



## Bluetooth Amplifier Circuit DIY win-668

With this amplifier circuit that has Bluetooth on it, you will be able to make your own Bluetooth speaker. This Bluetooth Audio Module connects the wireless receiver with any Bluetooth source device to make high-quality stereo audio streaming and music player. (e.g. Bluetooth-enabled mobile phones, Bluetooth stereo audio transmitter modules, Bluetooth adapter, etc.) Supports A2DP protocol.

### Features

- Highly Integrated Bluetooth Audio Solution
- Low power consumption
- Paired name: WIN-668
- Paired password: None

### Technical specifications

- Bluetooth version: 2.0
- Profile: Classic BR / EDR A2DP profile
- Bluetooth Low Energy Support: No
- Frequency: 2.402GHZ - 2.480GHZ

- Operating Voltage: 5.0V
- Antenna: Internal PCB Antenna
- Dimensions: 20.15mm (0.795in) x 30.10mm (1.185in) (Easy to mount on breadboards and pegboards)

## Pins

- 5V (+ Supply)
- GND (- Supply)
- L (Left output channel)
- R (Right output channel)
- MUTE (Mute Input - connect push button to GND)
- LED (connect LED and 100 ohm series resistor to GND)

## LED Status Indicator

- LED Fast Blinking: Ready to pair
- LED Solid ON: Connected
- LED Slow Blinking: Audio Playing via Bluetooth interface

## Package included

- 1x Bluetooth Stereo Audio Module - WIN-668
- 1x LED
- 1x Resistor for LED
- 2x 10 uF capacitors for Left + Right Amplifier channel



