

IR Receiver Module Remote Control Kit ARD2-2053

- Includes infrared receiver module, infrared LED, remote control with battery & jumper cables

Description

This IR remote control kit contains everything you need for your DIY projects. Just add a microcontroller and breadboard and start experimenting. The kit includes an IR receiver module (ARD2-2222) that can detect infrared light and communicate with an Arduino, and an ultra-slim remote to control it with. There's also an IR LED and a set of jumper cables for making connections.

Remote Specifications

Transmission Distance	Up to 8m
Button Cell Capacity	160mAh (CR2025)
Dynamic Current	3–5mA
Quiescent Current	3–5uA

IR Receiver Module Specifications

Voltage	5.0V
Launch Tube Infrared Wavelength	940nm
Crystal frequency	455kHz crystal
Carrier frequency	38kHz
Encoding format	NEC
Chipset	VS1838
Dimensions	28mm x 15mm x 2mm (LxWxH)
Effective Angle	60 degrees

IR Receiver Module Pinout

Module	Arduino	Function
-	GND	Ground Connection
Middle	5V	Power
S	D11	Receiver Signal

