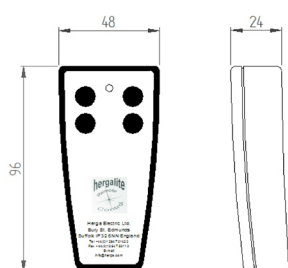


## Infrared transmitters

- Choice of 1,2,4 & 8 channels
- Coded signals for system security
- Interference free in comparison with RF systems
- Line of sight operation
- Compact plastic and heavy duty versions
- Use with 6311 controls and 6312 receivers

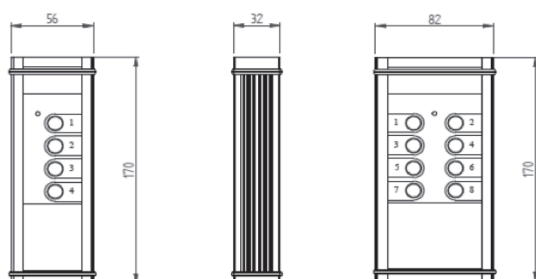


## 6310 Compact plastic transmitter - Reference dimensions & ordering information



Part Number	Channels
6310-1114-1600	1 channel
6310-1124-1600	2 channel
6310-1144-1600	4 channel

## 6310 Heavy duty transmitter - Reference dimensions & ordering information



Part Number	Channels
6310-7141-1600	4 channel
6310-7181-1600	8 channel

## General specifications

Standards/approvals	Low voltage 2014/35/EU and EMC 2004/108/EC directives
Degree of protection	EN60529 IP41 (compact) & IP65 (heavy duty)
Connection method	Infrared
Electrical rating	n/a
Contact configuration	Normally open
Pressure range	n/a

Operating temperature range	-5°C to +40°C
Body material	Thermoplastic or die cast aluminium
Weight	0.07Kg (compact) 0.25Kg & 0.3Kg (heavy duty)

## Code setting

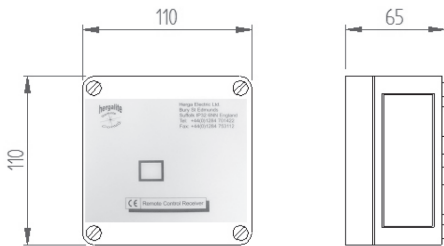
- Where systems are to be used in close proximity, each system can be factory set to a unique code so that one transmitter will not operate another control. This facility can also be used for low level security purposes. There are up to 256 separate codes that may be used.
- The control must be set to the same code as the transmitter for the system to operate

### Infrared remote controls and receivers

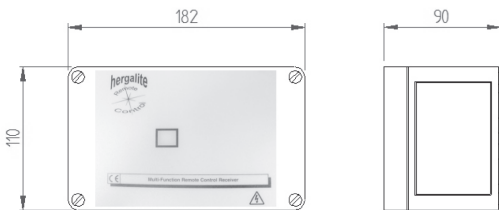
- IP66 rating
- Operating angle with integral receiver  $\pm 45^\circ$  of transmitter centre line
- Infrared receivers simplifies installation of the control and increases area of transmitter operation
- Multiple remote receivers can be connected together
- Various cable lengths and terminations available

### 6311 Infrared remote controls - Reference dimensions & ordering information

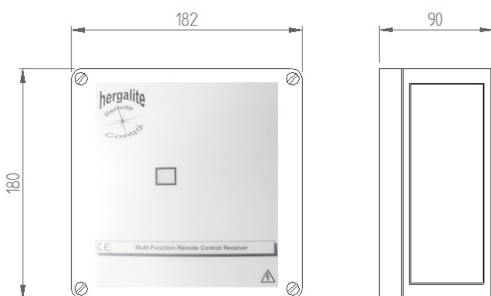
1 & 2 Channel Control Dimensions



4 Channel Control Dimensions



8 Channel Control Dimensions



Part Number	Description
6311-1115-1500	1 channel control with integral receiver, supply 12V DC/9V AC
6311-1115-1510	1 channel control with terminals for remote receiver connection, supply 12V DC/9V AC
6311-1116-1500	1 channel control with integral receiver, supply 24V DC/18V AC
6311-1116-1510	1 channel control with terminals for remote receiver connection, supply 24V DC/18V AC
6311-1125-1500	2 channel control with integral receiver, supply 12V DC/9V ac
6311-1125-1510	2 channel control with terminals for remote receiver connection, supply 12V DC/9V AC
6311-1126-1500	2 channel control with integral receiver, supply 24V DC/18V AC
6311-1126-1510	2 channel control with terminals for remote receiver connection, supply 24V DC/18V AC
6311-1143-3500	4 channel control with Integral receiver and remote receiver connection, supply options 12-24V DC or 110-220V AC
6311-1183-3500	8 channel control with Integral receiver and remote receiver connection, supply options 12-24V DC or 110-220V AC

Weight:

- 1 & 2 Channel = 250g
- 4 Channel = 630g
- 8 Channel = 870g

### 6312 Infrared remote receiver



Model Number **6312-01** X X - X 0 0 0

#### Use with Controls

2 - 4 & 8 Channels  
4 - 1 & 2 Channels

#### Cable length

1 - 1 Metre  
3 - 5 Metre  
5 - 10 Metre

#### Cable Termination

0 - Free Wire Ends  
3 - 3 Way 0.1" Connector