ATMPAUD02-V4.0   Testing Guide

The unit supports mp3, flac, wav

File Structures:

00.flac

01.flac

02.flac

03.flac

04.flac

05.flac

settings.txt

* The playlist could be made up to 10 files, from 00 to 09.flac.

The following user flow was based on 00,01,02,03,04,05.flac, 6 songs in total.

Syntax in the settings.txt:

<SETTINGS>

<DVOL00>030</DVOL>

<DVOL01>040</DVOL>

<DVOL02>045</DVOL>

<DVOL03>050</DVOL>

<DVOL04>055</DVOL>

<DVOL05>060</DVOL>

<TIMEOUT>200</TIMEOUT>

</SETTINGS>

*Note: the volume increment step is 5, the timeout maximum is 200S, the minimum is 21S.

Power On			
Play	File / Playlist	Audio Output	LED Status
❚❚	00,01,02,03,05,06.mp3	No	Flashing

Power On Standby, No audio output, Selector Buttons' LED keep flashing.

PB1/CH/Mode	PB2/CH/Mode	PB3/CH/Mode	PB4/CH/Mode
▶ 1>00.mp3@C1/ Play Once	▶ 2>00.mp3 Toggle @C2/ Play Once	▶ 4>01.mp3 Toggle @C3 / Play Once	▶ 5>01.mp3 Toggle @C4 / Play Once
	▶ 3>01.mp3@C2 / Play Once		

1>00.mp3@C1/ Play Once Means: the first interaction is on push button 1#, 00.mp3 is playing and the output is in headphone output No.1.

PB5/CH/Mode	PB6/CH/Mode	PB7/CH/Mode
▶ 6>01.mp3 Toggle @C5/ Play On	▶ 7>01.mp3 Toggle @C6/ Play Once	▶ 12>05.mp3 Toggle @ All/ Play Once
	▶ 8>02.mp3 @C6/ Play Once	
	....	
	▶ 11>05.mp3 @C6/ Play Once	

Push Button 7# is to open all the outputs.

Line-in	Default Volume	PB8 /V+	PB9 /V-	Pressed	Non-Pressed	Time Out	Audio Toggling
Yes	Settings.txt					Settings.txt	Yes

Line-in Function is enabled, the unit accepts customer device like smartphone audio line-in to playback their familiar songs.

Default volume as well as timeout interval could be set in the text configuration file, if no settings.txt was preloaded, then the default timeout is 20S; 200S timeout is set to let shoppers enjoy to 200s for each selected song.

The Pressed Selector button keeps lighted, and audio goes out to that selected headphone / speaker.

The non-pressed selector buttons will keep off.

Audio toggling is enabled, means the music would not start over from the beginning when output is switched, instead, it continues from when it is switched.

For Three Speakers Retail Demonstration, Wiring Guide as below:

Connect Push buttons in GPIO 1#,2#,3#,7#,   and V+, V-

Connect Speakers to output 1#, 2#, 3#.

Insert SD Card.

Power On the Unit and Keep On/Off Switch in On position.