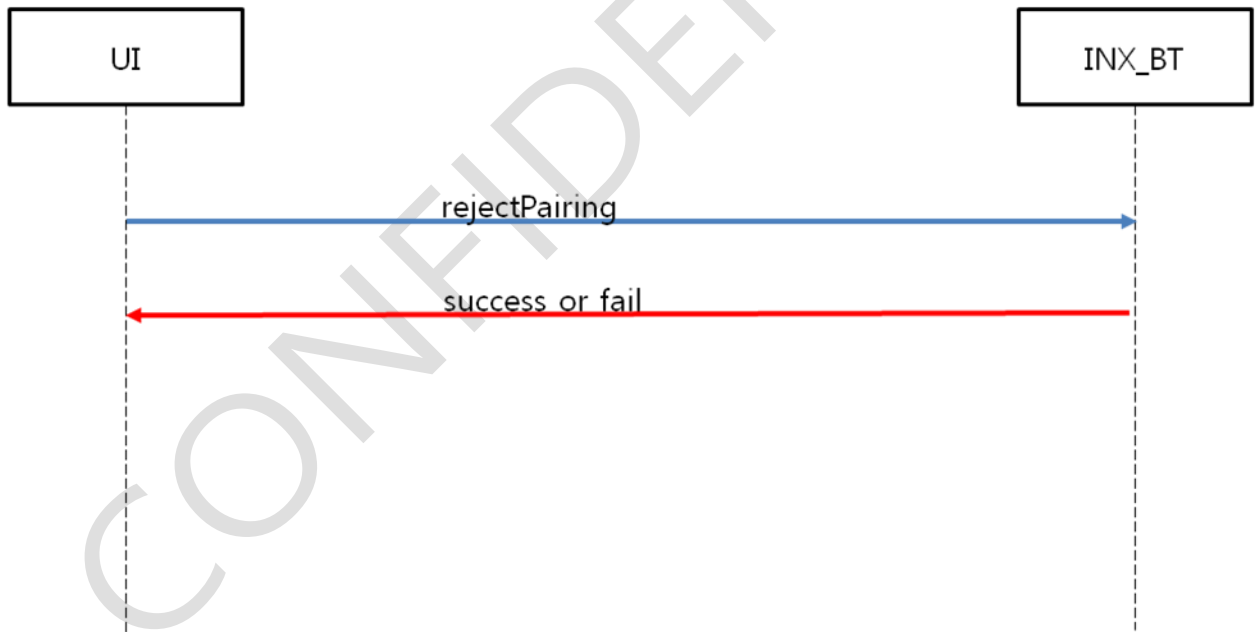




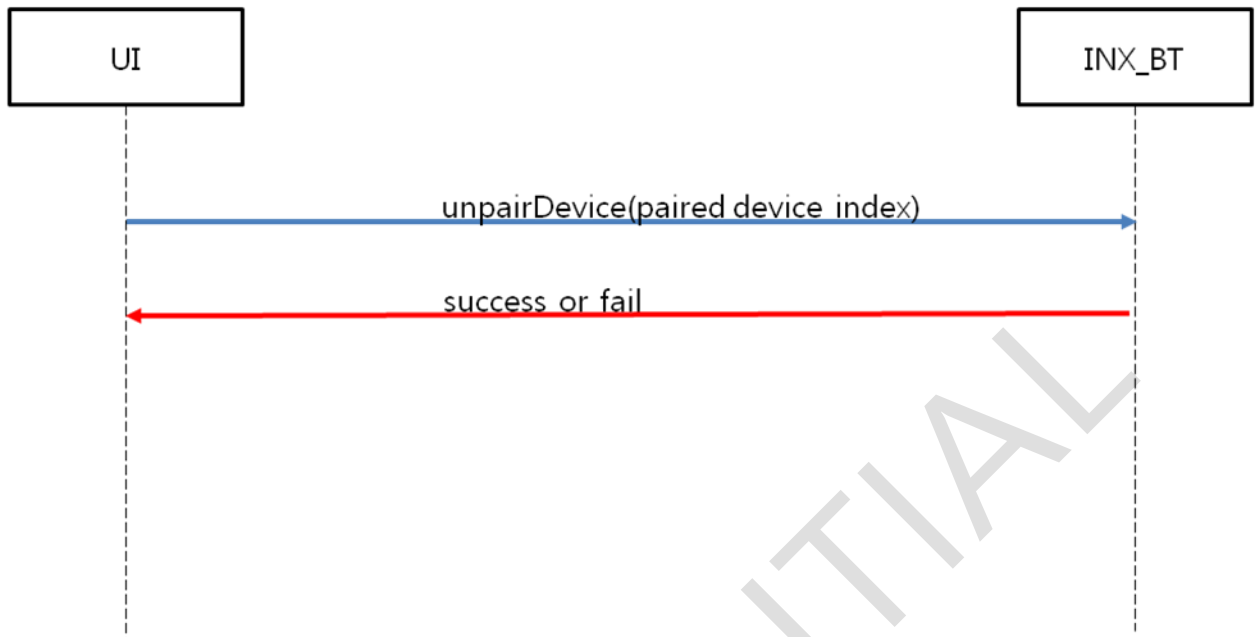
#### 2.1.4 Accept pairing



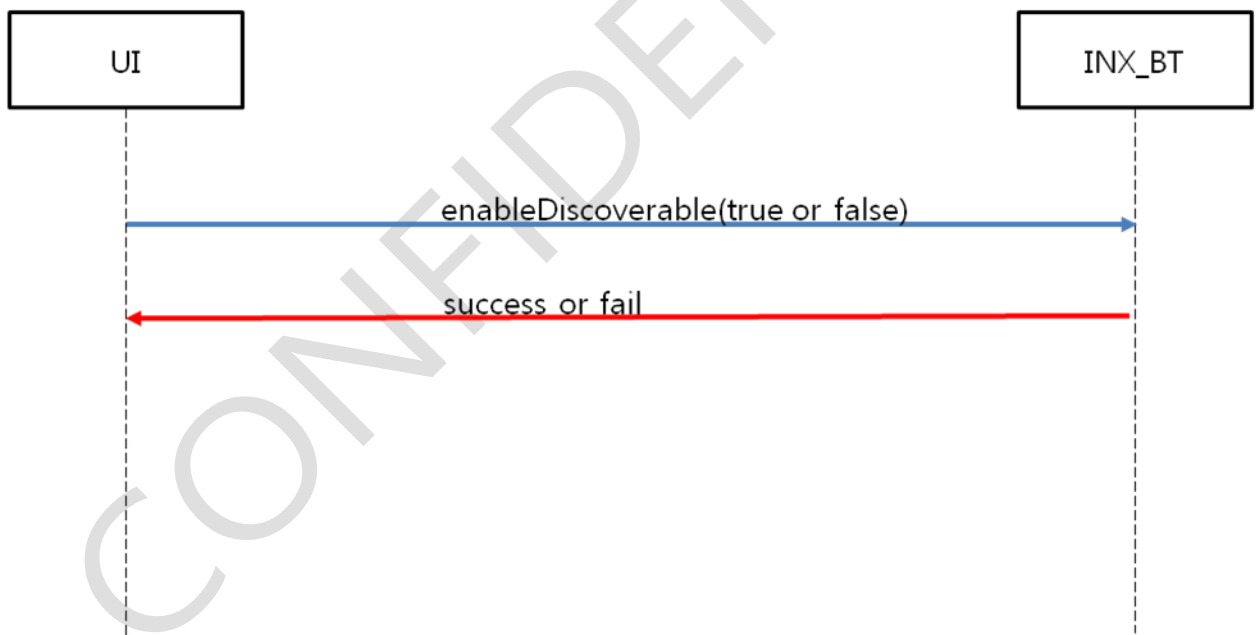
#### 2.1.5 Reject pairing



### 2.1.6 Unpair device

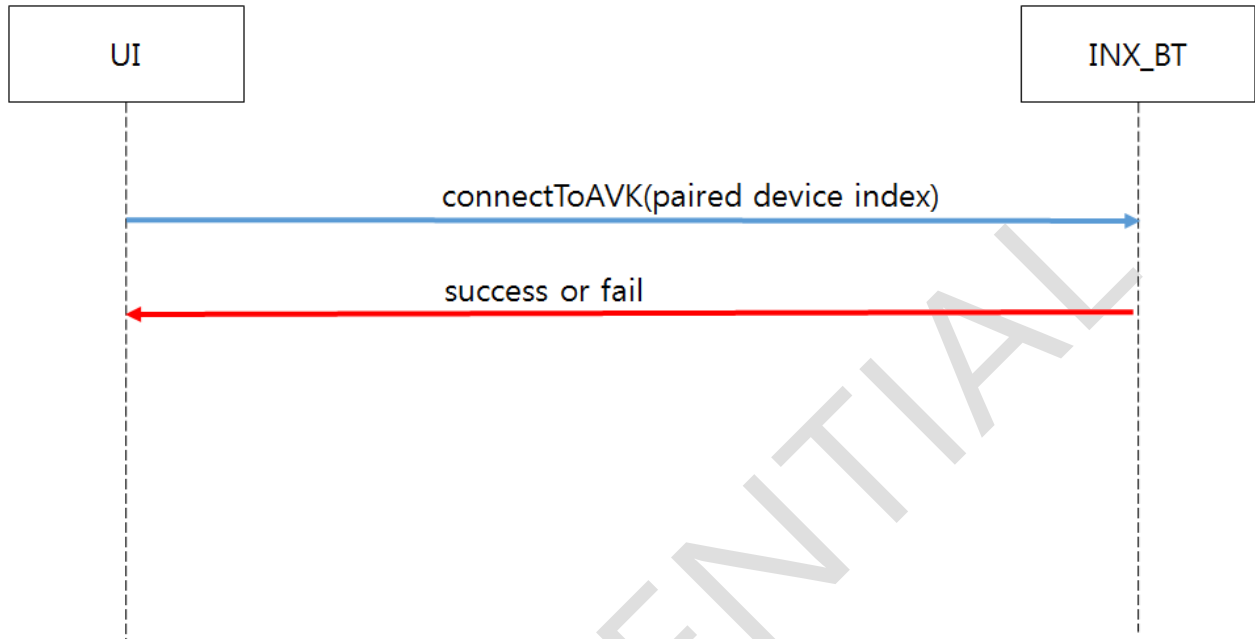


### 2.1.7 Enable/Disable discoverable

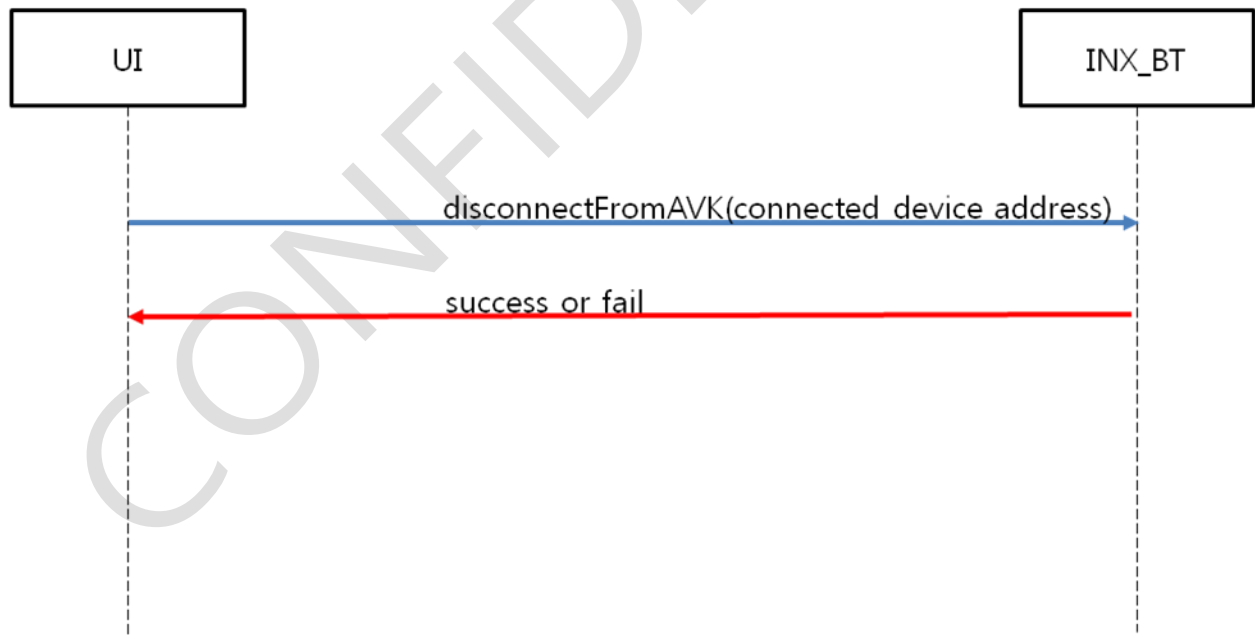


## 2.2 AVK functions (A2DP, AVRCP)

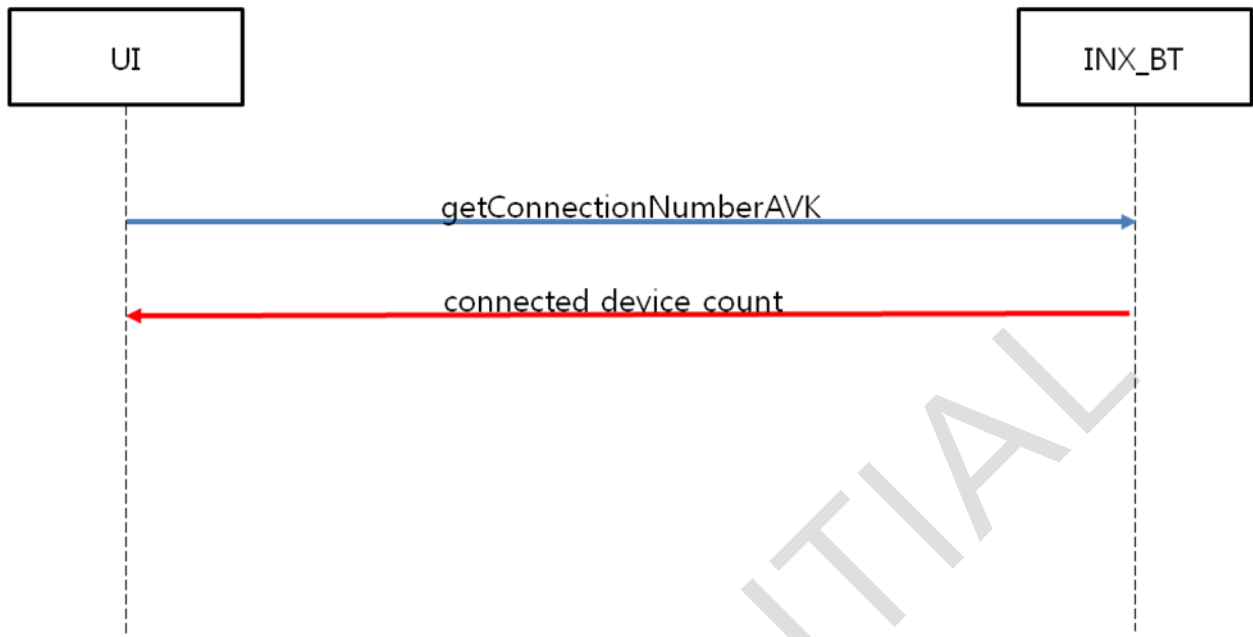
### 2.2.1 AVK connection



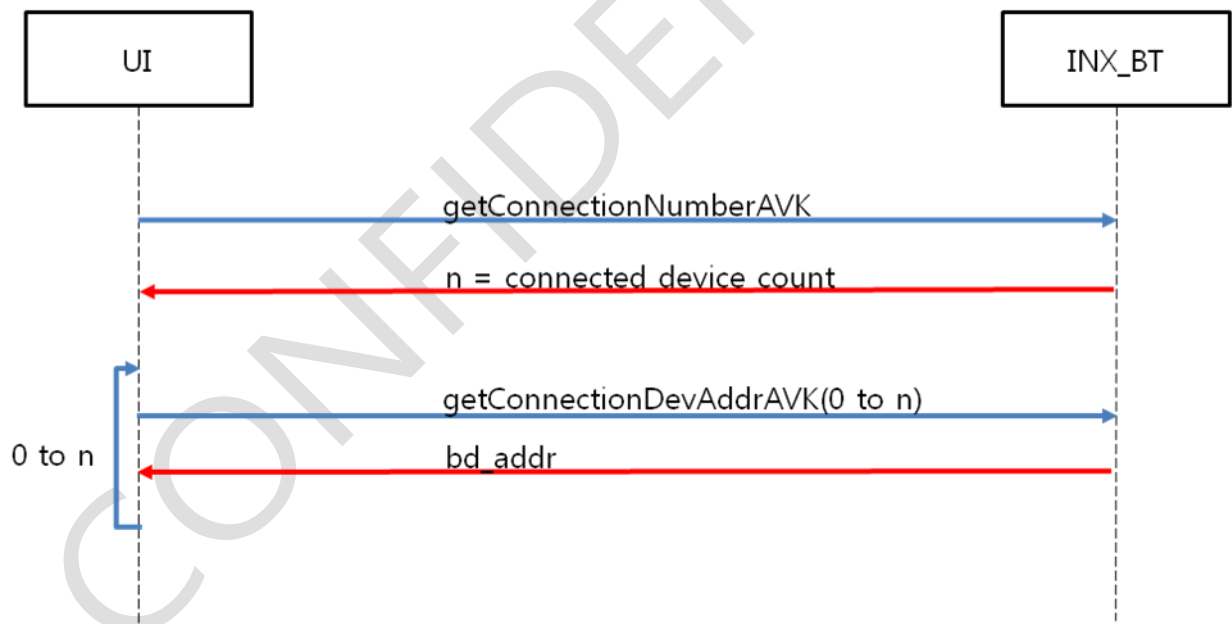
### 2.2.2 AVK disconnection



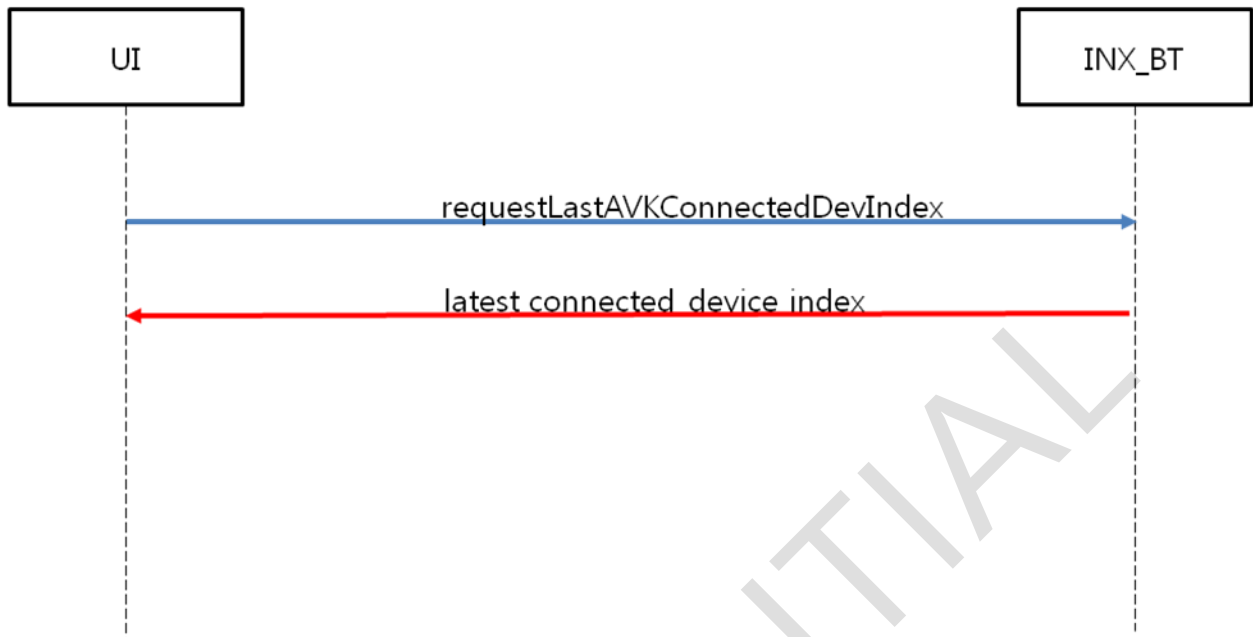
### 2.2.3 Get number of the AVK connection



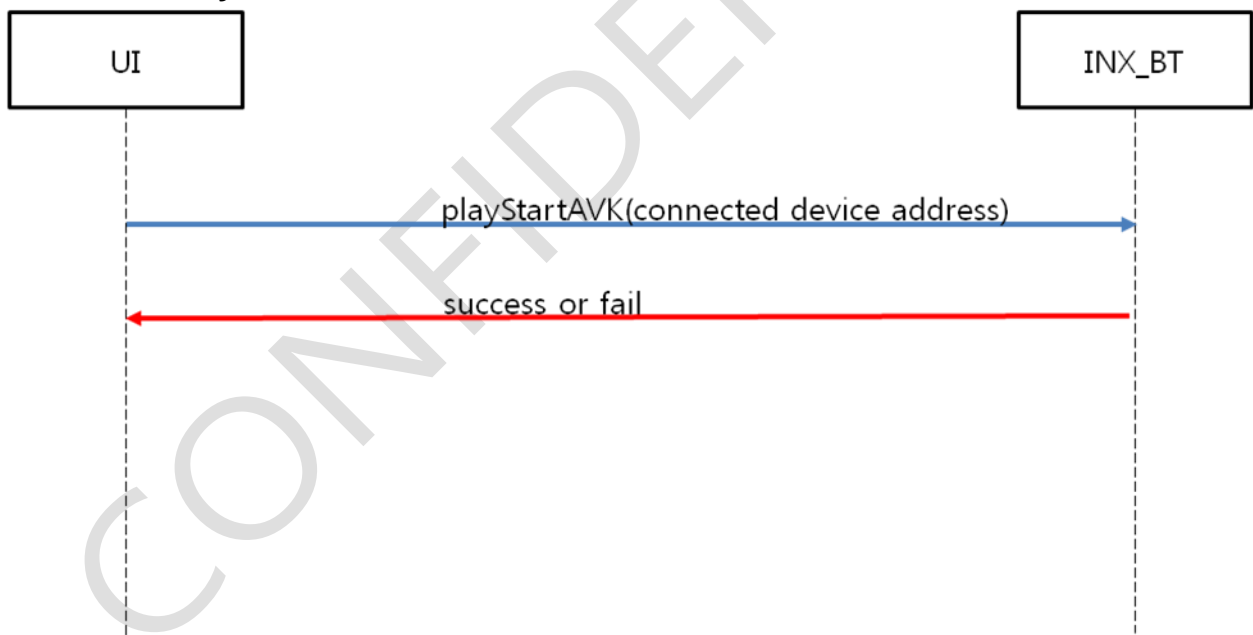
### 2.2.4 Get AVK connected device address



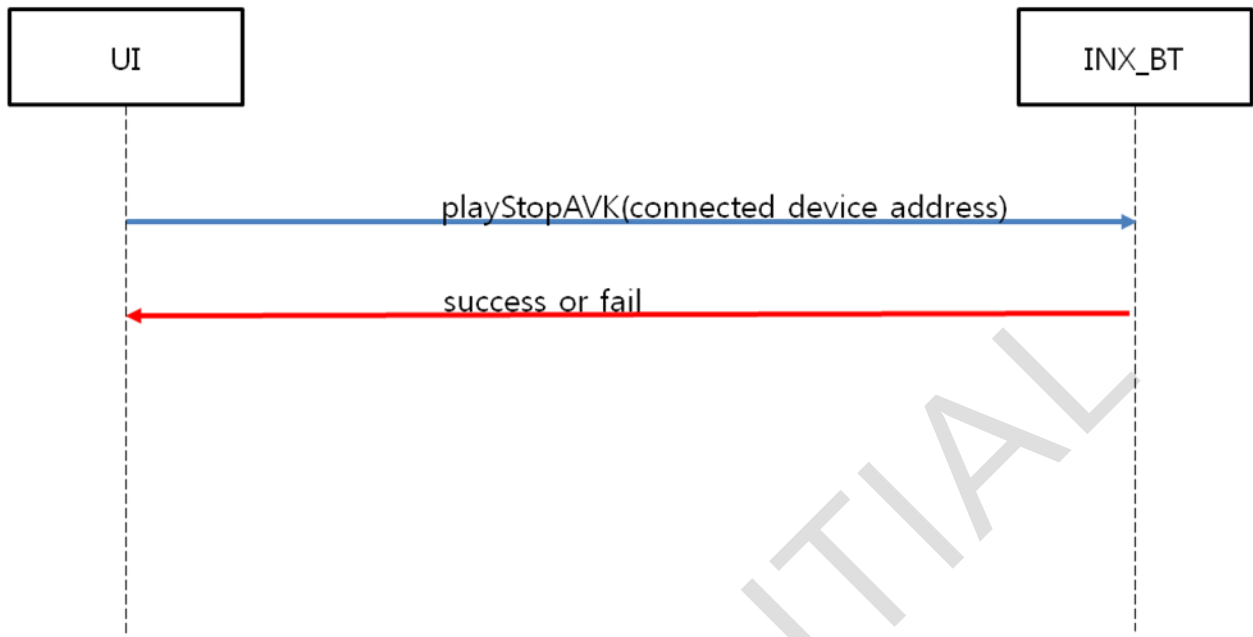
### 2.2.5 Get AVK latest connected device index



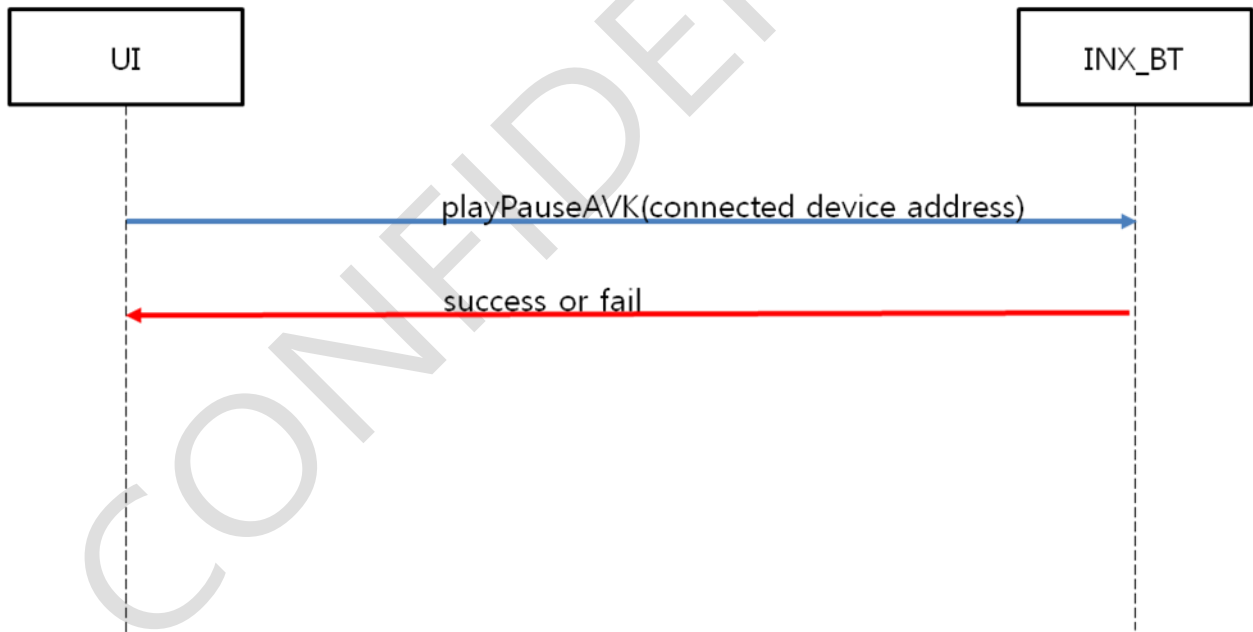
### 2.2.6 Play start



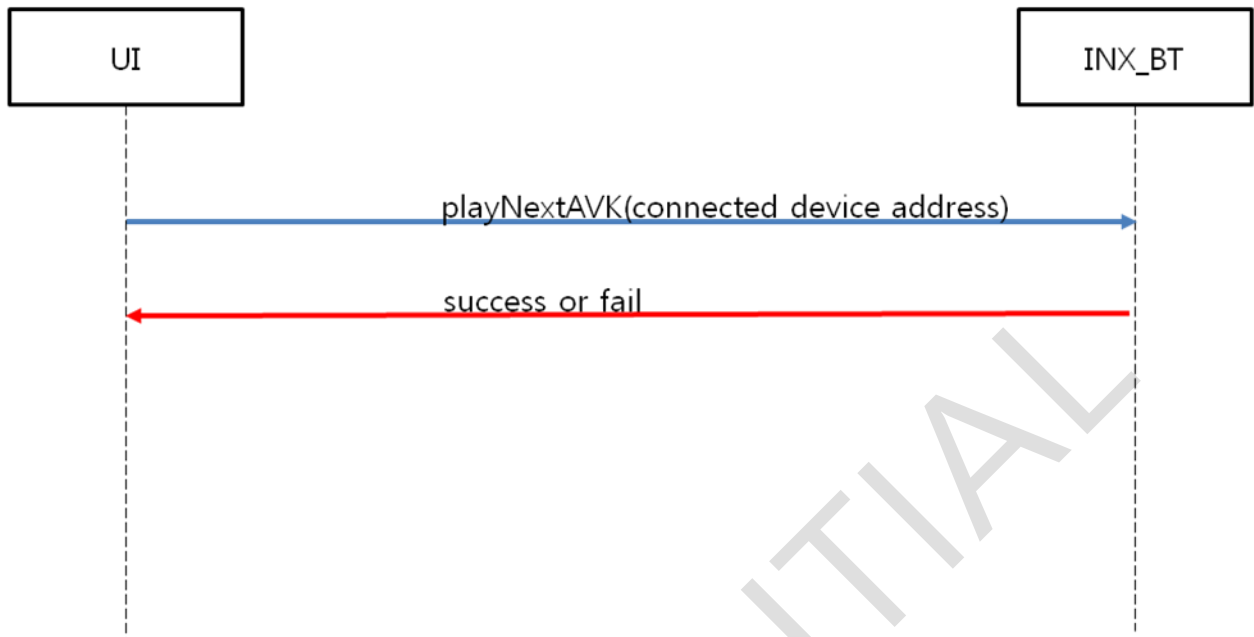
### 2.2.7 Play stop



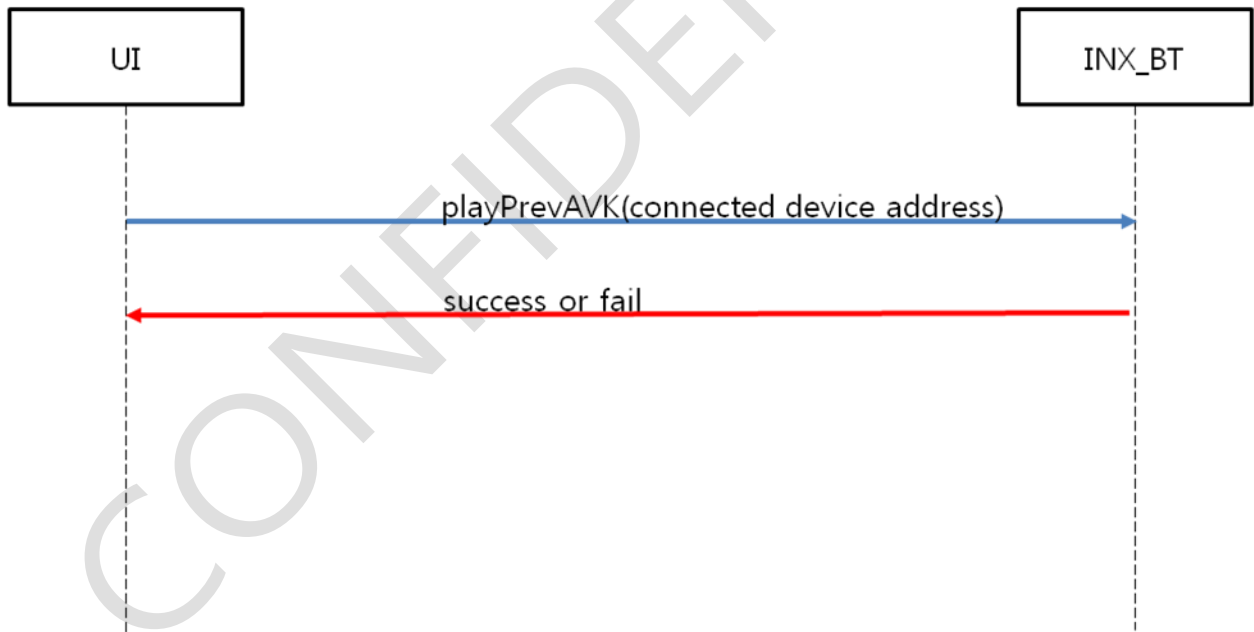
### 2.2.8 Play pause



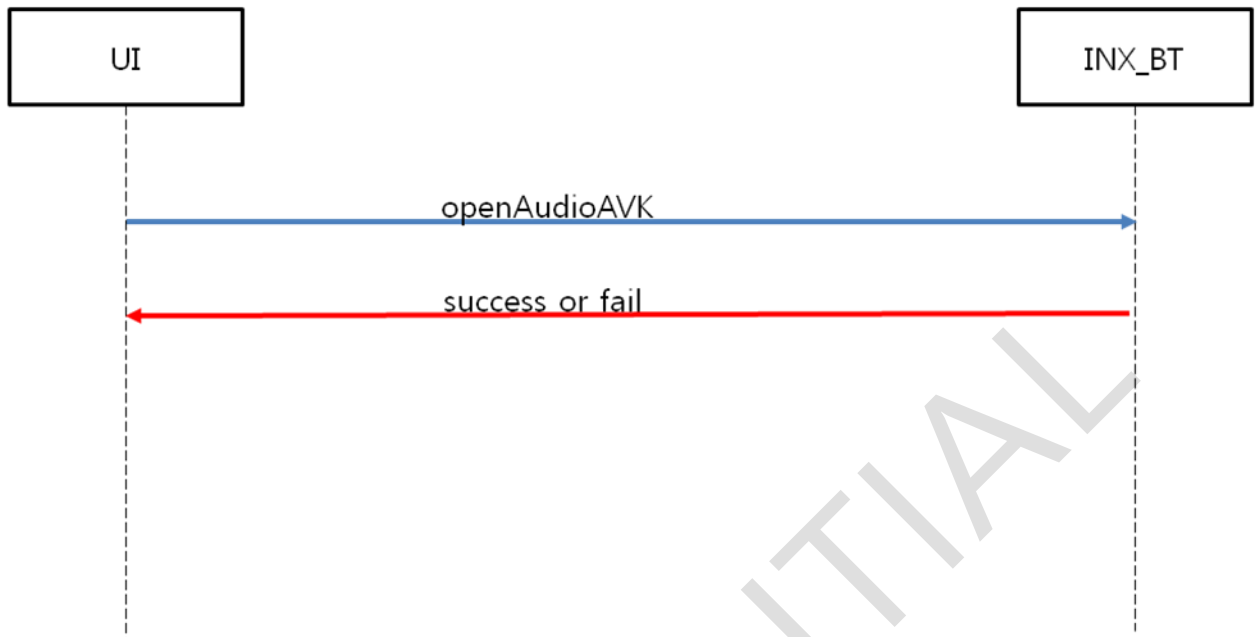
### 2.2.9 Play next



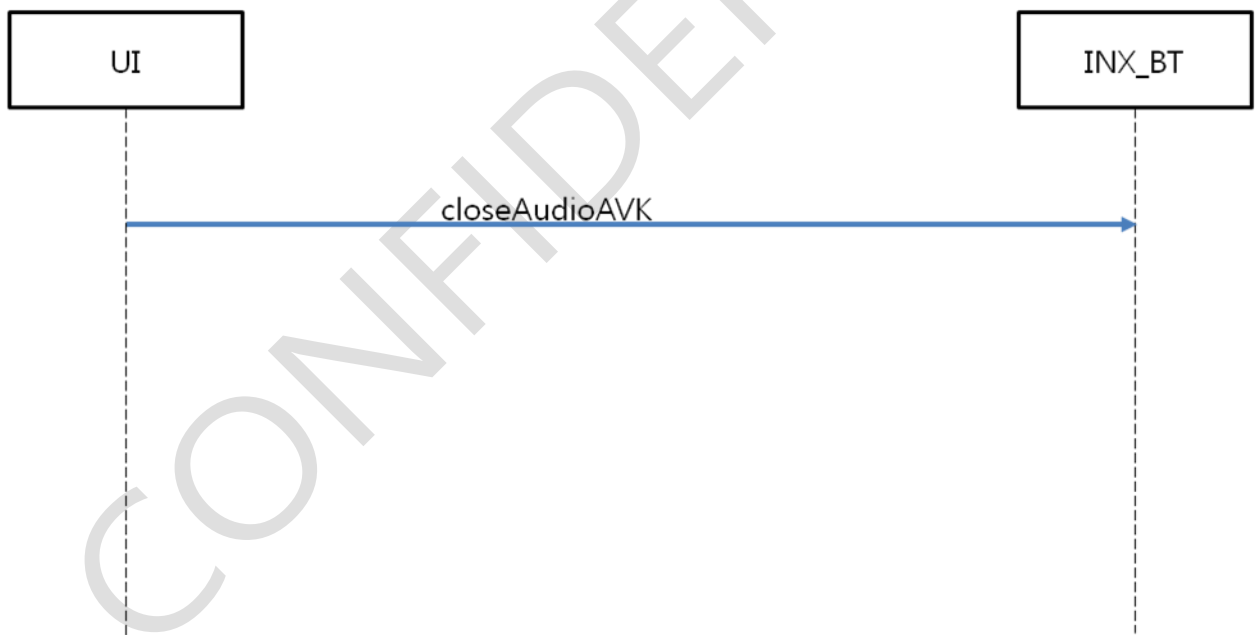
### 2.2.10 Play prev



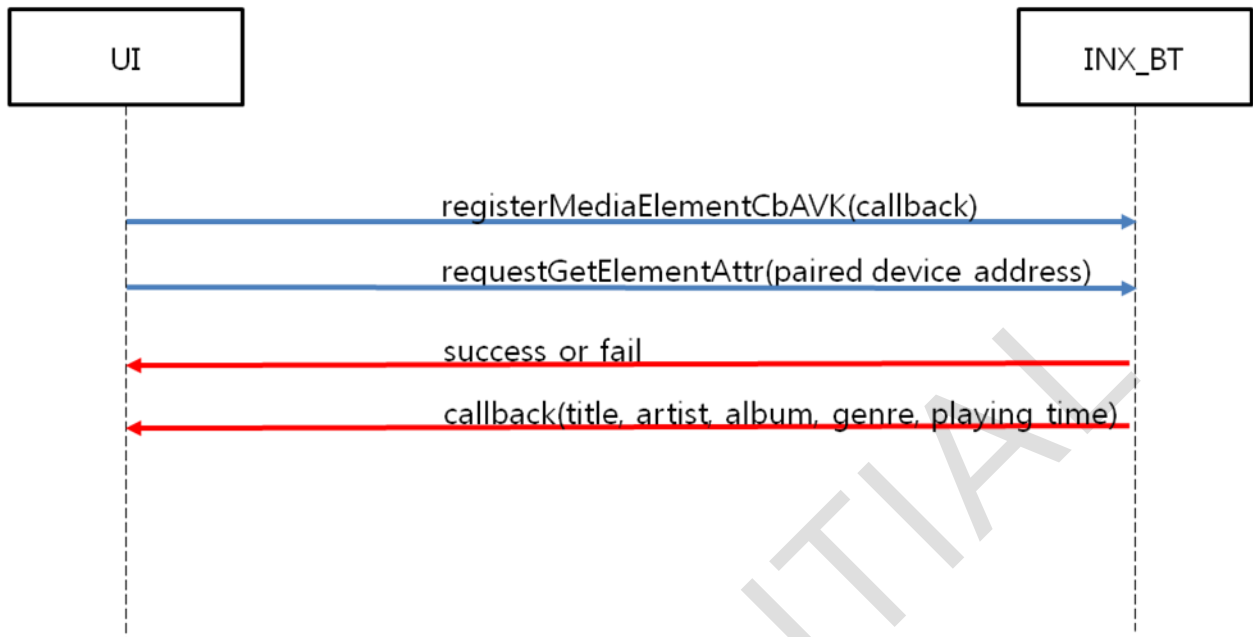
### 2.2.11 Open AVK audio device



### 2.2.12 Close AVK audio device

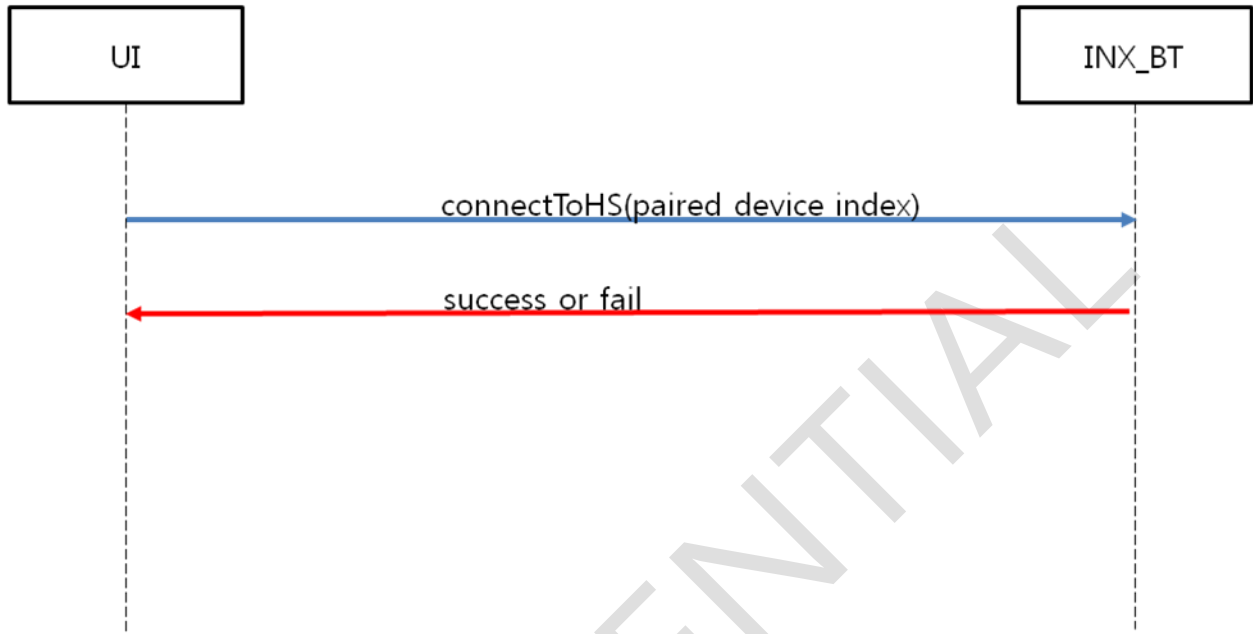




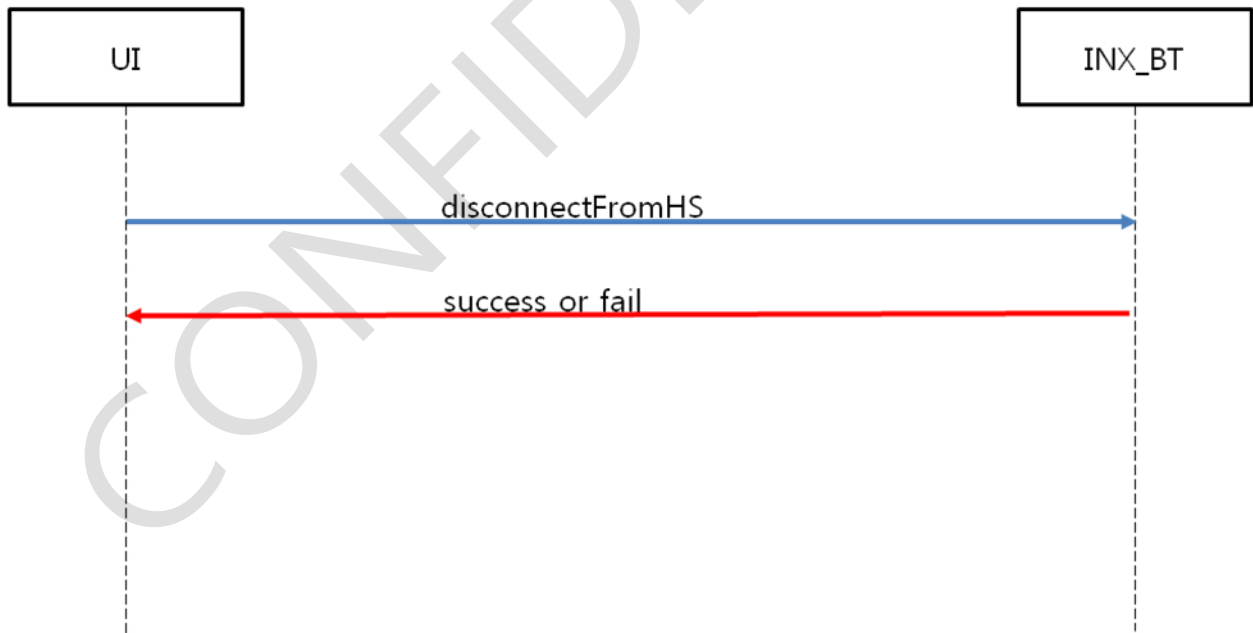
**2.2.13 Get media elements**

## 2.3 HS functions (HFP)

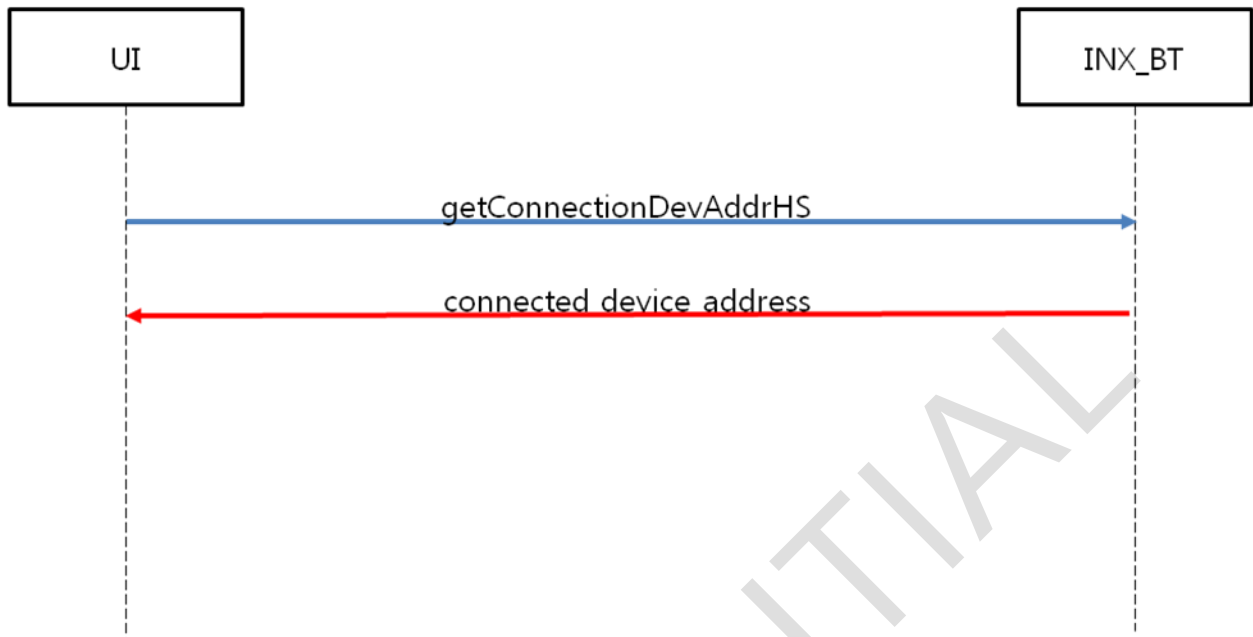
### 2.3.1 HS connection



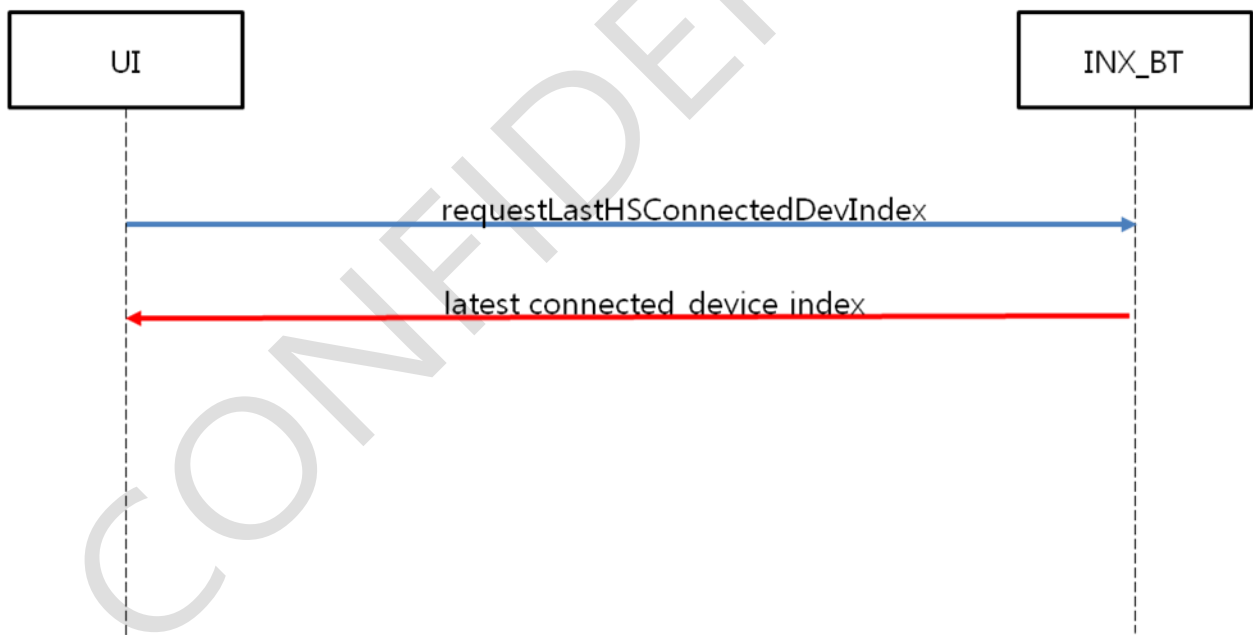
### 2.3.2 HS disconnection



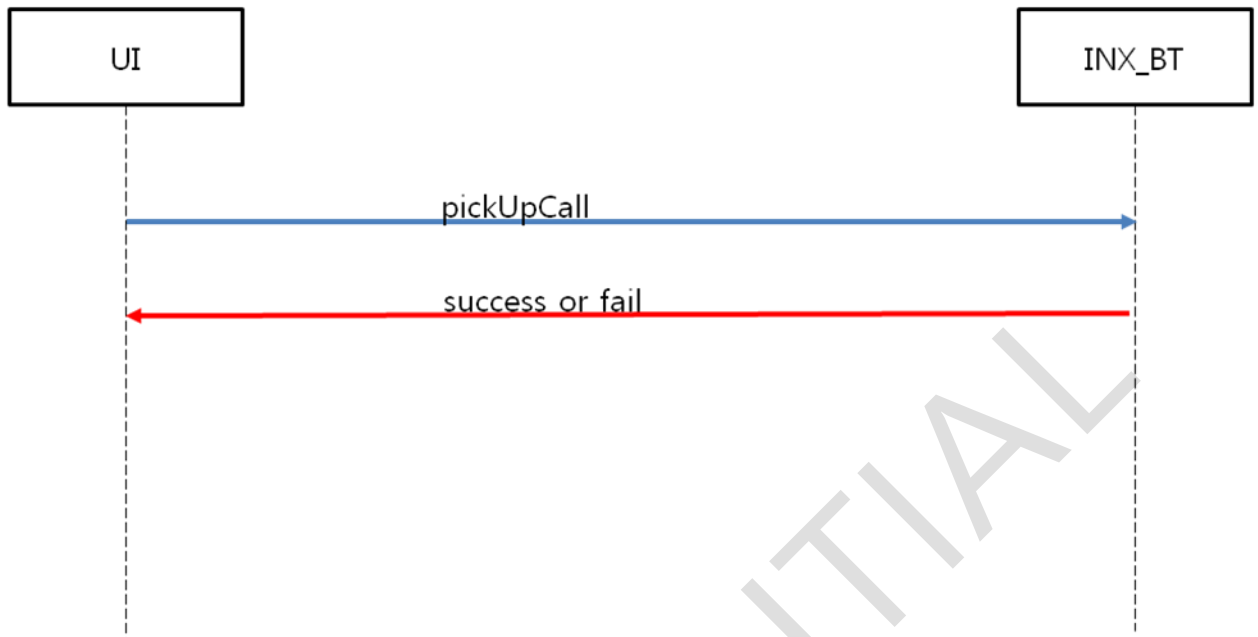
### 2.3.3 Get HS connected device address



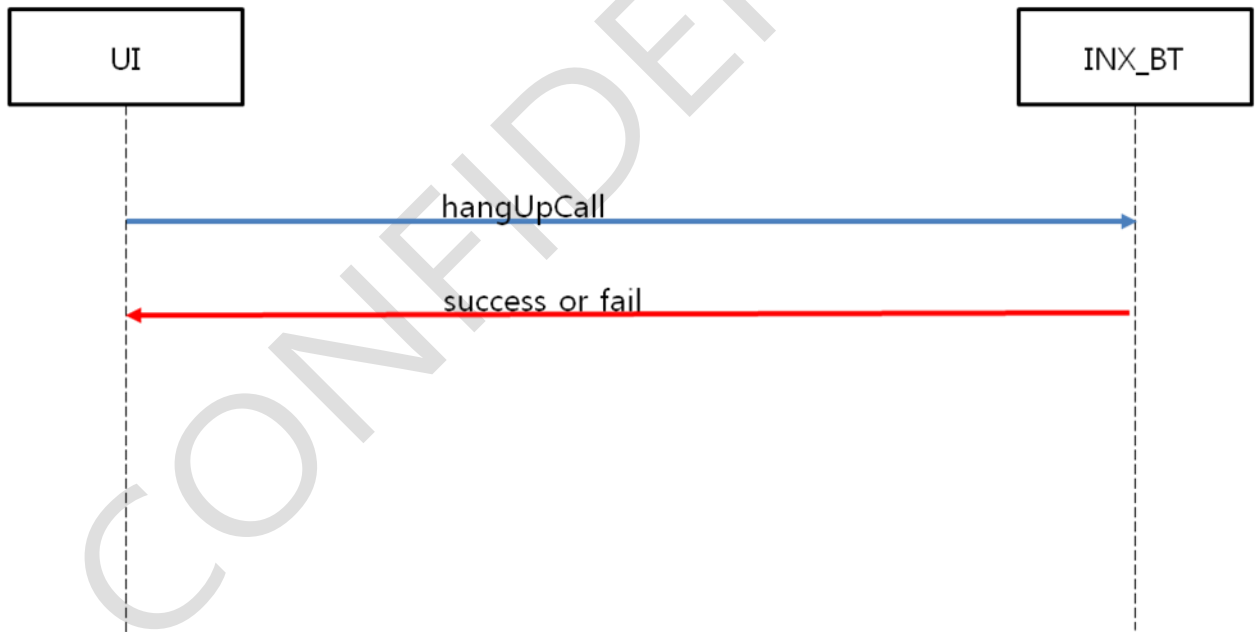
### 2.3.4 Get HS latest connected device index



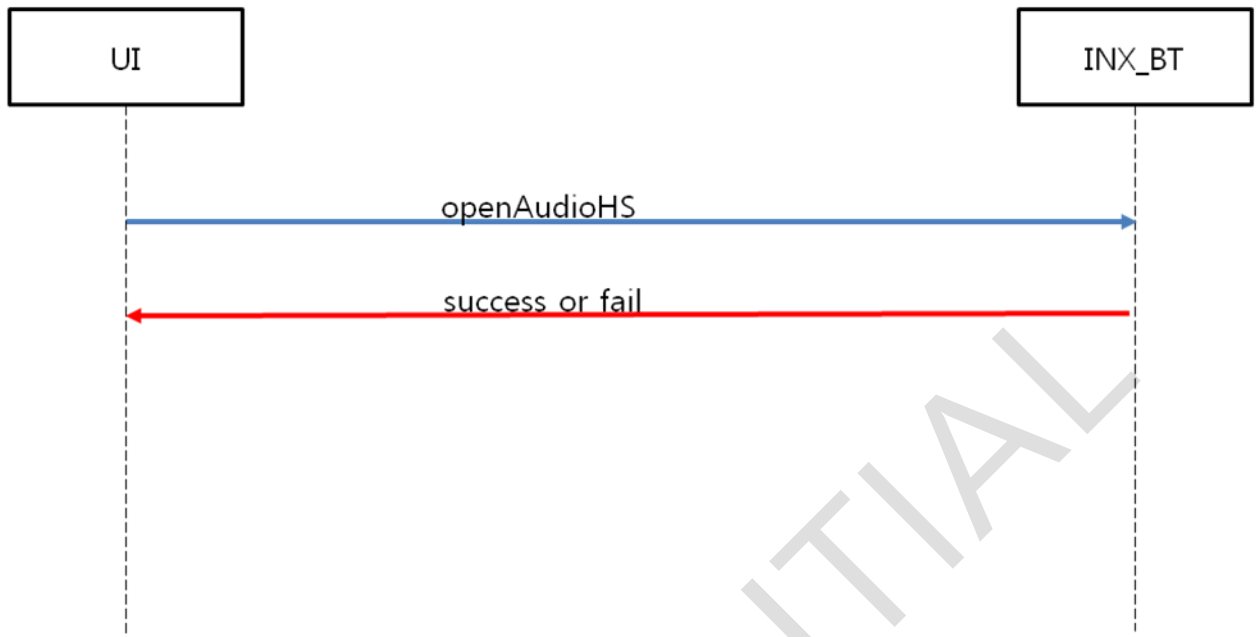
### 2.3.5 Pickup the call



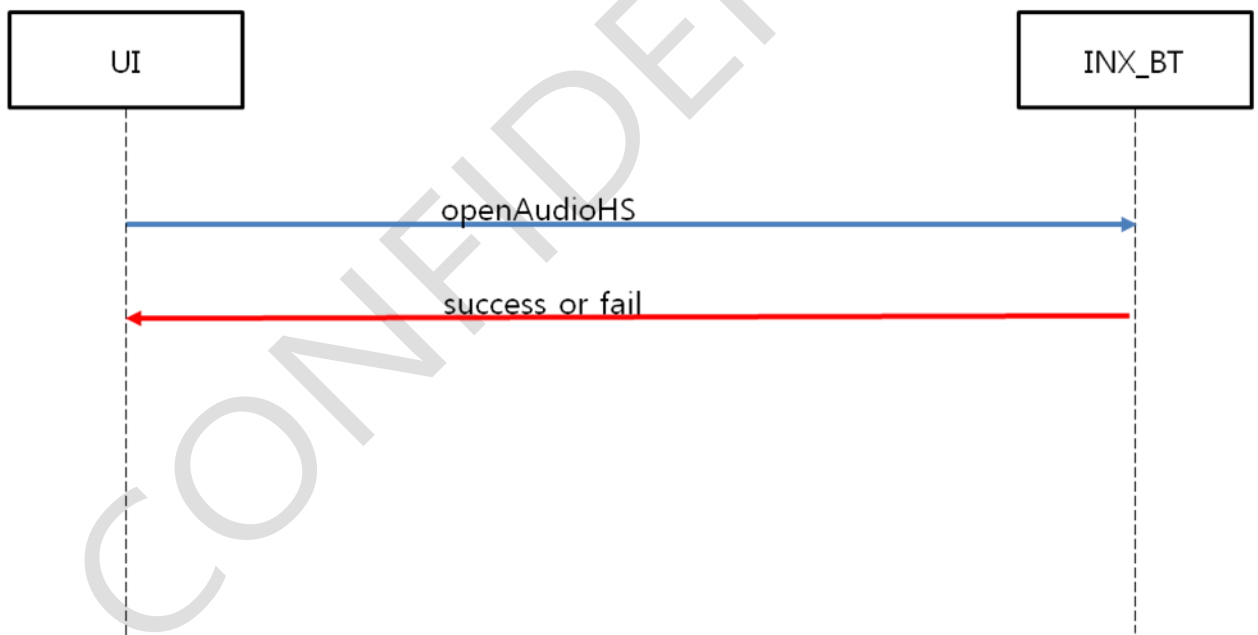
### 2.3.6 Hang up the call



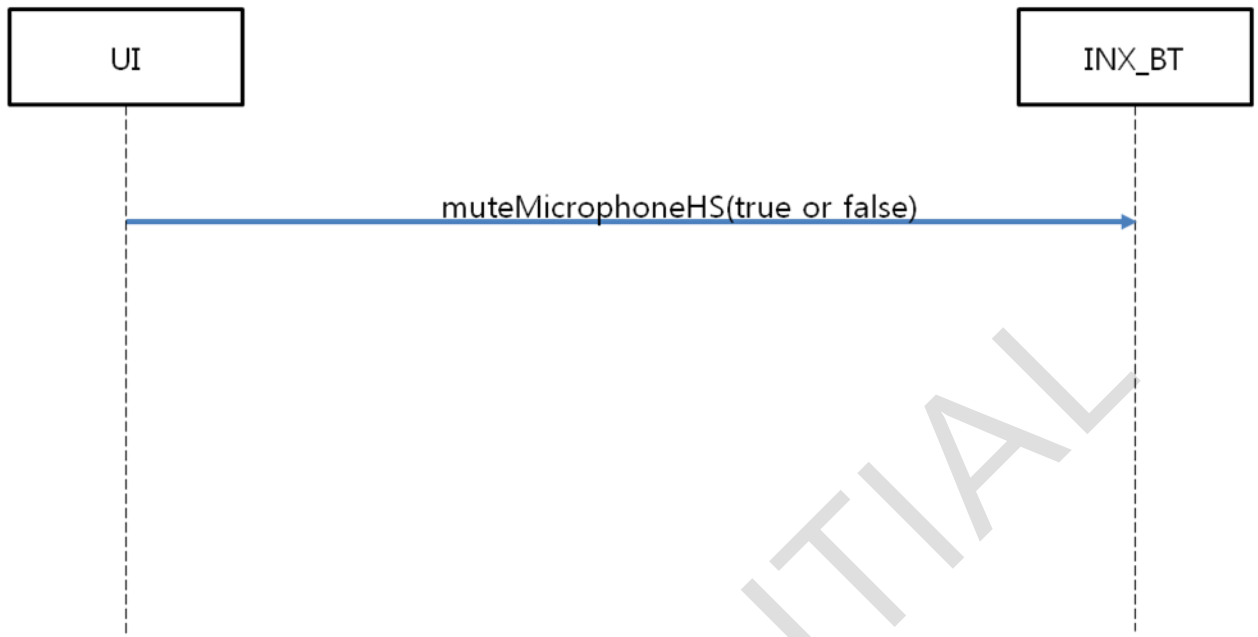
### 2.3.7 Open the HS audio



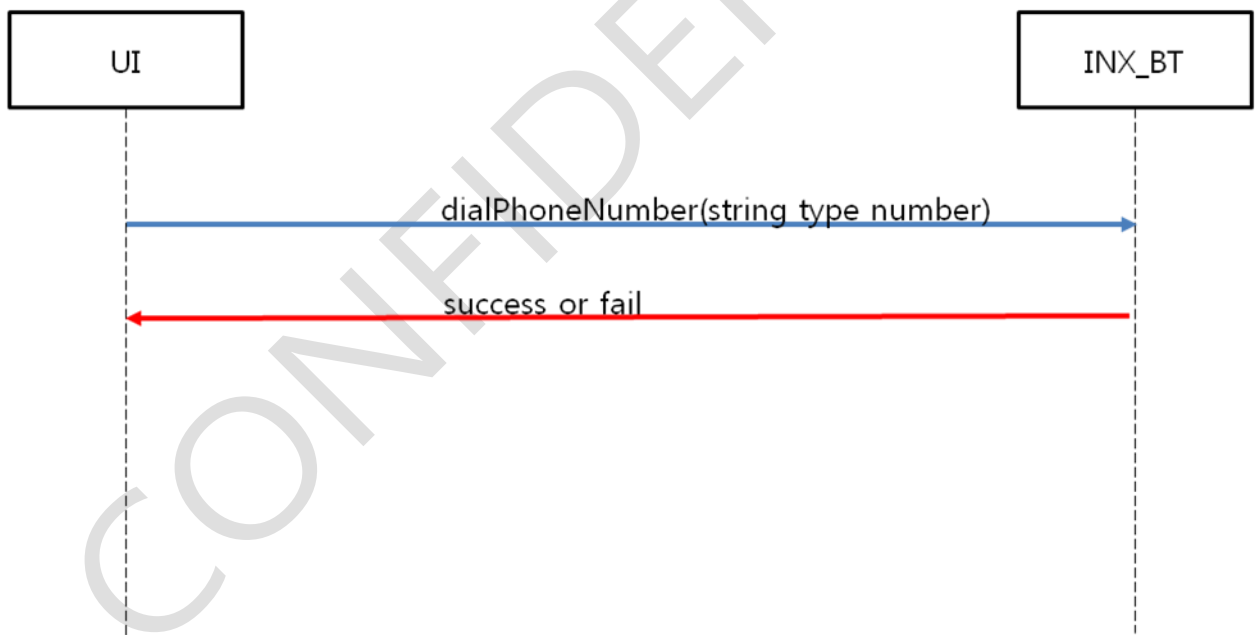
### 2.3.8 Close the HS audio



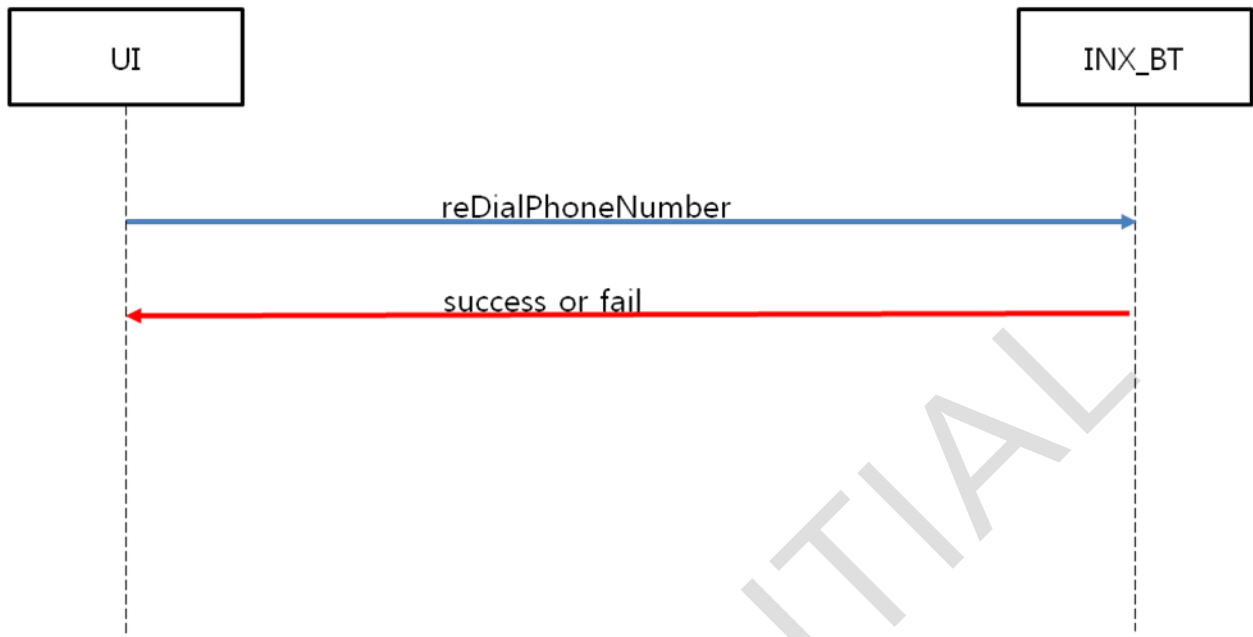
### 2.3.9 Mute/Unmute microphone



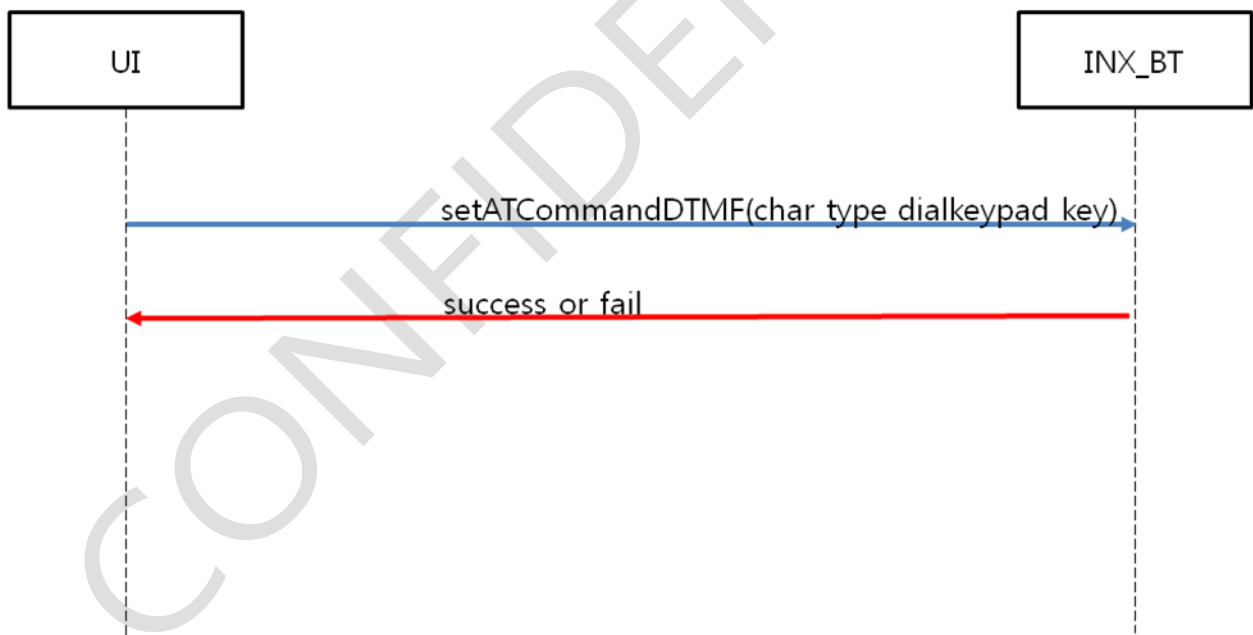
### 2.3.10 Dial

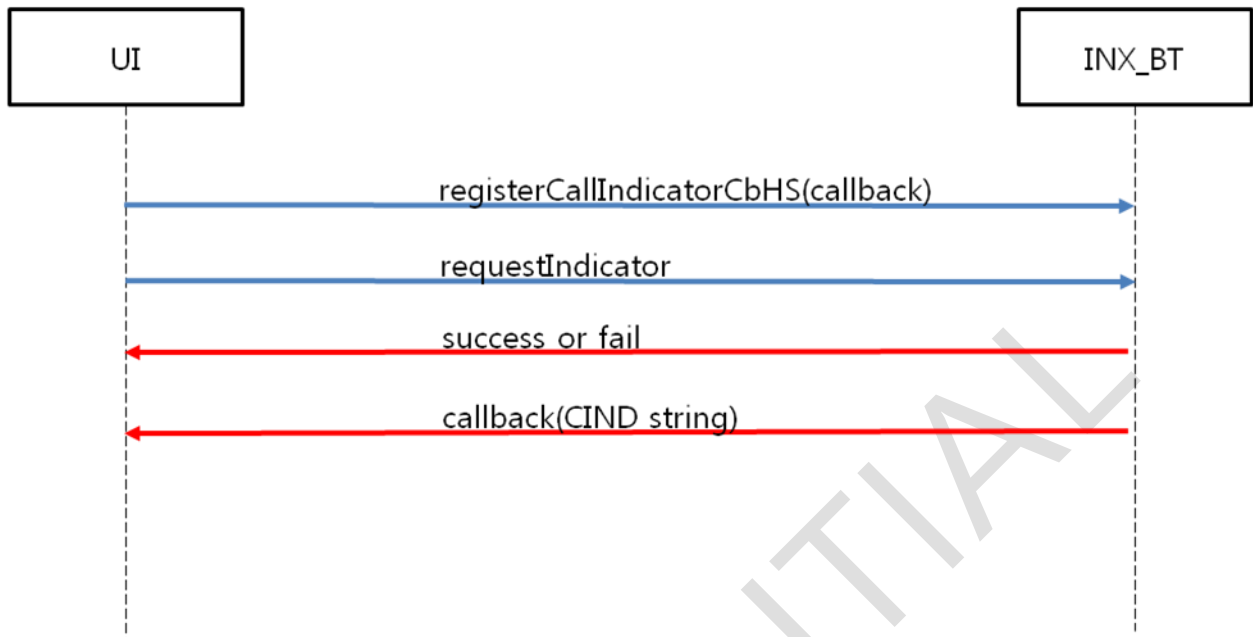
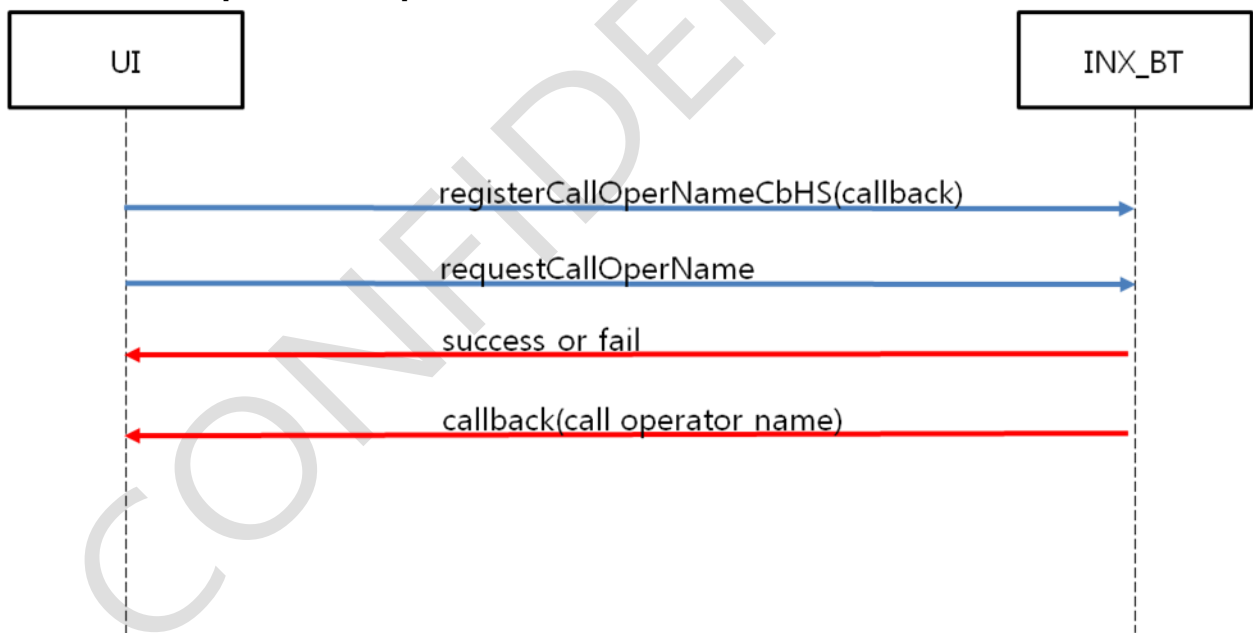


### 2.3.11 Redial

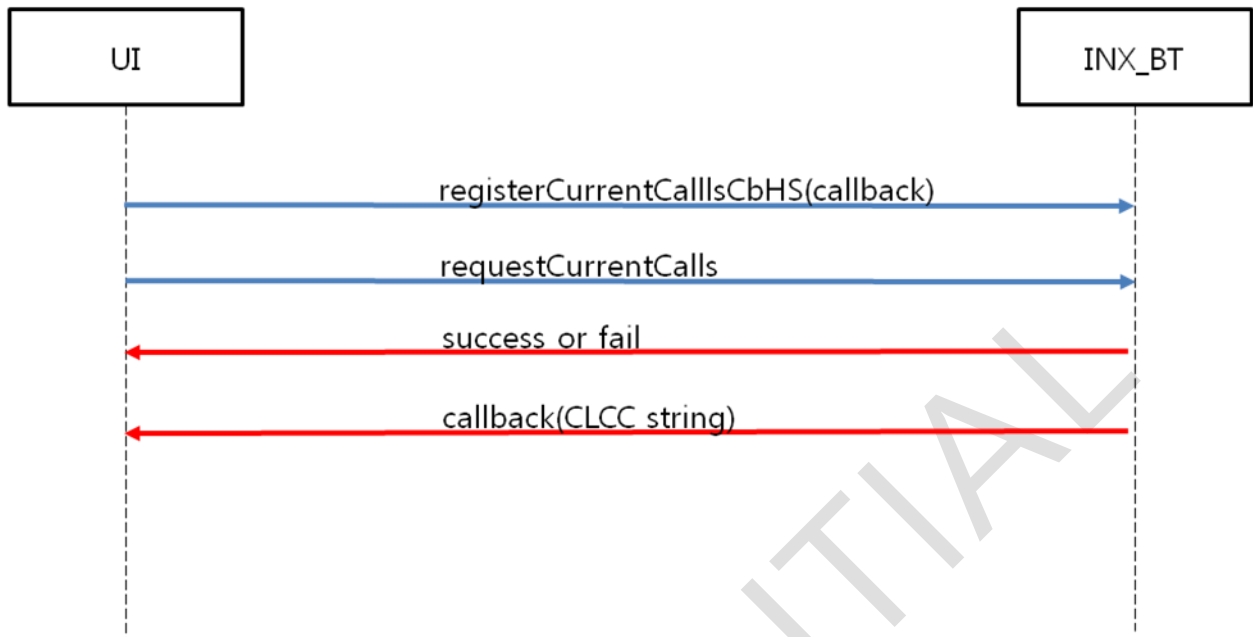
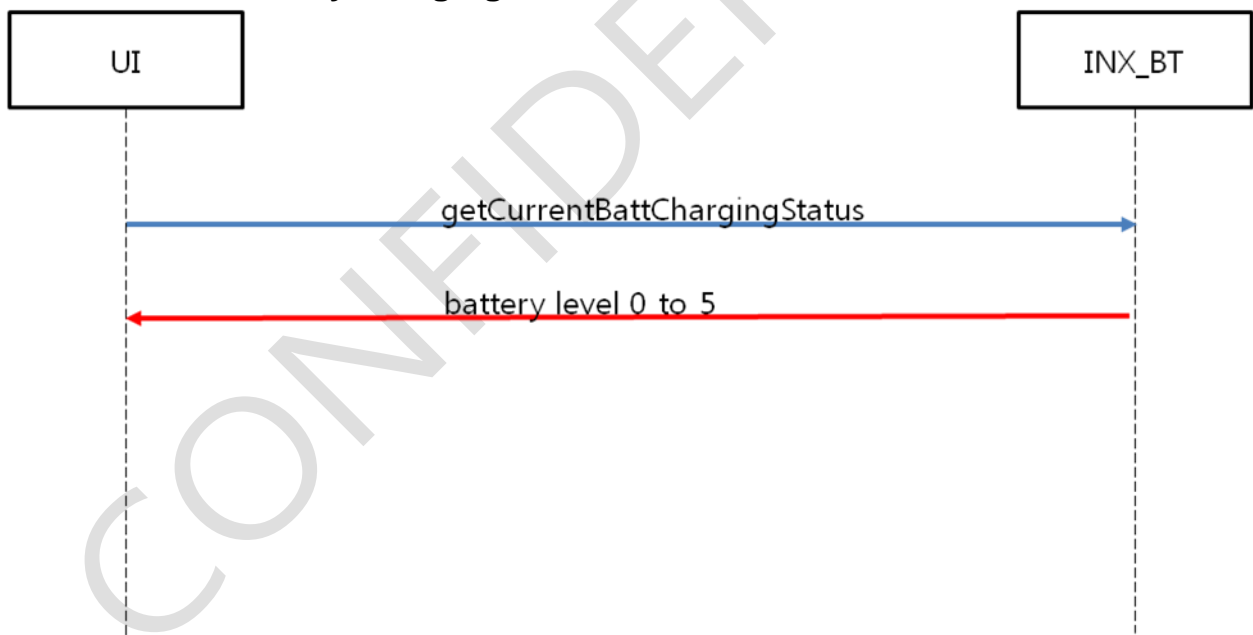


### 2.3.12 Send DTMF



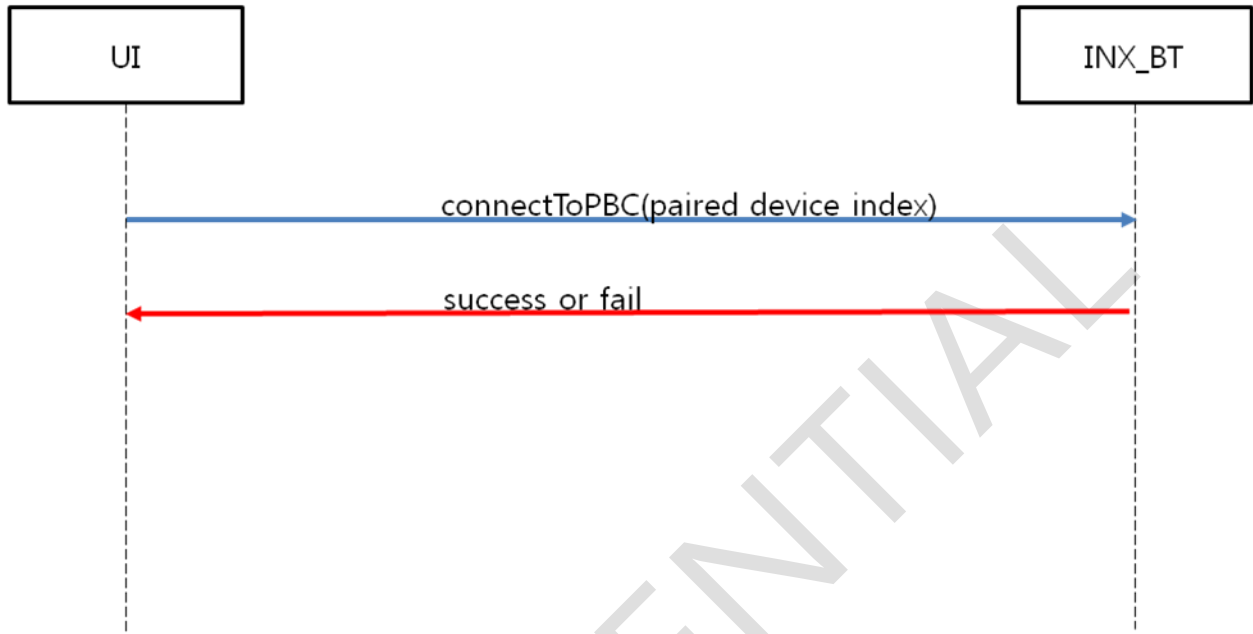
**2.3.13 Request indicator call****2.3.14 Request call operator's name**



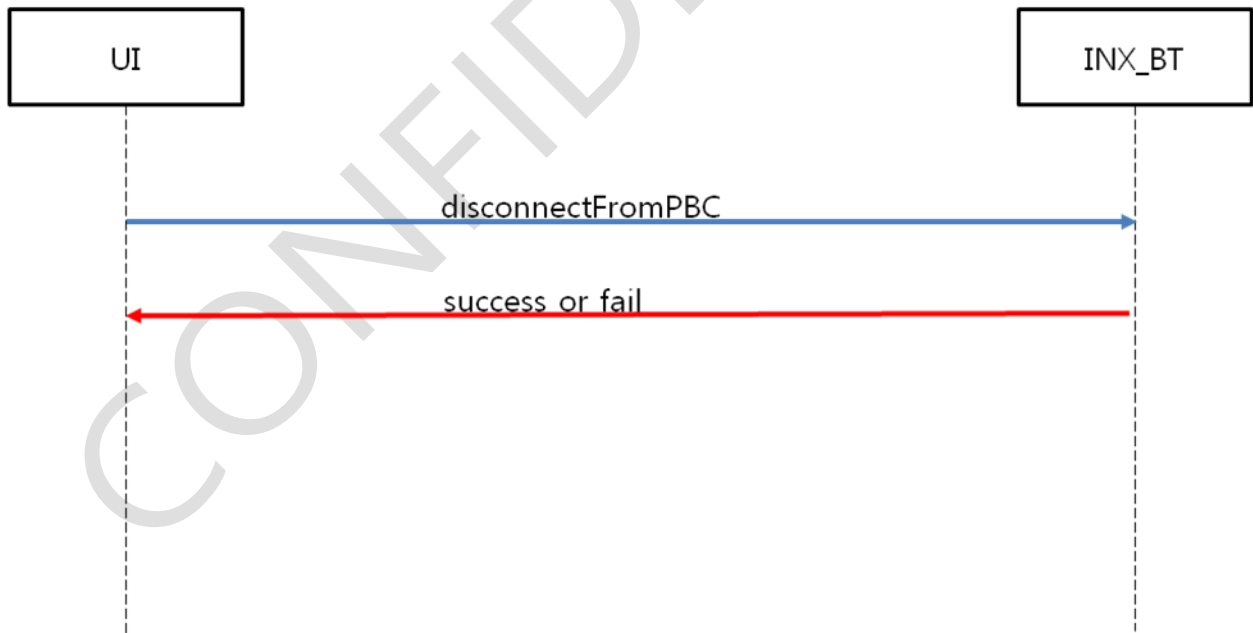
**2.3.15 Request current calls****2.3.16 Get battery charging level**

## 2.4 PBC functions (PBAP)

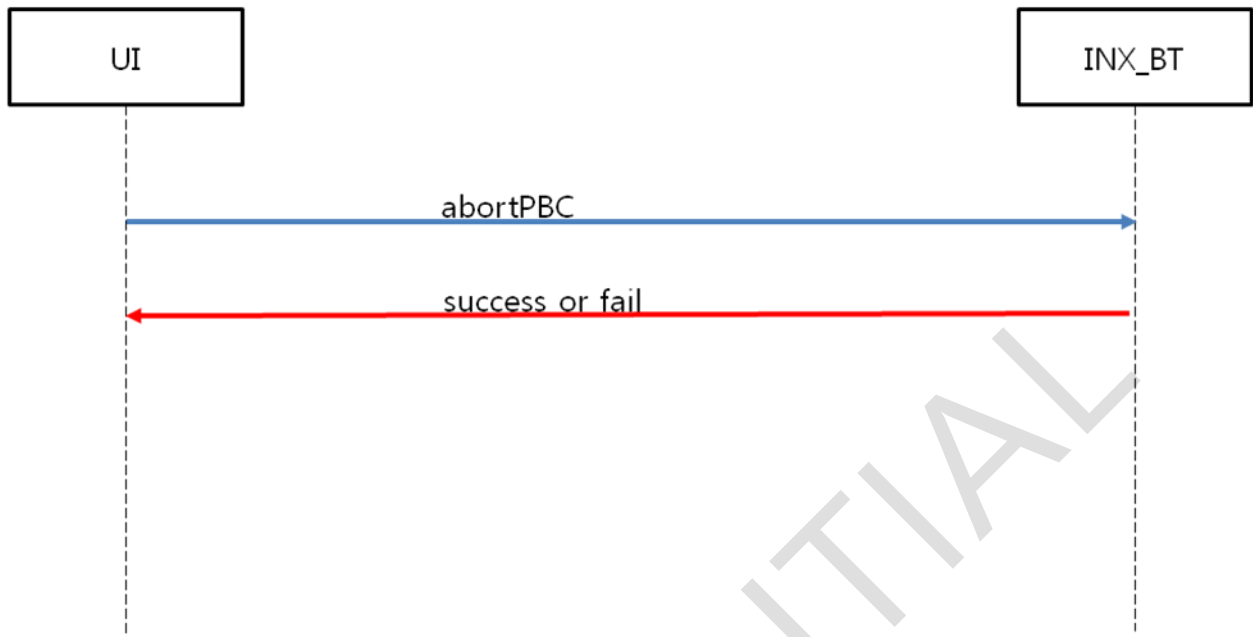
### 2.4.1 PBC connection



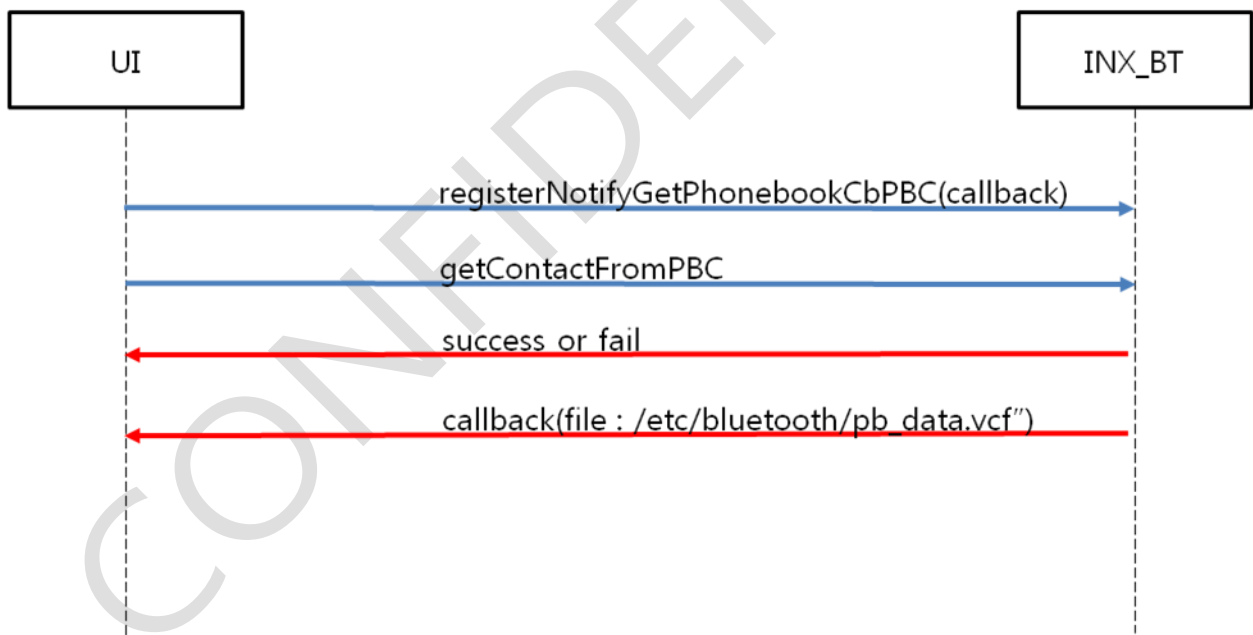
### 2.4.2 PBC disconnection

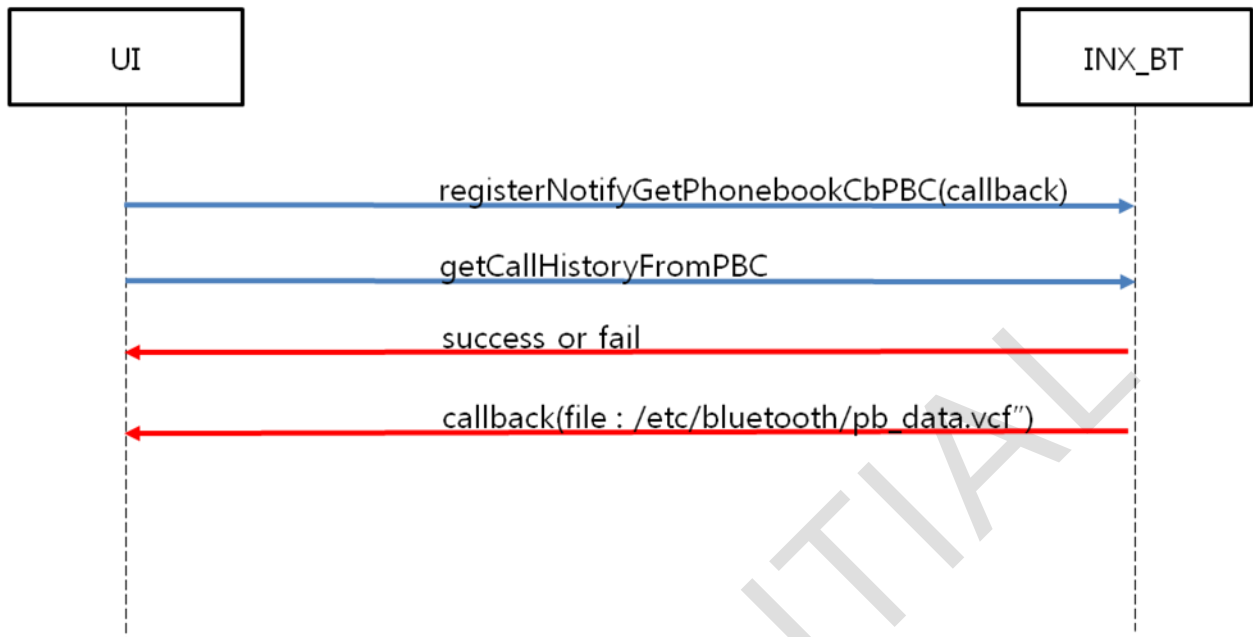


### 2.4.3 Abort PBC



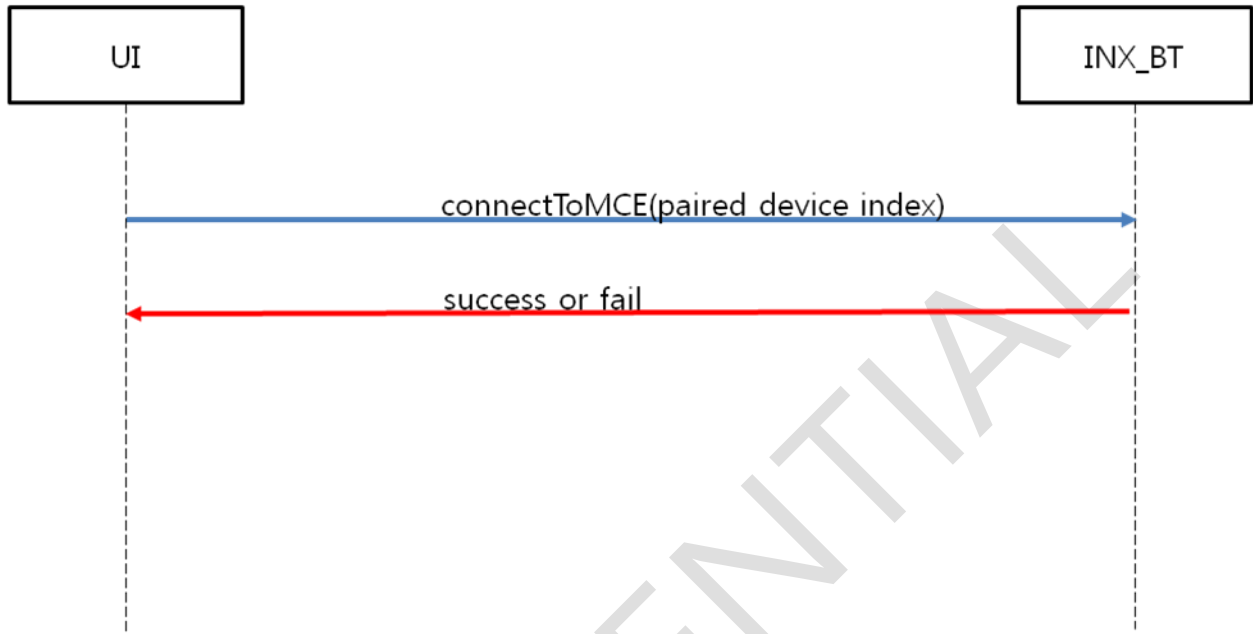
### 2.4.4 Get contacts



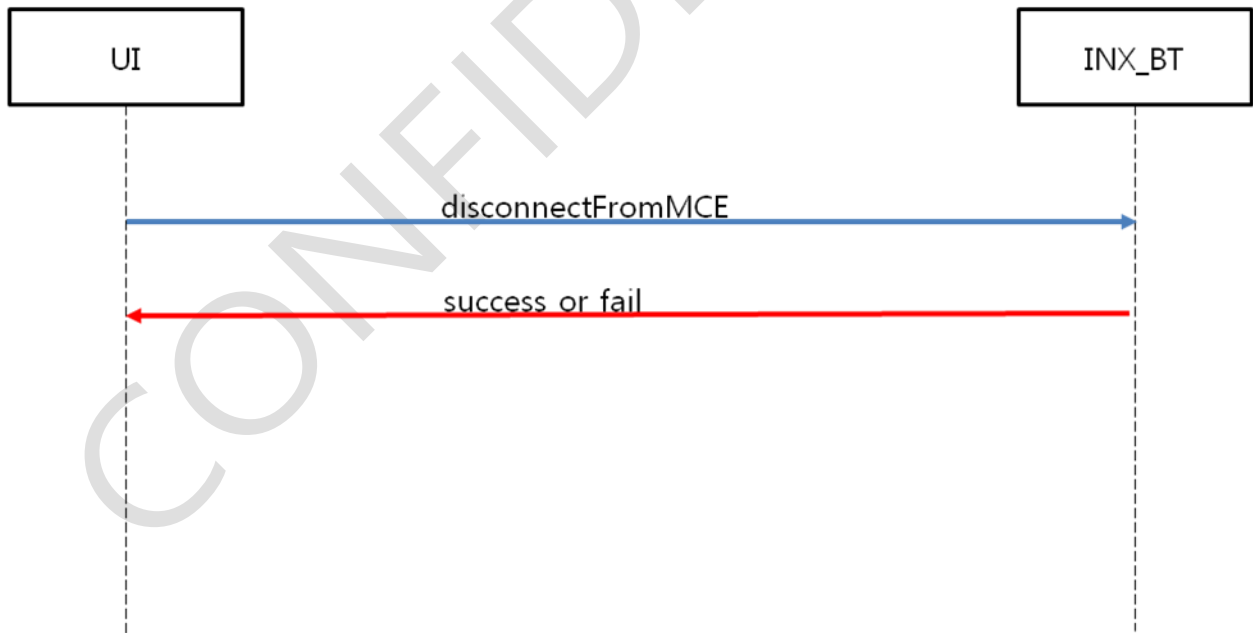
**2.4.5 Get a call log**

## 2.5 MCE functions (MAP)

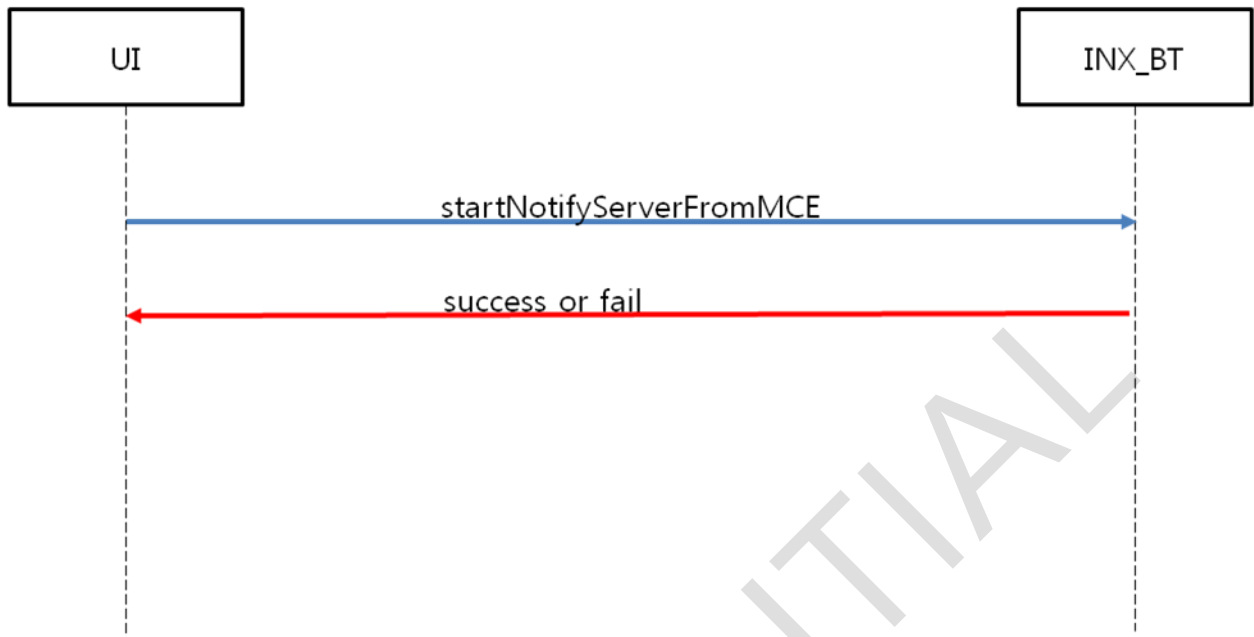
### 2.5.1 MCE connection



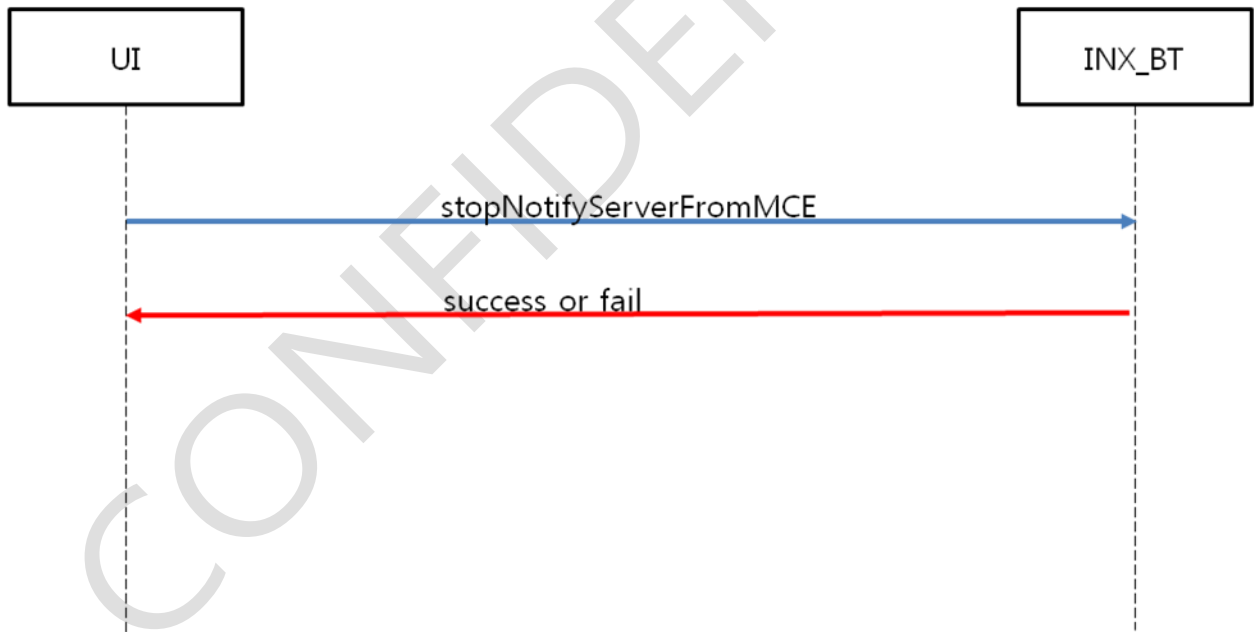
### 2.5.2 MCE disconnection



### 2.5.3 Start MNS



### 2.5.4 Stop MNS



**2.5.5 Get latest received message**