

## Lighting Control Panels

### Introduction

The IMAGINE 935 and 939 panels are DALI compatible user interfaces that allow the selection of scenes.

The panels are fitted with illuminated buttons providing a visual indication of the selected scene. Scene identification labels are illuminated for greater user convenience.

### Key Features

- Suitable for use with Helvar's 910/920 lighting routers.
- Supplied with pre-printed scene identification labels.
- The mounting plate can be fitted directly to all standard European single or twin gang back-boxes, using the two M3.5 screws supplied.
- The panel is fitted with an infrared receiver for use with the DIGIDIM hand held remote (303).
- Supplied with surface mount back box.

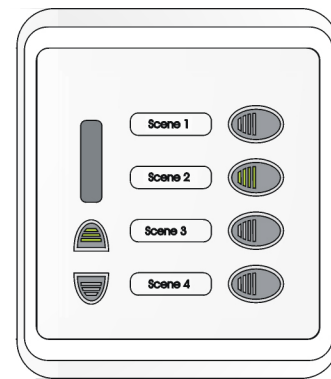
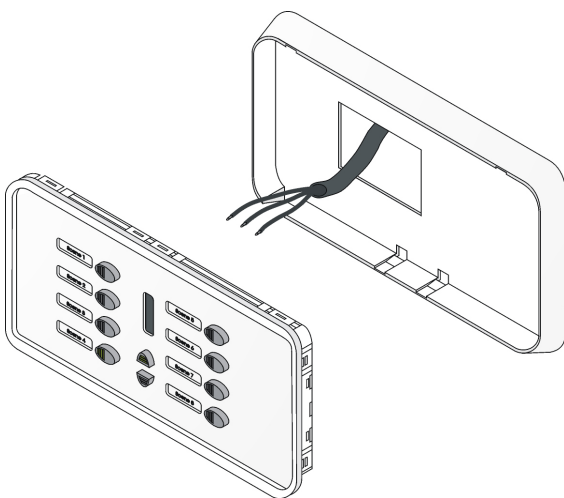
### Additional Features

- Additional blank scene identification labels are provided for panel customisation. To assist in the production of labels, a Microsoft® Excel template (Part no. 7860163) is available on the website.

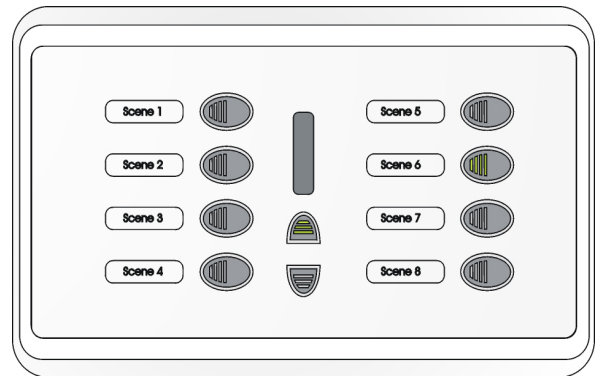
### Installation Note

- The control panel uses a data protocol which conforms to the DALI standard.

### Connection Details



IMAGINE 935 Panel



IMAGINE 939 Panel

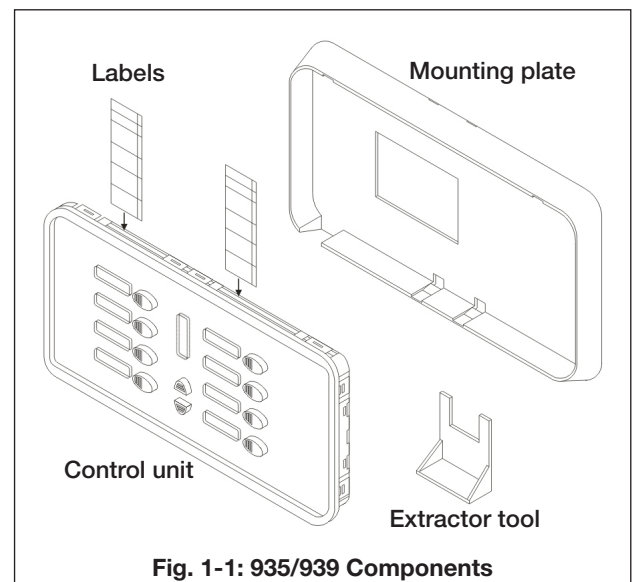


Fig. 1-1: 935/939 Components

## Technical Data

### Connections

**DALI:** Screw terminals;  
2-wire 0.5 mm<sup>2</sup> - 1.5 mm<sup>2</sup> stranded or solid.  
Max. DALI cable length 300 m

Notes:

1. The panel must be connected to earth via the terminal marked SC.
2. If equipment is used in an electrically noisy environment the DALI cable should be screened and connected to the earth.

### Power

**DALI supply input:** 14 - 22.5 V  
**DALI consumption:** 935: 20 mA  
939: 35 mA

### Mechanical Data

**Dimensions:** 935: 89 x 114 x 18 mm  
939: 190 x 114 x 18 mm

**Housing:** Satin white

**Weight:** 935: 100 g  
939: 245 g

**IP rating:** IP 10

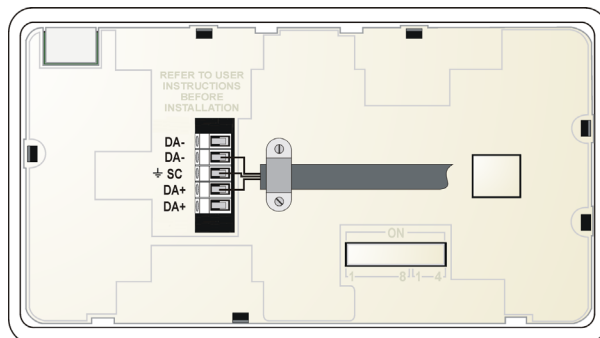
### Operating and Storage Conditions

**Ambient Temp:** 0°C to 50°C  
**Storage Temp:** -10°C to 70°C  
**Relative Humidity:** Max 90%, non-condensing  
**IR Input Frequency:** 36 Hz

### Conformity and Standards

**Emission:** EN 55 015  
**Immunity:** EN 61 547  
**Safety:** EN 60 950  
**Isolation:** Double insulated from DALI when fitted within the frame carrier and correctly installed  
**Environmental:** Complies with WEEE and RoHS directives

### Connections



### Dimensions

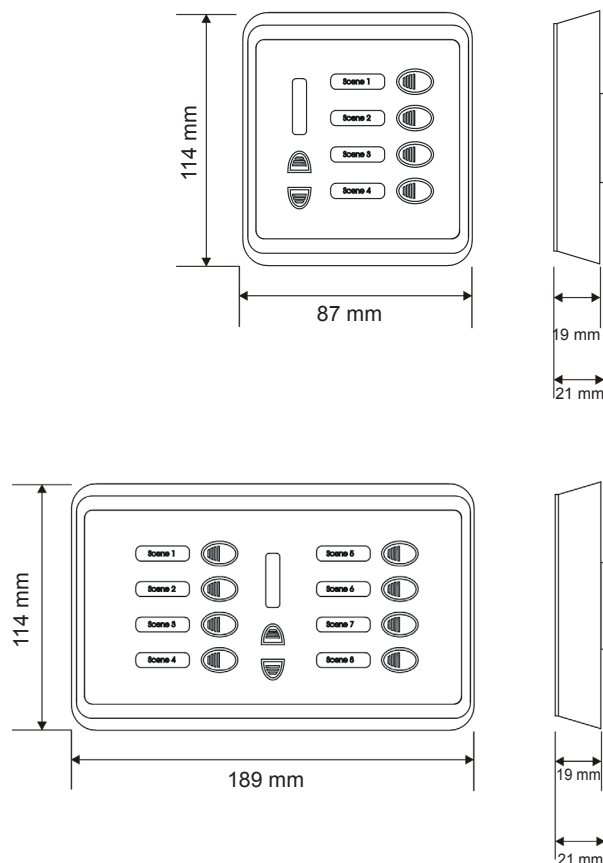


Fig.1-4 Using the extractor tool