

irCUE Receiver 485

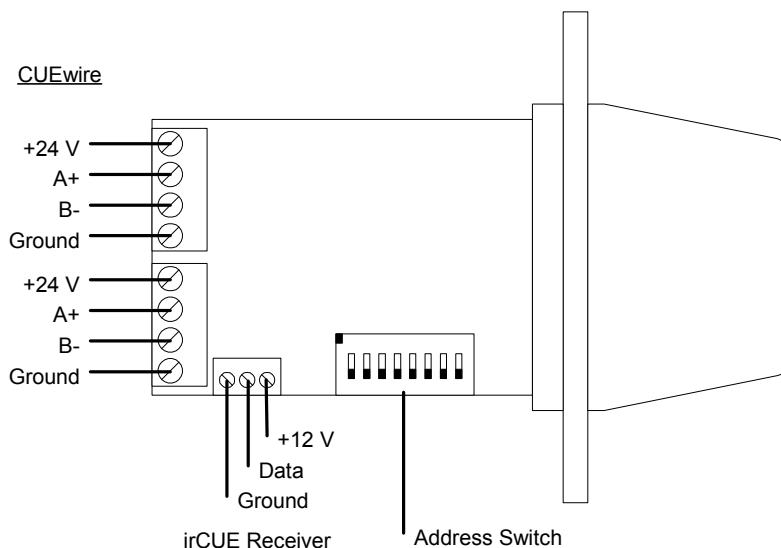
CS0169-C

Introduction

The irCUE Receiver 485 links IR wireless control panels to CUEwire (RS-485). It is an infrared receiving unit designed for ceiling mounting. The ceiling near the center of the room is the best place to install it.

Connection

Using terminals, irCUE Receiver 485 can be connected to CUEwire. To extend the coverage, it is possible to connect up to **four** irCUE Receivers (CS0080-C) - see picture below.



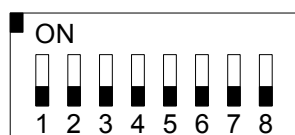
Address Settings

The address of the receiver can be set up by the Address Switch - see picture above. BUTTON_ID sent by irCUE Receiver 485 to the control unit is a BUTTON_ID sent by IR wireless control panel with an added Offset value. BUTTON_ID and Offset value are calculated according formulas below.

BUTTON_ID (irCUE Receiver 485) = Offset + BUTTON_ID (IR wireless control panel)

OFFSET = 32 * ADDRESS

ADDRESS is binary coded by DIP switch in the range from **0** to **255**.



SW1 – ADDRESS bit 0
SW2 – ADDRESS bit 1
SW3 – ADDRESS bit 2
SW4 – ADDRESS bit 3
SW5 – ADDRESS bit 4
SW6 – ADDRESS bit 5
SW7 – ADDRESS bit 6
SW8 – ADDRESS bit 7

Example

ADDRESS of irCUE Receiver 485	Offset	SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
0	0	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
1	32	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF
2	64	OFF	ON	OFF	OFF	OFF	OFF	OFF	OFF
3	96	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF
...									
255	8 160	ON	ON	ON	ON	ON	ON	ON	ON