APR6008-V3G3 demo board user manual

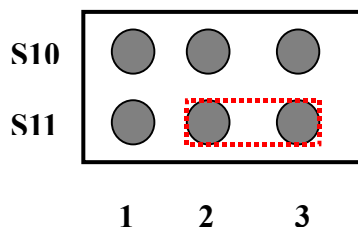

◆ **DC CHARACTERISTICS:**

Item		Min.	Max.	Condition
Operating voltage		2.7 V	3.3 V	
Standby curren	**R28** placed	Under 200 uA		3.3 V
	R28 removed	Under 10 uA		3.3 V

P.S. When R28 was removed , the demo board could not do AUTO line-in recording .

◆ **Voice sample rate adjust:**

S.R	S11	S10
6.4K	2-3	2-3
4K	1-2	2-3
8K	2-3	1-2
5.3K	1-2	1-2

◆ **Getting started**
  ➤ Set the sampling rate.
  ➤ Connect 3.3V dc power and 8 ohm speaker to the demo board.
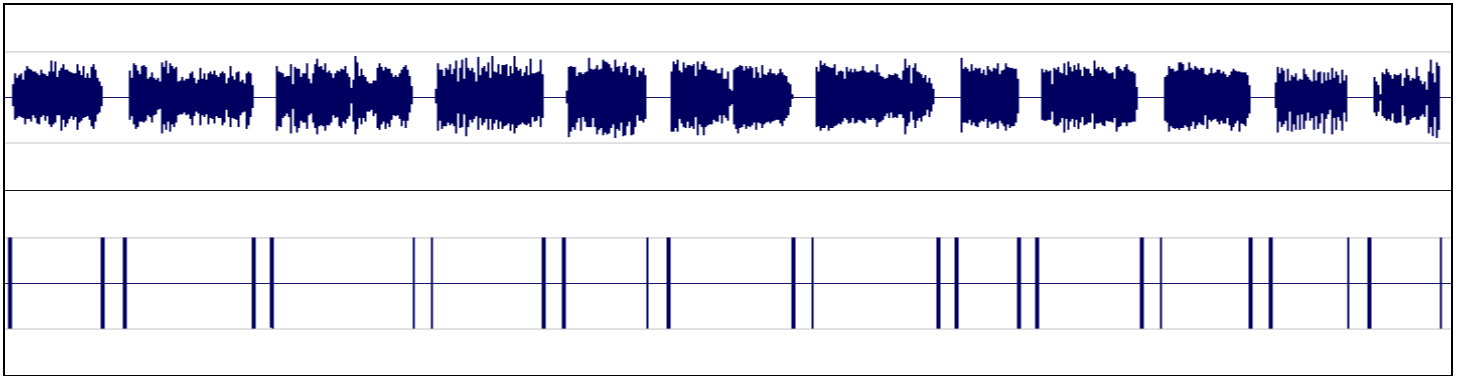◆ **Manual recording & playback**
  ➤ Push the **REC** key to start recording and the LED will be flashed, then push it again to stop recording and delay about 2 seconds the LED will stop shining. Push this key again to record next message.

➢ Push the **FP** key sequentially, the messages will be **played** from 1->2->3->4.Hold the key, this section voice will be re-play.

➢ Push the **RP** key sequentially, the messages will be **played** from 4->3->2->1. Hold the key, this section voice will be re-play.

◆ **Erase**

➢ Push and hold the **FP** key and the **RP** key together for 2 seconds, and system will warn with one beep sound. After several seconds, system will warn with 2 beep of sound to indicate last one messages recorded have been erased.

➢ Push and hold the **FP** key and the **RP** key for 2 seconds again, then system will erase the next message.
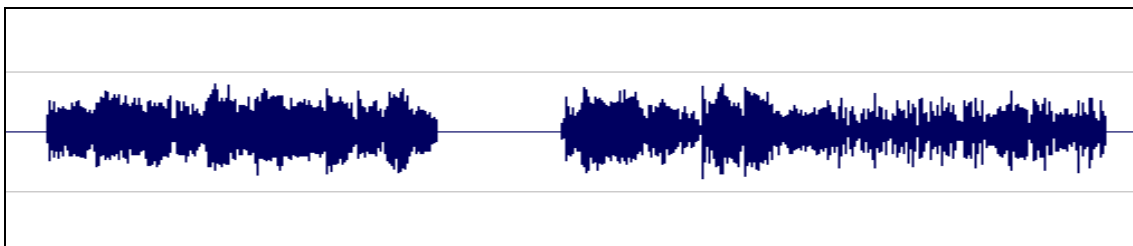
◆ **Power off and go to sleep mode**

When there is not any operation of recording or playing about 1 second, system will go to sleep mode.

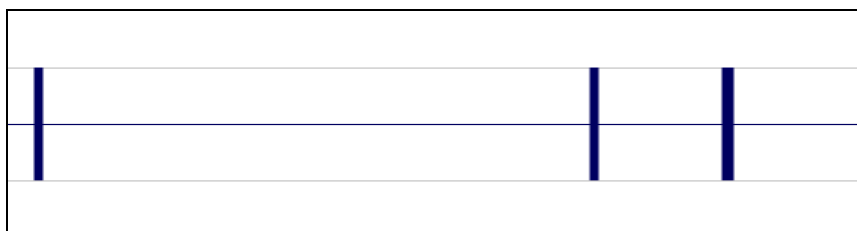➡ **AUTO Line-in (right / left 2 channel) stereo recording**

➢ **Step 1: Edit a two channel recorded wave file :(Reference the follow picture.)**
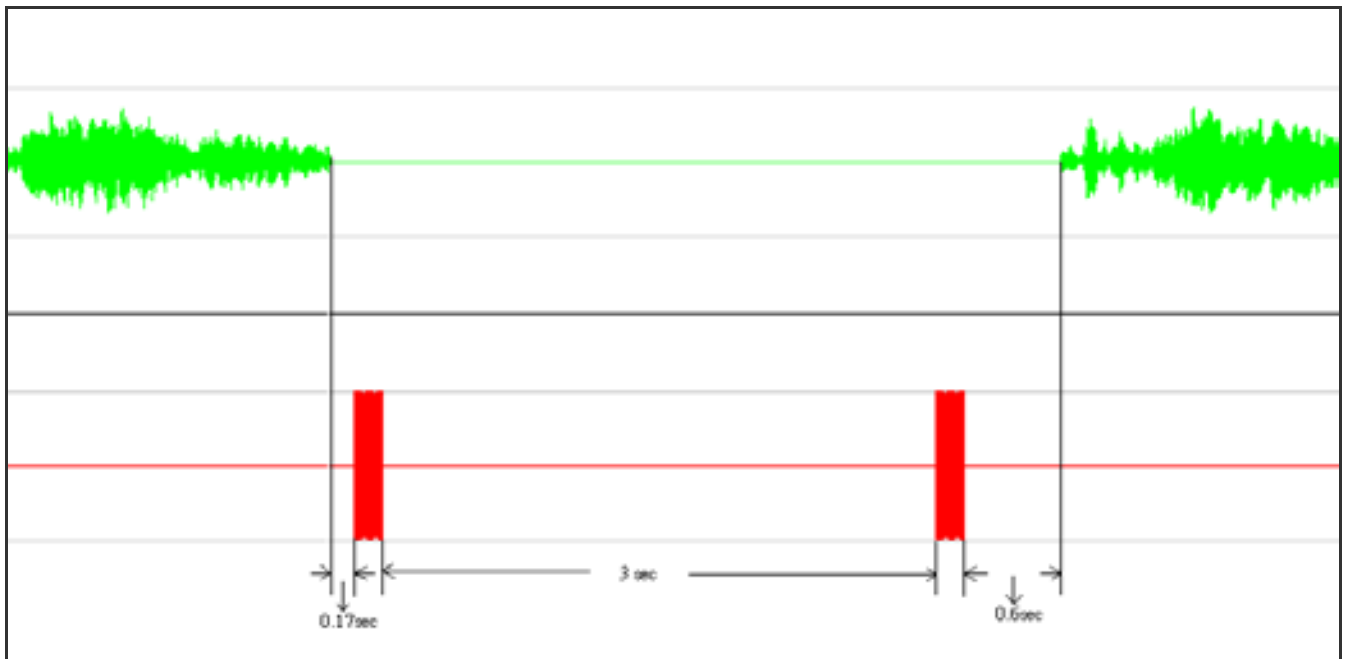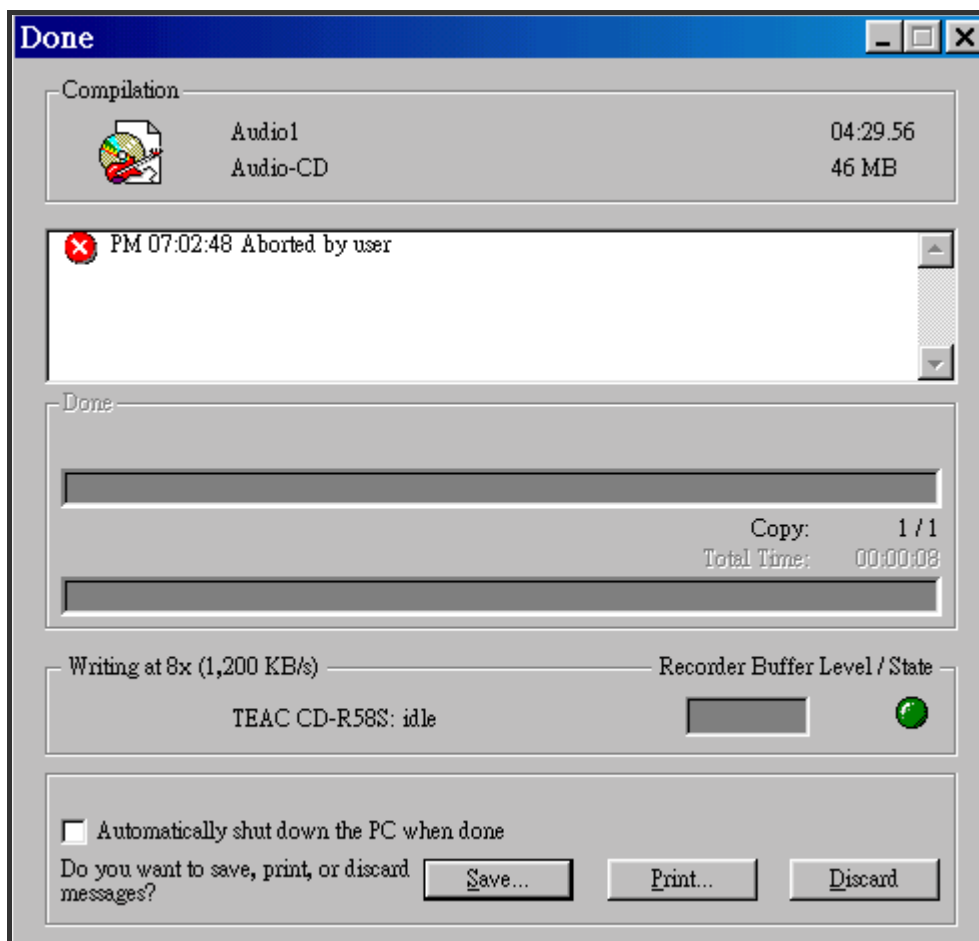

● **The right ch. is the main voice .**

● **The left ch. is the control voice . (2 KHZ square wave ,0.2sec, 16 bit, mono)**
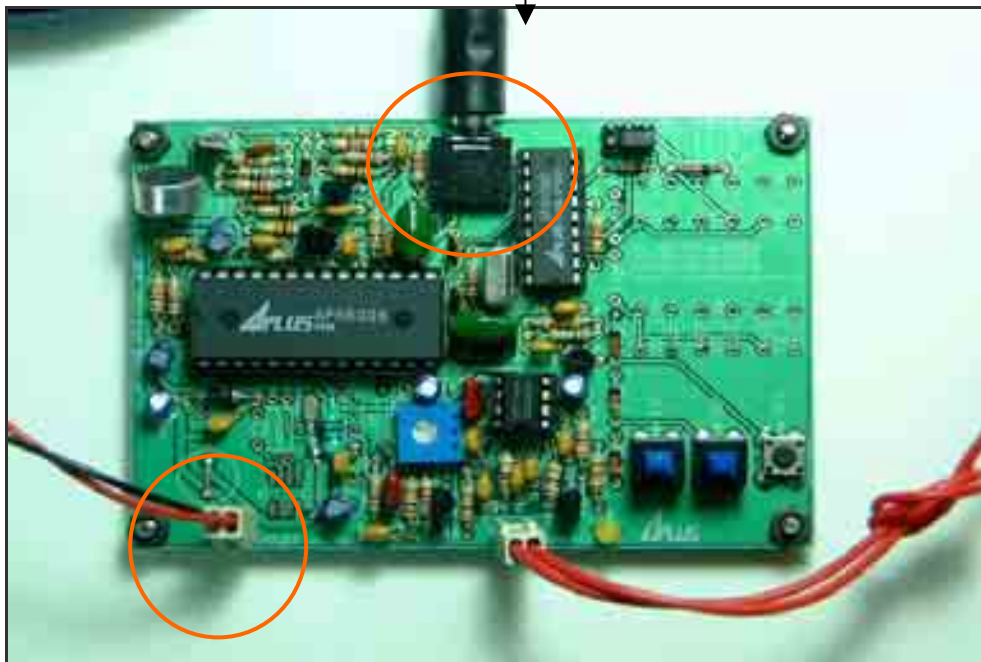
● **Every section timing:**

➢ **Step 2:Burn a Audio-CD dice.**

➢ **Step3: Connect <u>cd-player</u> (The volume must be under level   5 ~ 6) to <u>V3G3 demo board</u> with the <u>stereo line-in cable</u> and 3.3V power supply .**

➢ **Step4: <u>*Erase all voice data .*</u>**

➢ **Step5: Press the play-button of the cd-player to start AUTO recording . Waiting a lot time ...**
      When finished 12 sections recording , it will auto stop recording .

➢ **Step6: Press the FP or RP to play the voice . #**

📖 **(For this software version, maximum section is up to 12 . If want more sections or functions ,please contact us to re-design software .)**