

Circuit Connections: Ultrasonic Radar System

Wiring Connections:

Ultrasonic Sensor (HC-SR04):

- VCC -> 5V (Arduino)
- GND -> GND (Arduino)
- Trig -> Digital Pin 10 (Arduino)
- Echo -> Digital Pin 11 (Arduino)

Servo Motor:

- Signal (Orange) -> Digital Pin 12 (Arduino)
- VCC (Red) -> 5V (Arduino)
- GND (Brown) -> GND (Arduino)

Power Supply:

- USB Cable or External 5V Power Source