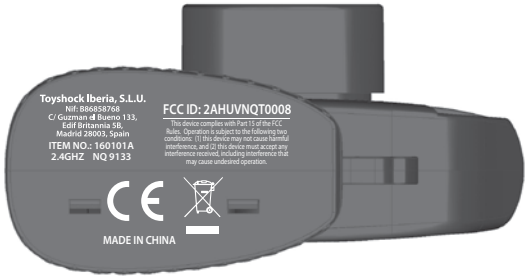TRANSMITTER