INTRODUCTION

Jumper wires are one of the most important gear component for the tinkerer. Often understimated, but one of the first things to miss. If you are starting to assemble your tinker gear and wondering if this is really needed, doubt not, this is at some point or another always used. Wire or pieces are basic, even for the non-often tinkerers. Jumper wires are not just fitted for prototyping but also a resource for repurposing. You can cut them and add new headers, or mix them up and connect or bridge several things. Due to their low cost and high usability these are a must on any gear.

Breadboarding is one important step for electronical tinkering and electronic circuit development. Jumper wires go together with breadboards and Arduinos. These breadboard jumper wire feature 65 pcs a pack. Including 4 different lengths: 200mm, 165mm, 125mm and 80mm. Suited for Arduino and standard breadboard electrical design and debugging. Comes with F/M connectors.

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

SPECIFICATION

240mm (9.4'') x5
200mm (7.9'') x5
150mm (5.9'')x8
110mm (4.3'')x47

SHIPPING LIST

Jumper Wires (F/M)   (65 Pack) x1