Stereo Enclosed Speaker - 3W 8Ω

SKU: FIT0502

INTRODUCTION

Stereo Enclosed Speaker is a new passive speaker with JST PH2.0 interface. It is a perfect option for any DIY audio project which requires an 8 ohm impedance and 3W power. The suitable size and screw holes make it to be mounted. Let your robot have a loud voice, and no distortion.

SPECIFICATION

- Power: 3 W
- Resistance: 8 Ω
- Line length: 42 cm

- Distortion: < 10%
- Product size: 70 * 30 * 16 mm/2.76 * 1.18 * 0.63 inches
- The pitch of screws: 24 * 63 mm/ 0.94 * 2.5 inches
- Weight: 24 g

PROJECTS

Project 1. Arduino - Test DFPlayer Mini MP3 Module by Stonez

This tutorial here is just to show you how to connect DFPlayer module with Arduino and speaker and the Arduino sketch provided here just to play few sample sounds I collected from Internet.

- Hardware list:

- DFPlayer Mini module
- Speaker - DFPlayer module support to to 3W
- SD card - 2GB ~ 32GB formatted with FAT or FAT32

- MP3 / WAV - audio files
- Arduino Uno Rev 3
- Few jump wires

Project 2. Making an Alarm Clock That Asks Question Randomly

Introduction: I got two very interesting small modules from DFRobot, one is the speech synthesis module and the other is the speech recognition module.

I will make a slightly gentler one here. An alarm clock with random questions. It will stop making noise if the answer is correct; if the answer is incorrect, it will keep annoying you.