

REMOTE CONTROL RECEIVER

R C R

The RCR is a four channel Universal remote control receiver.

A basic RCR contains RCB1 (Base unit) and EY38 (Eye receiver/s).

The RCB1 is designed to be plugged into the service connector of All T-Control Controllers as an Extension device.

The EY38 receives IR signals (from remote controls) and turns them to electrical signals.

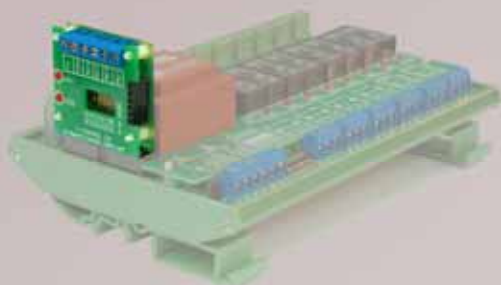
These signals are carried into the RCB1 for Recognition. The RCB1 unit can analyze simultaneously, 4 different IR signals from 4 different Remote controls with 4 different IR Codes. It can learn and Store up to 80 IR signals, recognize them and execute scenarios via RS485 communication accordingly.

The RCB1 can be programmed for each IR Code with two scenarios, One for the "PRESSED" and one for the "RELEASED" remote control button.

R C R FEATURES:

- ◆ High Reliability
- ◆ Low cost
- ◆ Small size: 42 x 49 x 7 mm (RCB1)
29 x 21 x 14 mm (EY38)
- ◆ Low Power
- ◆ Multi IR Protocol encoding
- ◆ Learning IR Codes Capability
- ◆ Up to 160 (2*80) Scenarios
- ◆ RS485 Communication
- ◆ Baud Rates: 1200 to 115200 Kb/sec
- ◆ Three Communication Addresses:
 - Individual Dip-switch
 - Group Group of devices
 - Global All device
- ◆ Three Operational modes:
 - Master
 - Slave
 - Special slave
- ◆ Two status LED indicators

EXTENSION DEVICE



HOW TO ORDER

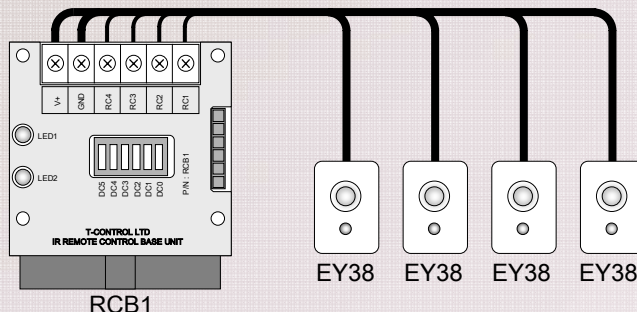
R C B 1 REMOTE CONTROL BASE UNIT

E Y 3 8 EYE UNIT 38KHz

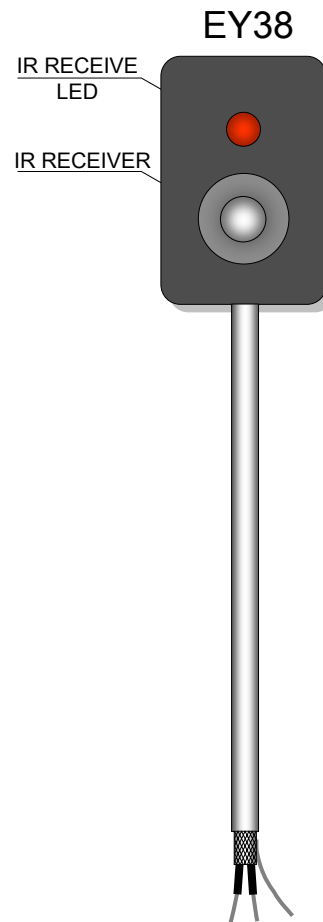
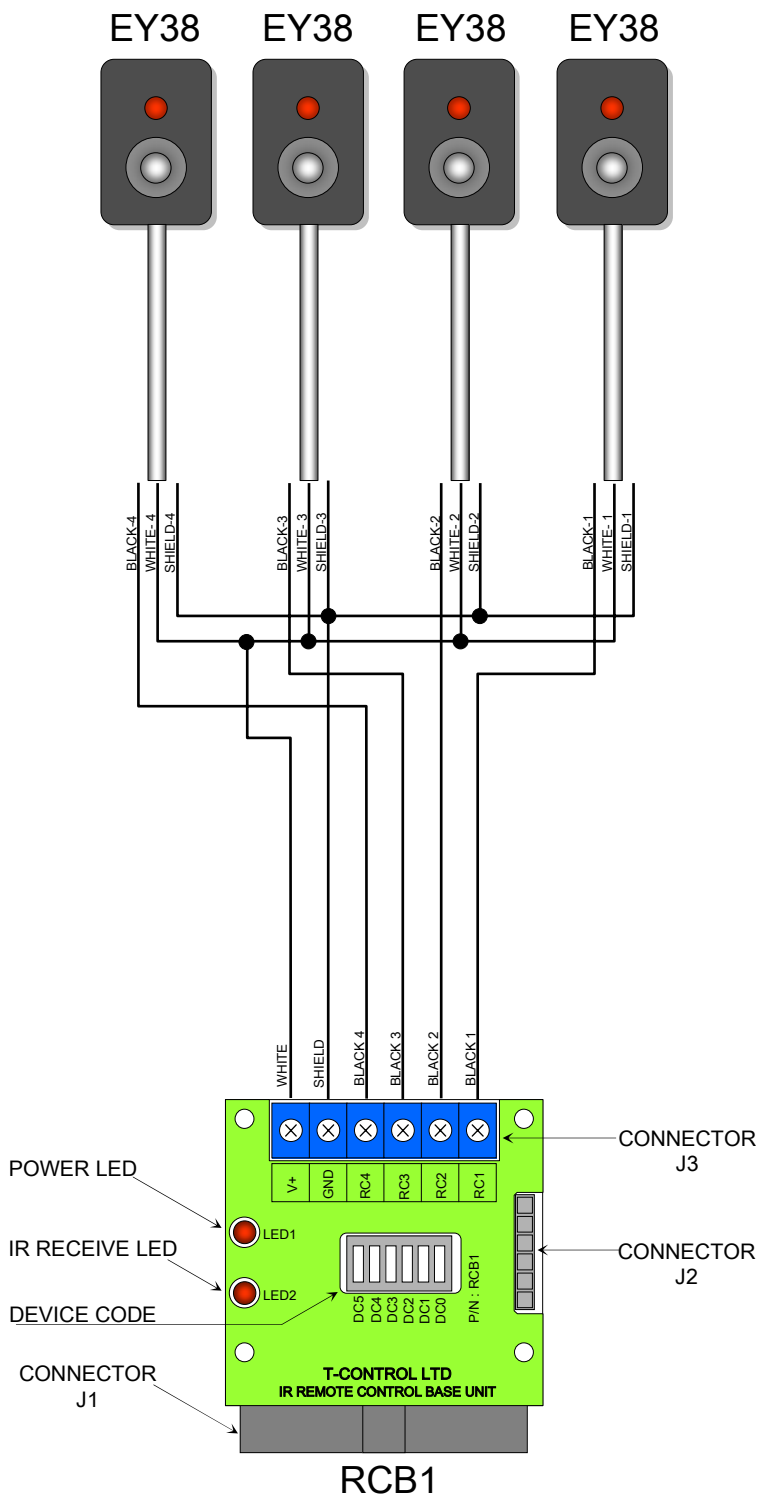
R C R -

IR REMOTE CONTROL UNIT

- 1 (1 RCB1 + 1 EY38)
- 2 (1 RCB1 + 2 EY38)
- 3 (1 RCB1 + 3 EY38)
- 4 (1 RCB1 + 4 EY38)



RGR ELECTRICAL CONNECTIONS



- ◆ WHITE: V+ (SUPPLY VOLTAGE)
- ◆ BLACK: RC (OUTPUT SIGNAL)
- ◆ SHIELD: GND (GROUND)

EY38 FEATRES:

- ◆ Feedback LED for IR signal reception
- ◆ Optical and Electrical noise filters
- ◆ Can be installed on any flat surface with Double foam tape
- ◆ Power supply voltage: 8 ÷ 35 VDC
- ◆ IR Frequency support: 38KHz
- ◆ Max pickup range: 40 feet
- ◆ Box Size: 29 x 20.5 x 14.5mm
- ◆ Box Color: Black
- ◆ Cable Color: Black
- ◆ LED Color: Red
- ◆ Cable Length: 50 cm
- ◆ Max Cable Length: 150 m