

Status:	CLOSED	Start date:	
Priority:	Normal	Due date:	
Assignee:	CD TPM-王祥林	% Done:	100%
Category:	AUDIO-FW	Estimated time:	0.00 hour
Target version:	VC1_FSE_0086_20230328	Found Version:	FlatBuild_HH_VX1_MCE_FSE.M.D.user.01.00.X101.2
Need_Info:	--	Degrated:	--
Resolution:	INVALID	Verified Version:	
Severity:	Normal	Fixed Version:	
Reproducibility:	Occasionally	Root cause:	未复现
Test Type:	ST		

Description

【前提条件】
设备刷机

【测试步骤】
1、push 两首mp3格式歌曲在设备 /sdcard/Download/中
2、连接2个BT耳机、1个蓝牙手柄
3、进入音乐APK ->播放音乐->上划返回桌面让音乐在后台运行
4、进入"设置"->"已连接的设备"—>点击"另1个蓝牙耳机"

【预期结果】
5. 音乐正常播放，从选择的蓝牙耳机中播放

【实际结果】
5. 音乐停止播放、控制中心音乐播放界面无音乐

【复现概率】
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【发生时间】在log的20221231-04：54：39前1分钟内

History
#1 - 2023-01-04 17:28 - CDTs-TEST 周婷 - Category changed from CD-APP to AUDIO-FW
#2 - 2023-01-05 17:37 - CD MM陈海波 - Start date changed from 2023-01-03 to 2023-01-20
#3 - 2023-01-05 17:37 - CD MM陈海波 - Due date set to 2023-01-19 - Start date deleted (2023-01-20)
#4 - 2023-01-06 17:00 - CD MM陈海波 - Status changed from New to ASSIGNED

从log分析, 音乐停止主要还是systemui 发送了消息, 获取到了音频焦点, 导致播放的音乐暂停了.

具体的log如下:

```
12-31 04:47:27.713 1488 6150 I MediaFocusControl: requestAudioFocus() from uid/pid 10089/7461 AA=USAGE_MEDIA/CONTENT_TYPE_MUSIC
clientId=android.media.AudioManager@218de0dcom.android.music.MediaPlaybackService$4@34cb1c2 callingPack=com.android.music req=1 flags=0x0
sdk=31
12-31 04:47:27.800 805 8051 D audio_hw_primary: start_output_stream: enter: stream(0xecb0eb00)usecase(3: compress-offload-playback) devices(0x80)
is_haptic_usecase(0)
12-31 04:47:28.135 805 8051 D audio_hw_primary: start_output_stream: exit
12-31 04:48:57.850 805 4540 D audio_hw_primary: start_output_stream: enter: stream(0xecb04330)usecase(1: low-latency-playback) devices(0x80)
is_haptic_usecase(0)
12-31 04:48:57.875 805 4540 D audio_hw_primary: start_output_stream: exit
12-31 04:48:57.971 1488 4658 I MediaFocusControl: requestAudioFocus() from uid/pid 10081/1954
AA=USAGE_NOTIFICATION/CONTENT_TYPE_SONIFICATION clientId=android.media.AudioManager@e95a65d callingPack=com.android.systemui
req=3 flags=0x0 sdk=31
```

但既然systemui 发送了消息, 那么会听到一个消息音才对.

正在和测试小伙伴确认进一步的信息.

如果是音乐暂停, 当消息未响起, 那还需要从audio侧研究下, 是否为正常的设计.

多谢!

#5 - 2023-01-17 20:31 - CD MM陈海波

- Category changed from AUDIO-FW to BSP

- Assignee changed from CD MM陈海波 to CD BSP 何伟

从log进行分析, 应该是driver堵塞住了.

需要audio bsp查看下堵塞的原因.

具体的log:

```
12-31 04:47:27.713 1488 6150 I MediaFocusControl: requestAudioFocus() from uid/pid 10089/7461 AA=USAGE_MEDIA/CONTENT_TYPE_MUSIC
clientId=android.media.AudioManager@218de0dcom.android.music.MediaPlaybackService$4@34cb1c2 callingPack=com.android.music req=1 flags=0x0
sdk=31
12-31 04:47:28.141 805 8051 D audio_hw_primary: No space available in compress driver, post msg to cb thread
12-31 04:47:28.800 805 8051 D audio_hw_primary: No space available in compress driver, post msg to cb thread
12-31 04:47:29.607 805 8051 D audio_hw_primary: No space available in compress driver, post msg to cb thread
```

堵住的原因很可能和下边的log相关:

```
12-31 04:45:48.989 805 1718 D audio_hw_primary: adev_set_parameters: enter: reconfigA2dp=true
12-31 04:45:48.989 805 1718 D audio_hw_primary: reconfigure a2dp... forcing device switch
12-31 04:45:48.989 805 1718 D audio_hw_primary: Switching to speaker and muting the stream before select_devices
```

这个log产生的原因主要是蓝牙模块频繁调用audio接口setParameter接口(reconfigA2dp=true).

因为需要重新配置a2dp, 会强制切换speaker, 但由于没有中控, 导致数据传输堵塞, 无法进行下一步操作, 蓝牙无法接收到数据. <-麻烦看下是否是此原因导致.

多谢!

#6 - 2023-02-02 19:59 - CD BSP何伟
- Due date changed from 2023-01-19 to 2023-02-06

#7 - 2023-02-06 19:47 - CD BSP何伟
- Due date changed from 2023-02-06 to 2023-02-07

需要依赖中控环境去测试，但现在环境还有问题，需要先解决环境问题后再调查该问题

#8 - 2023-02-07 14:03 - CDTS-TEST 周婷
- Due date deleted (2023-02-07)

等待中控环境调整完成继续调查

#9 - 2023-02-14 10:56 - CDTS-TEST 周婷
- Due date set to 2023-02-21

#10 - 2023-02-17 09:53 - CD TPM-王祥林
- Target version set to VC1_FSE_0078_20230228

#11 - 2023-02-22 10:35 - CDTS-TEST 周婷
- Due date changed from 2023-02-21 to 2023-02-23

#12 - 2023-02-28 13:56 - CDTS-TEST 周婷
- Due date deleted (2023-02-23)

请重新确认解决时间

#13 - 2023-02-28 14:22 - CD TPM-王祥林
- Target version changed from VC1_FSE_0078_20230228 to VC1_FSE_0082_20230314

#14 - 2023-03-08 10:23 - CD BSP-杜磊
- Assignee changed from CD BSP何伟 to Multimedia组-RD3_TSCD 梁卿山

#15 - 2023-03-08 10:32 - CD BSP-杜磊
- Assignee changed from Multimedia组-RD3_TSCD 梁卿山 to CD BSP-唐金泽

#16 - 2023-03-23 11:38 - CD BSP-唐金泽
- Category changed from BSP to AUDIO-FW
- Status changed from ASSIGNED to RESOLVED
- Assignee changed from CD BSP-唐金泽 to CDTS_TEST 王成

hi 王成
我这验证没有复现，请安排相应同事进行检测；
怀疑近期BT代码优化，已经解决该问题。

- #17 - 2023-03-23 11:38 - CD BSP-唐金泽
- Resolution set to INVALID
 - Root cause set to 未复现
- #18 - 2023-03-23 11:46 - CDTS_TEST 王成
- Assignee changed from CDTS_TEST 王成 to CD Test赵飞
- #19 - 2023-03-23 14:30 - CDTS_TEST 王成
- Target version changed from VC1_FSE_0082_20230314 to VC1_FSE_0086_20230328
- #20 - 2023-03-27 19:23 - CD Test赵飞
- % Done changed from 0 to 80

验证版本：FlatBuild_HH_MCE_FSE.M.D.user.01.00.C102.202303260013
验证结果：PASS
偶现问题，继续跟踪2个版本

#21 - 2023-03-29 10:45 - CD Test赵飞

验证版本：FlatBuild_HH_MCE_FSE.M.R.user.01.00.0086.C102
验证结果：PASS
偶现问题，继续跟踪1个版本

#22 - 2023-04-03 10:49 - CD Test赵飞

- Status changed from RESOLVED to VERIFIED

验证版本：FlatBuild_HH_MCE_FSE.M.D.user.01.00.C102.202304010020
验证结果：PASS
已跟踪3个版本不复现，关闭此问题

#23 - 2023-04-03 10:49 - CD Test赵飞

- Status changed from VERIFIED to CLOSED
- % Done changed from 80 to 100

#24 - 2023-04-24 13:45 - CDTS_TEST 王成

- Assignee changed from CD Test赵飞 to CD TPM-王祥林

麻烦看看这个BUG是否需要再次跟踪处理

Files			
logcat_BT_unplay_music.txt	16.5 MB	2023-01-03	CDTS_TEST 刘勇