

SENTRY

REMOTE CONTROL

403MHz BINARY 1/3 BUTTON

The SENTRY 403MHz Binary remote control is a compact, handheld remote control operating in the 403MHz band. The transmission code is set by means of the internal dipswitch up to 4096 unique combinations.



3-Button

1-Button

SPECIFICATIONS:

Power Source: Internal 12V Battery (Type 23A)
 Frequency: 403.55MHz
 Transmission power: 350mW
 Current consumption: 9mA active
 Physical Size: 65 x 32 x 14mm
 Weight: 30g
 Storage Temp: -10°C to +55°C
 Operating Temp: 0°C to 40°C
 Operating Humidity: <80%

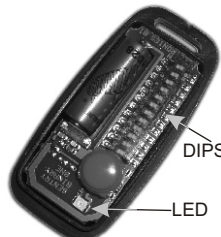
Type Approvals



HOW TO SET DIPSWITCHES

IMPORTANT - PLEASE KEEP IN MIND

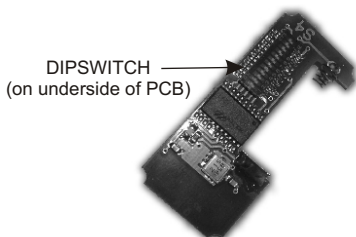
These transmitters use three bits of the transmission to send button information. This means that, the first three positions of the dipswitch i.e. switch 1, 2 and 3 are actually the physical buttons. This means that, even the single button product, is able to simulate a transmission of a three button remote, by appropriate dipswitch setting.



DIPSWITCH

LED

Single Button Binary



DIPSWITCH
(on underside of PCB)

Three Button Binary (removed from case)

DIP SWITCH CODING TABLE

MANDATORY
 USER-DEFINABLE

SINGLE BUTTON REMOTE

General Transmitter/Receiver



NOTES:
 For single receiver operation transmitter and receiver code must match.

Simulate 1st Button



Simulate 2nd Button



Simulate 3rd Button



To use 1 button transmitter with existing receivers, set as shown here. Switches 4-12 must match the corresponding switches (4-12 on the receiver)

THREE BUTTON REMOTE

Transmitter Dipswitch



First Receiver Dipswitch (Button 1)



Second Receiver Dipswitch (Button 2)



Third Receiver Dipswitch (Button 3)



NOTES:
 On the transmitter, the first three DIP switches **MUST** be set to the OFF position.

Switches 4 - 12 on the transmitter must match switches 4 - 12 on the receiver.

SINGLE SPLIT CODE (3 BUTTON ONLY)

Transmitter Dipswitch



Gate #1 (Button 1)



Gate #2 (Button 2)



Garage (Button 3)



NOTES:
 The single split modification to a 3 button transmitter allows users in a complex to share common codes to access the gate as well as allowing an individual code for control of a single individual garage door.

DOUBLE SPLIT CODE (3 BUTTON ONLY)

Transmitter Dipswitch



Gate #1 (Button 1)



Garage #1 (Button 2)

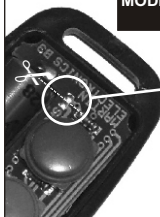


Garage #2 (Button 3)



NOTES:
 Double-split modifications are used to enable users in a complex to share a common code for the control of an access gate as well as allowing two unique individual codes for the control of a double garage (each door independently)

MODIFICATION TO TRANSMITTER FOR SPLIT MODES



Split Mode Pad

To enable split mode on a three button transmitter, cut the pad as shown with a knife or screwdriver.

MANDATORY
 USER-DEFINABLE
 COMPLEX CODE

Manufactured By:
MARTIN ELECTRONICS
 PO BOX 49284 ROSETTENVILLE 2130
 TEL: 011-433-4084 FAX: 011-680-3080
www.martin-electronics.co.za

