

Music (Data) transfer by IR

ABSTRACT

Google assistant is AI (Artificial Intelligence) based voice command service. Using voice, we can interact with google assistant and it can search on the internet, schedule events, set alarms, control appliances, etc.

This service is available on smartphones and Google Home devices.

We can control smart home devices including lights, switches, fans and thermostats using our Google Assistant.

Working

This is upgrade to home automation setup, just the input command is given via assistant connected to the network

This assistant understands pre defined voice command and triggers the light on or off accordingly

IFTTT service is configured for google assistant service and Adafruit service in chain. So, when I use google assistant to control light of my home by saying Ok google, turn the light ON or OFF. Then IFTTT interpret the message and can send it to Adafruit's dashboard as a understandable command to the created feed.

Components

- NodeMCU – 32-bit ESP8266 development board with Wi-Fi SoC.
- Relay module

- One 100 W Bulb
- LCD
- Google Assistant

Circuit Diagram



