

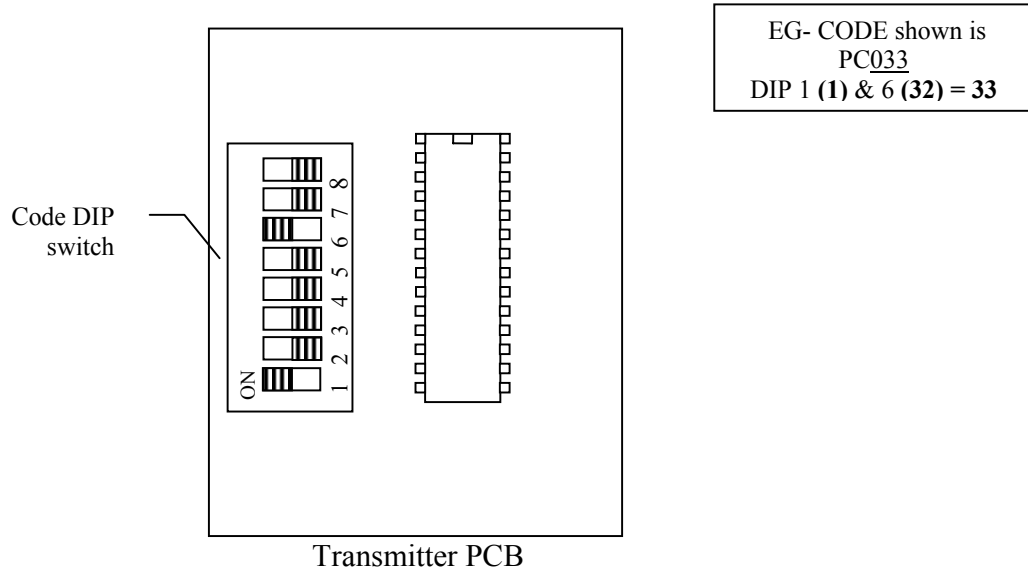
FSL Electronics ULTRABEAM Code settings

To set the transmitter code to match the receiver unit carry out the following steps.

- 1) Open the transmitter unit to reveal the code DIP-switches on the left-hand side of the circuit board.
- 2) Open the receiver unit, remove the metal plate you will see a dipswitch above the main chip. (The dipswitch will be red or blue)
- 3) On the receiver unit there will be a dipswitch set to the code that the receiver is currently working on
- 4) The transmitter DIP-switches are set, using binary code values, to have the same numerical value as the receiver code.
- 5) On some units only a 4-way switch is used.. Simply ignore 5,6,7 and 8 if either handset and receiver has a 4-way switch fitted.
- 6) Refer to the table and examples overleaf to determine the proper switch setting.
- 7) As a general guide the same switches must be set identically on both receiver and transmitter.
- 8) Always keep a record of all settings used on the same site. Check before installing any radio controlled equipment for possible interference from other transmitters. Be aware that similar equipment may already be in operation within range of any new equipment to be installed. This can include any plant equipment such as mobile screeners/crushers, conveyors, bins, gates etc. Always check with site manager regarding existing radio controls.
- 9) Do not attempt to adjust the transmitter or receiver in any other way.

**ALWAYS DISCONNECT MAINS POWER AND ISOLATE ALL ELECTRICAL
LOADS BEING SWITCHED BEFORE OPENING UNIT.**

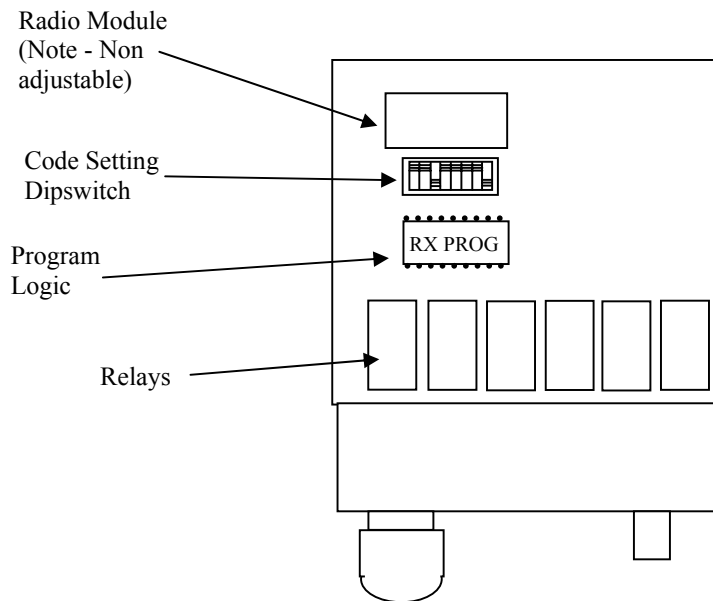
FSL Electronics ULTRABEAM Code Setting Transmitter Instructions



DIP SWITCH No.	1	2	3	4	5	6	7	8
<i>Code Value</i>	<i>1</i>	<i>2</i>	<i>4</i>	<i>8</i>	<i>16</i>	<i>32</i>	<i>64</i>	<i>128</i>

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FSL Electronics ULTRABEAM Code Setting Receiver Instructions



DIP switch Value table

Each DIP switch corresponds to a different value. The switches are set ON to add values together to make a particular code.

- E.g. **003** = DIP SWITCH 1 & 2 ON ($1 + 2 = \underline{3}$)
E.g. **020** = DIP SWITCH 5 & 3 ON ($16 + 4 = \underline{20}$)
E.g. **070** = DIP SWITCH 7, 3 & 2 ON ($64 + 4 + 2 = \underline{70}$)
E.g. **013** = DIP SWITCH 4, 3 & 1 ON ($8 + 4 + 1 = \underline{13}$)

For technical assistance contact,
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