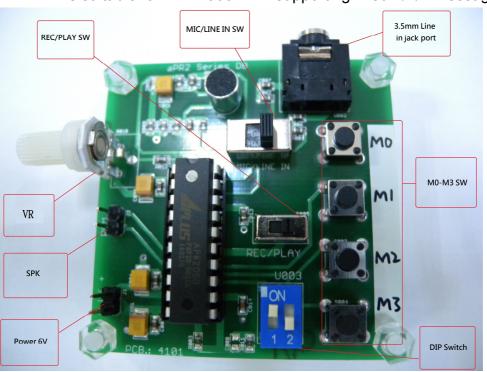# APR2060DB-T2.2 Demo Board

# User Guide

APR2060 DB-T2.2 is suitable for APR2060-T2.2 supporting fixed 1/2/4 messages 3 modes.



- How to set up :
  1. Connect the speaker & the power ( 6V, 4batteries )
  2. Move the DIP SW to your required 1 or 2 or 4 sections rec & playback.
     ( Default : 4 sections mode & 12KHz sample rate )

| 4 sections | 2 section | 1 section |
| --- | --- | --- |
| 10sec/each section(M0-M3) | 20sec/each section( M0&M1) | 40sec/M0 |

** Please note to remove the power & wait for 3-5 seconds then connect the power again
   before you change the DIP SW to another section mode.

- How to record :

1. For MIC recording :

   Slide MIC/LINE IN SW to MIC and Slide REC/PLAY to REC → Press & release TACT SW( M0-M3 ), hear BEEP sound with LED on to start REC through Microphone. Press & release TACT SW again or memory full with LED off to finish your recording.

2. For Line In recording :

   Slide MIC/LINE IN SW to LINE IN and Slide REC/PLAY to REC, connecting 3.5mm audio cable to PC, cell phone or MP3 player. then start the recording as the above.

- How to play :

  Slide REC/PLAY SW to PLAY → Press & Release TACT SW ( M0-M3 ) to play voices with LED on. After finishing playback, LED will be off.

- The sample rate can be adjusted by using the VR ( Default at 47K Ohm ) on the demo board. Forward rotation would lower the sample rate. We attach their corresponding table of sample rate for reference.

| Sample Rate | Seconds | Resistance |
|:---:|:---:|:---:|
| 12KHz | 42 sec | 47K |
| 11KHz | 46 sec | 63K |
| 10KHz | 51 sec | 79K |
| 9KHz | 56 sec | 100K |
| 8KHz | 64 sec | 120K |
| 7KHz | 73 sec | 143K |
| 6KHz | 85 sec | 173K |

- If need more details, please visit our website http://www.aplusinc.com.tw for its data sheet.

# ■ HISTORY

**Ver. A (2014/05/22)**
- Original version User Guide for aPR2060 T2.2


**Ver. B (2014/09/09)**
- Modify Rosc of the picture to VR
- Modify the description " The sample rate can be adjusted by using the VR on the demo

board." to " The sample rate can be adjusted by using the VR ( Default at 47K Ohm ) on

the demo board."