



1. **VCC**– 3.3V power supply
2. **GND**– Power ground
3. **REC** – The REC input is an active-HIGH record signal. The module starts recording whenever REC is HIGH. This pin must remain HIGH for the duration of the recording. REC takes precedence over either playback(PLAYL or PLAYE) signal.
4. **PLAYE** – Playback, Edge-activated: When a HIGH-going transition is detected on continues until an End-of-Message (EOM) marker is encountered or the end of the memory space is reached.
5. **PLAYL** – Playback, Level-activated, when this input pin level transits for LOW to HIGH, a playback cycle is initiated.
6. **Speaker Outputs** – The SP+ and SP- pins provide direct drive for loudspeakers with impedances as low as 8Ω.
7. **MIC** – Microphone Input, the microphone input transfers its signals to the on-chip preamplifier.
8. **FT** – Feed Through: This mode enable the Microphone to drive the speaker directly.
9. **P-E** – Play the records endlessly.

Record Operate Guide

1. Push REC button then the RECLEd will light and keep push until record end.
2. Release the REC button
3. Select Playback mode: PLAYE, just need push one time, and will playback all of the record or power down ; PLAYL, you need always push this button until you want to stop playback record or end ; When short P-E jumper the record will playback time a time until jumper off or power down
4. FT mode, when short FT jumper, that means all of you speak to MIC will direct playback to Speaker.