ACTUAL BUTTON CODES SENT

(Diagram 1)

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| + |  |  |  |  |  |  |  |  |  |
| 0 |  | o | o |  |  |  |  |  |  |
| - | o |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| + |  |  |  |  |  |  |  |  |  |
| 0 | o | o | o |  |  |  |  |  |  |
| - |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| + |  |  |  |  |  |  |  |  |  |
| 0 | o |  | o |  |  |  |  |  |  |
| - |  | o |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| + |  |  |  |  |  |  |  |  |  |
| 0 |  | o |  |  |  |  |  |  |  |
| - | o |  | o |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| + |  |  |  |  |  |  |  |  |  |
| 0 | o | o |  |  |  |  |  |  |  |
| - |  |  | o |  |  |  |  |  |  |

**DYNO REMOTE CONTROLS**

**Item codes**

**1BDT - 1Button Dyno Transmitter**

**2BDT - 2Button Dyno Transmitter**

**3BDT - 3Button Dyno Transmitter**

**4BDT - 4Button Dyno Transmitter**

**5BDT - 5Button Dyno Transmitter**

**6BDT - 6Button Dyno Transmitter**

**1BSDT - 1Button Super Dyno Transmitter**

**2BSDT - 2Button Super Dyno Transmitter**

**3BSDT - 3Button Super Dyno Transmitter**

**4BSDT - 4Button Super Dyno Transmitter**

**5BSDT - 5Button Super Dyno Transmitter**

**6BSDT - 6Button Super Dyno Transmitter**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| + |  |  |  |  |  |  |  |  |  |
| 0 | o |  |  |  |  |  |  |  |  |
| - |  | o | o |  |  |  |  |  |  |

 

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**SPECIFICATIONS**

BATTERY VOLTAGE 12 Volts DC

MINIMUM WORKING VOLTAGE 8 Volts DC

CURRENT CONSUMPTION 15mA average

MAXIMUM NUMBER OF CODES 19683

FREQUENCY OF OPERATION 403,55 MHz

 433,92 Mhz

RADIATED POWER

 DYNO 8mW ERP

 SUPER DYNO 24mW ERP

**GENERAL INFORMATION ON RANGE**

The basic differences between the Dyno remote controls and the Super Dyno remote controls are the power of the transmission and therefore the effective usable range of the remote controls. The Super Dyno remote controls have a short flexible aerial attached to it which allows for a higher transmission power. In general this allows the Super Dyno remote controls to effectively double the range of the standard Dyno remote controls.

When the standard Dyno remote controls are used with an external receiver which is appropriately positioned, a range of over 500 metres is possible. With the Super Dyno a range of over 1 Km is possible.

**CODING INFORMATION**

**1BDT**

When coding 1BDT remote controls any settings of the dipswitches are possible. Therefore a 1BDT can be set to simulate any other button of a 2BDT, 3BDT, 4BDT 5BDT or 6BDT.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| + |  |  |  |  |  |  |  |  |  |
| 0 | o | o |  |  |  |  |  |  |  |
| - |  |  |  |  |  |  |  |  |  |

**2BDT or 3BDT**

When coding 2BDT or 3BDT remote controls, the first 2 dipswitches are to be set in the middle at all times. From code switches 3 onwards any configuration of up, down or in the middle can be used to make a unique code.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| + |  |  |  |  |  |  |  |  |  |
| 0 | o | o | o |  |  |  |  |  |  |
| - |  |  |  |  |  |  |  |  |  |

**4BDT or 5BDT or 6BDT**

When coding 4BDT or 5BDT or 6BDT remote controls, the first 3 dipswitches are to be set in the middle at all times.

From code switches 4 onwards any configuration of up, down or in the middle can be used to make a unique code.

The reason for the above settings is due to the fact that the individual buttons will change the actual code sent by the remote control according to which ever button is pressed. The actual coding sent is shown in diagram 1. This change in coding according to the button being pressed allows the receivers to know which buttons on the remote are being pressed as well as a unique code of the remote control itself (which is the remainder of the dip switch settings).