FIBOCOM_L610_AT_Commands_User_Manual_Play_Record

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Application type

No.	Type	Note
1	L610 Series	NA

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Versions

Version	Author	Assessor	Approver	Update date	Remark
V1.0.0	Wangjing	Long Zhongyou	Long Zhongyou	2020-02-07	Initial version

Contents

1 PLAY RECORD Command

1.1 PLAY RECORD Introduction

This section includes the following items:

Play audio files.

Record audio files.

It is advised to select the audio mode according to the application needs.

1.2 PLAY RECORD Commands

1.2.1 +AUDPLAY, Play Audio Media File

1.2.1.1 Description

This command is used for playing audio media file.

When audio file playing end normally or the playing process is interrupted by other operations or actively stop playing the audio file, enable unsolicited result code +AUDPLAY: END.

AT+AUDPLAY? Which Means reading the existing audio files information

1.2.1.2 Syntax

Command	Response/Action
+AUDPLAY= <operation>,[<fileNumber>[,<format>]]	OK [+AUDPLAY: END] or ERROR
+AUDPLAY?	+AUDPLAY: <fileNumber>,<format>,<size> ... OK
+AUDPLAY=?	+AUDPLAY: (range of <operation>),(range of <fileNumber>),(range of <format>) OK

1.2.1.3 Attributes

Pin Restricted	Persistent	Sync Mode	Execute Immediately	Time of duration
No	No	No	Yes	<1s

1.2.1.4 Defined Values

<operation>: Start or stop play

    0: Stop play

    1: Start play

<fileNumber>: Audio media file index for playing.

    1: audio_1 file

    2: audio_2 file

    3: audio_3 file

    4: audio_4 file

    5: audio_5 file

    6: audio_6 file

    7: audio_7 file

    8: audio_8 file

    9: audio_9 file

    10: audio_10 file

Notes:

    When <operation> is 1, <fileNumber> is required.

<format>: Audio format. By default is AMR format

    0: WAV format

    1: AMR format *

    2: PCM format

    3: MP3 format

<Size>: Audio size, the unit is byte

Remarks: AMR format is reserve, it don't support now.

1.2.2 +AUDREC, Record Audio Media File

1.2.2.1 Description

This command is used for recording audio media file.

When audio file size which is recording exceeds the platform limit, stop recording and enable unsolicited result code + AUDREC: END.

When the recording process is interrupted by other operations, enable unsolicited result code + AUDREC: END.

When actively stop recording the audio file, enable unsolicited result code +AUDREC: END.

1.2.2.2 Syntax

Command	Response/Action
+AUDREC= <operation>,[<fileNumber>[,<format>]]	OK [+AUDREC: END] or ERROR
+AUDREC=?	+AUDREC: (range of <operation>),(range of <fileNumber>),(range of <format>) OK

1.2.2.3 Attributes

Pin Restricted	Persistent	Sync Mode	Execute Immediately	Time of duration
No	Yes	No	Yes	<1s

1.2.2.4 Defined Values

<operation>: Start or stop record

   0: Stop record

   1: Start record

<fileNumber>: Audio media file index for recording.

   1: audio_1 file

   2: audio_2 file

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3: audio_3 file

4: audio_4 file

5: audio_5 file

6: audio_6 file

7: audio_7 file

8: audio_8 file

9: audio_9 file

10: audio_10 file

Notes:

When <operation> is 1, <fileNumber> is required.

<format>: Audio format. By default is AMR format

0: WAV format

1: AMR format *

2: PCM format

Remarks: AMR format is reserve, it don't support now.

1.2.3 +AUDRM, Remove Audio Media File

1.2.3.1 Description

This command is used for removing audio media file.

1.2.3.2 Syntax

Command	Response/Action
+AUDRM=<fileNumber>	OK or ERROR
+AUDRM=?	+AUDRM: (range of <fileNumber>) OK

1.2.3.3 Attributes

Pin Restricted	Persistent	Sync Mode	Execute Immediately	Time of duration
No	No	No	Yes	<1s

1.2.3.4 Defined Values

<fileNumber>: Audio media file index for removing

        0: all audio files

        1: audio_1 file

        2: audio_2 file

        3: audio_3 file

        4: audio_4 file

        5: audio_5 file

        6: audio_6 file

        7: audio_7 file

        8: audio_8 file

        9: audio_9 file

        10: audio_10 file