

SENTRY

REMOTE CONTROL

FOUR BUTTON WIEGAND (26/30bit) PROTOCOL TRANSMITTER

The **SENTRY 433MHz WIEGAND** remote control is a four-button handheld transmitter that communicates in the 26/30 bit WIEGAND protocol. WIEGAND is a *de-facto* standard used in industrial and access control applications.

SPECIFICATIONS:

Power Source: Internal 12V Battery (Type 23A)
Frequency: 433.92MHz
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



PRODUCT DETAILS

NOTICE- SEMI-CUSTOM PRODUCT

THIS PRODUCT IS PROGRAMMED ACCORDING TO CUSTOMER SUPPLIED INFORMATION DURING PRODUCTION. FOR FURTHER INFORMATION AND SUBMISSION OF CODING PLEASE EMAIL lance@martin-electronics.co.za WHEN PLACING ORDERS!

This product sends transmissions in the 26 or 30 bit WIEGAND format, which consists of:

26-Bit:

Client code (8 bits), serial number (16 bits) and button code.

30 Bit:

Client code (8 bits), site code (4 bits), serial number (16 bits), and button code.

The above coding, except for button codes, are customer-definable.

HOW TO USE WITH THE RECEIVER

This transmitter is exclusively for use with the SENTRY Wiegand Receiver. The receiver in this system contains a dip switch that selects the following parameters:

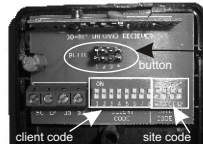
- Site Code
- Client Code
- Button

The remaining data is then transmitted onto the Wiegand Bus, to which the receiver module is attached.

Therefore, on the receiver, the user needs to perform the following steps:

- 1) Set the Client Code on the dipswitch
- 2) Set the Site Code on the dipswitch
- 3) Select the button by fitting a link on the appropriate jumper.

Receiver Module



Transmitter Button Mapping



Shown is the standard SENTRY receiver for Wiegand systems. There may, in future be other types. Please refer to the user manual of the specific receiver that you have purchased for details regarding the settings.

Note:

The receiver is not a learning type, serial number information is not processed it is passed onto the rest of the system via the bus.

WIEGAND is a trademark of the HID Corporation.

Manufactured By:

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