

Link do produktu: <https://www.gotronik.pl/modul-odtworzacz-komunikatow-glosowych-5v-dc-wodoodporny-p-14868.html>



Moduł odtwarzacz komunikatów głosowych 5V DC wodoodporny

Cena brutto	60,00 zł
Cena netto	48,78 zł
Czas wysyłki	24 godziny
Numer katalogowy	ELEK-605

Opis produktu

Moduł odtwarzacz komunikatów głosowych 5V DC wodoodporny



Wielokanałowy moduł DY-B01 umożliwia odtwarzanie 9 komunikatów MP3/WAV przez zintegrowany, wodoodporny głośnik 3W zasilany napięciem 5V DC. Urządzenie oferuje 8 konfigurowalnych trybów wyzwalania (DIP-switch) oraz prostą aktualizację plików przez port USB, co w połączeniu z obudową ABS zapewnia niezawodność w przemysłowych i domowych systemach ostrzegawczych.



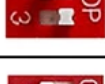
Kluczowa specyfikacja i pełna funkcjonalność

- Napięcie robocze: **5 V DC**
- Prąd roboczy: **≥ 1 A**
- Moc wyjściowa wbudowanego głośnika: **3 W**
- Pasmo przenoszenia akustycznego: **500 Hz - 16 KHz**
- Pamięć wewnętrzna modułu: **32 Mbit Flash**
- Obsługiwane formaty dekodowania audio: **MP3, WAV**
- Maksymalna częstotliwość próbkowania: 48 kHz
- Liczba niezależnych kanałów wyzwalania: **9 linii sygnałowych (S1 - S9)**
- Typ sygnału wyzwalającego: niski stan logiczny 0-0.3V
- Przewód statusu BUSY: sygnalizacja odtwarzania
- Interfejs wymiany danych: złącze microUSB/USB na płycie
- Konfiguracja trybów pracy: 8 predefiniowanych trybów wybieranych sprzętowo
- Zasady nazewnictwa plików audio: format wymuszony pięciocyfrowy (np. **00001.mp3, 00002.mp3** do 00009.mp3)
- Lokacja plików: zapisywane w katalogu głównym pamięci masowej
- Regulacja poziomu głośności: fizyczny potencjometr umieszczony na PCB
- Właściwości ochronne głośnika: membrana wodoodporna
- Wymiary korpusu: średnica **62 mm**, wysokość **32 mm**
- Rozstaw otworów montażowych: całkowita szerokość z uszami **70 mm**



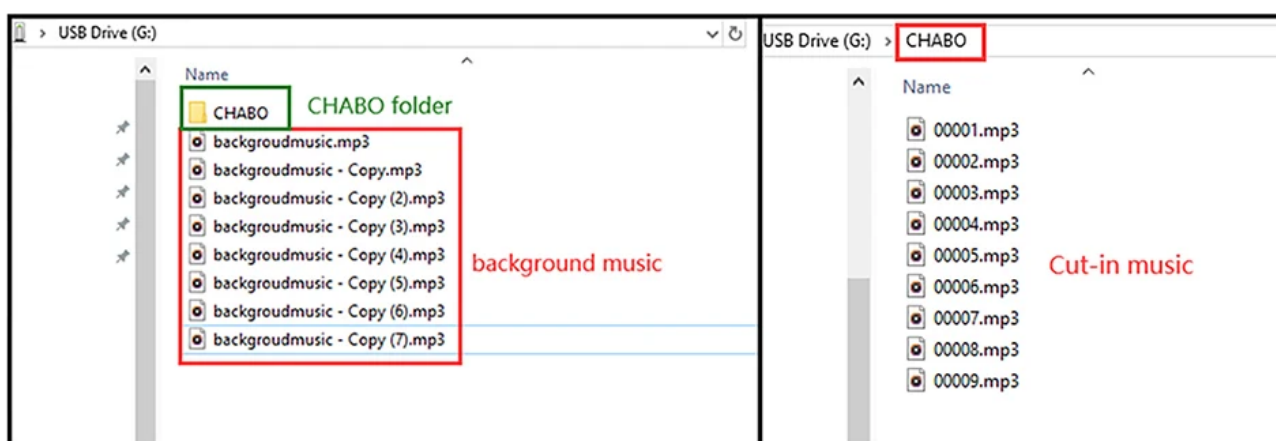


Work modes setting table

DIP Setting	Work mode	Description	Application
	Triggered by low level signal, cannot be interrupted	Start Playing after triggering, and stop when ending the music, if the trigger signal is not released, it will play in a loop; New trigger signal is not effective while it is playing	Start playing after triggering; Play according to the trigger order, if there are many trigger signals
	Triggered by low level signal, can be interrupted	Start Playing after triggering, and stop when ending the music, if the trigger signal is not released, it will play in a loop; New trigger signal is effective while it is playing	Start playing right away after triggered, play in a loop, if trigger signal is not released
	Triggered by pulse signal, cannot be interrupted	Start Playing after triggering, and stop when ending the music, even the trigger signal is not released; New trigger signal is not effective while it is playing	Start playing after triggering, and only play once even the trigger signal is not released; Play according to the trigger order, if there are many trigger signals
	Triggered by pulse signal, can be interrupted	Start Playing after triggering, and stop when ending the music, even the trigger signal is not released; New trigger signal is effective while it is playing	Start playing right away after triggering, and only play once even the trigger signal is not released
	Triggered by low level signal keeping	Start playing, while triggered, it will stop playing right away once the trigger signal is released; The new trigger signal is effective only after the previous trigger signal is released	Start playing, while triggered, it will stop playing right away once the trigger signal is released
	Play/stop trigger	Trigger to start playing, and trigger again to stop playing; The new trigger signal is effective only after stop playing	Trigger to start playing, and trigger again to stop playing
	Cut-in playing	Play background music when power on S1-S9 can trigger the music in CHABO folder	Cut-in playing
	MP3 mode 1	S1 Connect to GND S2- NEXT S3- PREV S4- Vol+ S5- Vol-	Start playing after switching by S2 or S3, it will stop playing when ending the music, and waiting for next switch
	MP3 mode 2	S1- NC S2- NEXT S3- PREV S4- Vol+ S5- Vol- S6- Play/pause S7- Single/cycle	Standard MP3 mode, it start playing once power on

Note:

- 1、 Must power-on again after setting the DIP
- 2、 MP3 mode application, S1-S7 short to GND is effective
- 3、 For cut-in playing application, background music needs to be stored in root directory, and cut-in playing music needs to be stored in “CHABO” folder; as the follow picture



Note:

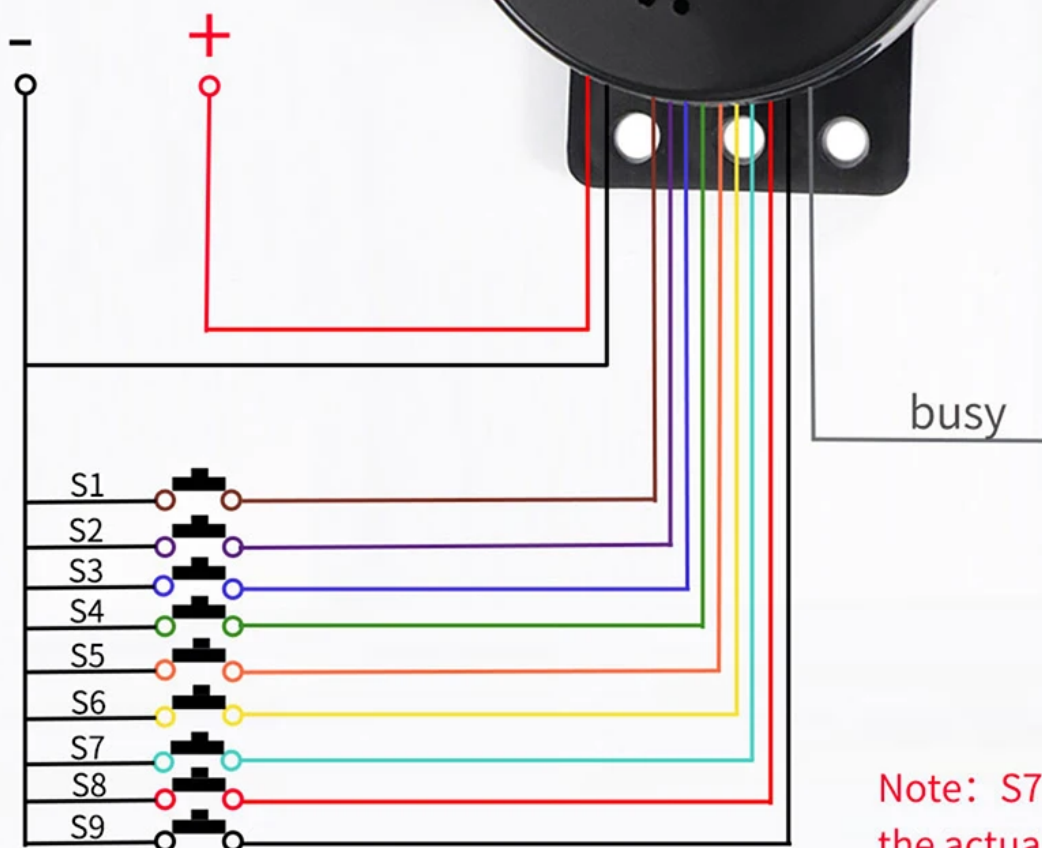
- 1、 It must be data line, not power line
- 2、 Audio files name must be five NO., such as 00001.mp3
- 3、 Audio files must be in root directory, except for “cut-in playing” mode

USB Drive (G:)

^	Name	^
	 00001.mp3	
	 00002.mp3	
	 00003.mp3	
	 00004.mp3	
	 00005.mp3	
	 00006.mp3	
	 00007.mp3	
	 00008.mp3	
	 00009.mp3	

Wiring diagram

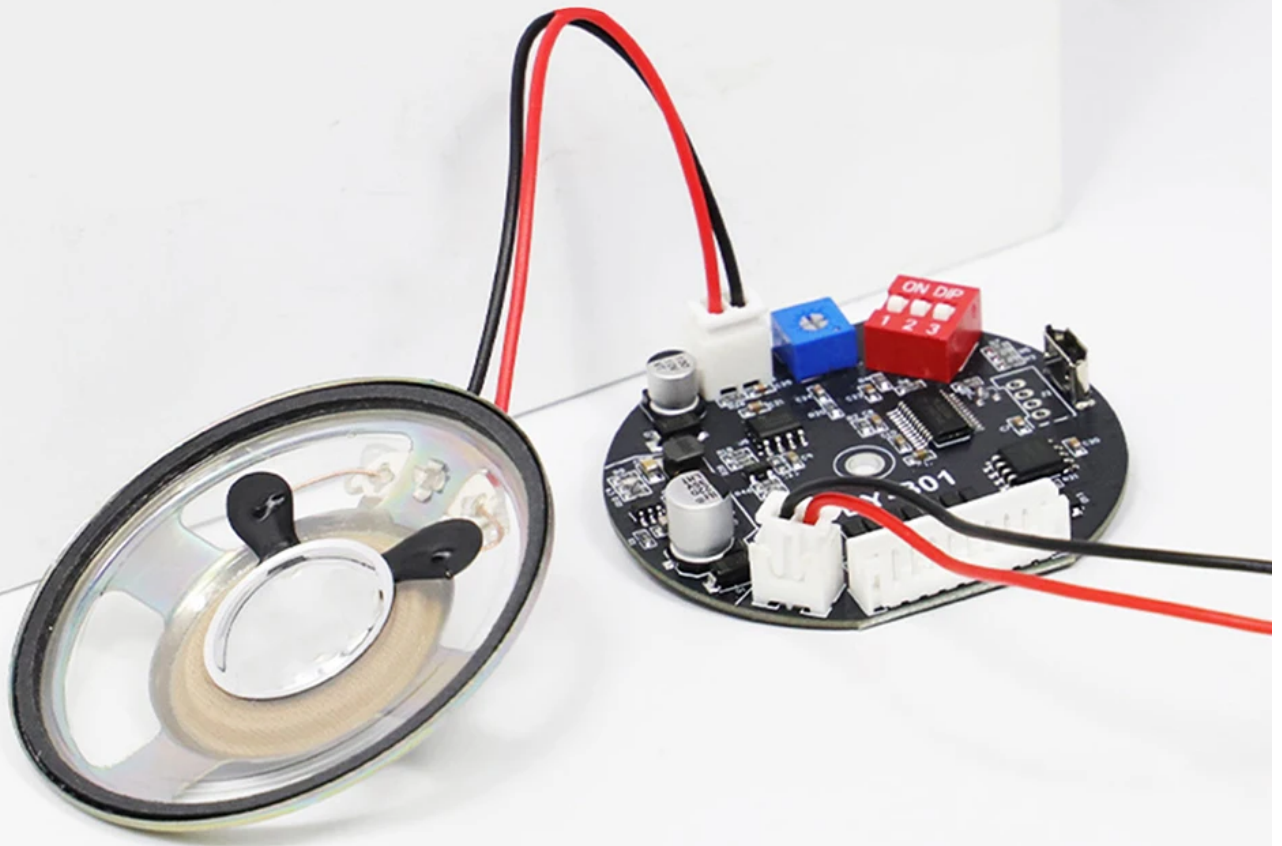
5-35VDC



Note: S7 is white in the actual product

Clear sound quality and loud volume!

3W Waterproof Speaker



Volume adjustment



**Turn clockwise to
increase volume**



**Turn counterclockwise
to decrease volume**

Replacing custom audio

1. Open the casing.
2. Connect to your computer using a USB cable; it will be recognized as a USB drive.
3. Copy the desired audio files to the device.

