

Instructions for wiring a button or motion sensor DIRECTLY to a DV-66B Part# DV66CA

General Overview

Normally, connector P4 on the DV66B board is used to connect a DV66MS motion sensor module to the DV66, but P4 can also be connected to a dry contact closure to emulate the motion sensor. VCC on the P4 connector on the DV66B provides a 5VDC signal, that when connected to pin P20 on P4 will simulate the TRACK 1 (or 2 **see below) command to the DV66B. During the playing of the track the input to P20 will be ignored (locked out).

DIPSWITCH #5 on the DV66B will select the track command that is provided to the DV66B upon P20 (on P4) going high:

DIP SW 5 ON (default) = TRACK 1

DIP SW 5 OFF = TRACK 2

It is recommended that a 2-conductor cable be used to connect your dry contact closure to the DV66CA. This cable should be no longer than 40 feet.

Wire colour on DV66CA	Description	Wire colour on optional wire harness	Connection within Motion Sensor
GREEN	P20 = MS trigger (5VDC IN)	GREEN	Attach one to Normally Open (NO) and the other to Common (C) - see below
RED (various)	VCC = 5VDC OUT	RED	

