

**ET-REMOTE AUDIO**

(P-ET-A-00491)



ET REMOTE AUDIO ... is readymade board that can play audio message that is recorded in the memory of board. It can command the operation through PORT RS232 and it can arrange the audio file of words to make sentence and speak out easily; for example, amount of number, money, quantity, day and time, or say Thank You. Remember, it only speaks out in Thai. It can be applied for

- timer to tell day, month and year
- price to tell amount of money for what is sold
- ticket queue
- parking fee to tell amount of money that paid for service

**Specifications ET-REMOTE AUDIO**

- Command the operation through PORT RS232 9PIN DB FEMALE
- Record audio file by SAMPLE RATE 8KHz, sound is high quality
- Setup BAUDRATE by DIP SW from 1200 to 115200 BPS.
- Provide 290 words recorded in the memory; for example, digits from 0 to million, A to Z, Kor-Kai to Hor-Nok-Hook (Thai alphabet), 77 Provinces in Thailand, colors, system of measurement, and other sound
- Command to setup the number order of audio file directly; for example, "Sawaddeekha" (Hello in Thai), "Yin-dee-ton-rub-kha" (Welcome in Thai).
- Can receive data that is both numeric and letter directly, and speak out; for example, "A-B-C-Nueng-Song-Sam" (one-two-three in Thai)
- Can receive numeric data and speak out the amount; for example, "Sam pan-nueng roi-ha sip-song" (Three thousand-one hundred-fifty-two in Thai).
- Can receive numeric data and speak out the amount of money
- Can receive timing data and speak out the time; for example, "wae-la-sip-song-na-li-ka-yee-sip-ha-na-tee-sam-sip-padd-wi-na-tee" (Twelve twenty-five and thirty-eight seconds in Thai).
- Has 2 channels of Connector Power Supply 5-12VDC for supplying to board as follows;
  - JACK DC 2.5mm. (It is compatible with ET-SWITCHING ADAPTER 12V 0.5A TYPE J)
  - Connector DB9 PIN of PORT RS232 through PIN 9 and PIN 5

- Has Connector DB9 PIN FEMALE by using Signal RS232 TX, RX, GND
  - Box size; 7.5 x 2.5 x 5 cm.
  - ET-REMOTE AUDIO consists of ...
1. Board and Box "ET-REMOTE AUDIO"
  2. Cable ET-CABLE RS232 9 PIN M in order to interface from ET-REMOTE AUDIO to Connector 4 PIN RS232 of ETT Board CONTROL directly.
  3. CD-ROM Program and Manual



**ET-SWITCHING ADAPTER 12V 1A TYPE J**

(A-AP-A-00098)



INPUT: 220VAC, 50/60Hz

OUTPUT: 12VDC 1A

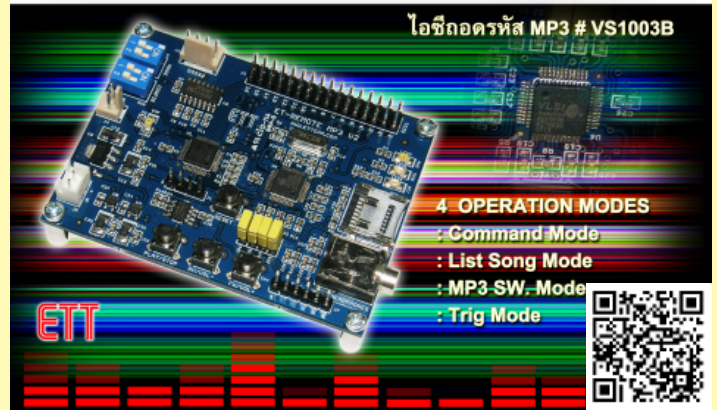
**SERIAL CABLE DB-9 M/F 1 M**

(A-CB-A-00022)



**ET-REMOTE MP3 V2**

(P-ET-A-00471)



The latest Board MP3 Decoder that is cheap at the price. It receives Commands through RS232 PORT to control to play files from MEMORY CARD 'SD-MICRO' in the format of MP3 or WAV. It uses the device No.VS1003B from VLSI to be MP3 Decoder; this IC MP3 Decoder has high-quality sound, so it is suitable for applying for advertisement, exhibition, or museum.

**Specification of ET-REMOTE MP3 V2**

- Use CPU No.STM8S105 and VS1003B Decoder
- Has SOCKET on board for inserting SD CARD #SD-MICRO
- There are **4 operation modes**;
  - **COMMAND MODE**: It controls to play files by Command from RS232 PORT.
  - **LIST SONG MODE**: It calls to see list of song file and order of file in SD-MICRO.
  - **MP3 SW MODE**: It controls the operation by SW. on board.
  - **TRIG MODE**: It uses external OUTPUT to TRIG and choose files. There are 16 INPUTs, or it is interfaced to be 16 SW. for TRIG to choose 16 files.

• Every time it ends any file, it gives OUTPUT LOGIC 0 through CONNECTOR and it is sent in the format of COMMAND EOF through RS232 for COMMAND

**MODE.**

- Only supports file MP3 or WAV; it cannot RECORD.
- Support MICRO-SD from 2GB to 16GB in the format of FLASH 16 and 32.
- Set 4 BAUDRATE; 4800, 9600, 57600, and 115200
- Use DC 5V with Connector TYPE B (it is compatible with POWER SUPPLY from ETT version 'ET-SWITCHING ADAPTER 5V 2A TYPE B)
- Use sound OUTPUT in the format of HEAD-PHONE JACK STEREO
- PCB size: 8.00 x 6.10 cm.
- ET-REMOTE MP3 V2 Set consists of...

1. Board ET-REMOTE MP3 V2
2. CD-ROM User's Manual
3. Cable ET-RS232 DB9 PIN
4. Cable 4 PIN RS232

