

BELTROL

2.4 Ghz Radio Control

PO BOX 1118 BAYSWATER, VIC 3153, AUSTRALIA

PHONE: INTERNATIONAL ++614 2902 9083

AUSTRALIA (04) 2902 9083 (03) 8685 8230

Website: <http://www.beltrol-rc.com>

Email: info@beltrol-rc.com

RCS # 2-M-Fv2.

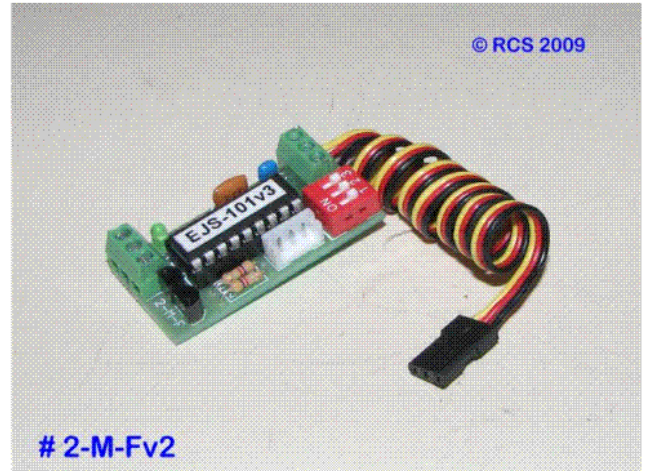
PLUG IN 2 FUNCTION DECODER
WITH OPEN COLLECTOR OUTPUTS.

A programmable device that can give 2 functions reading just 1 channel of a multi channel Digital Proportional (DP) R/C system.

This # 2-M-Fv2 plug in 2 function decoder is designed to work with one channel of a multi channel stick type R/C.

There are 2 x function outputs that can be either momentary or Latch ON-OFF.

The # 2-M-Fv2 simply plugs into the appropriate servo position on the RX as per the diagram.



SOUND SYSTEM TRIGGERS.

The **BELTROL # 2-M-Fv2** outputs are open collector transistors & can be used with sound systems made by Phoenix P2k2/PB9, Dallee, & Mylocosound.

OPERATION.

Press the # 1 channel stick half way or more either side of neutral to activate each function.

There are two outputs which take a logic high voltage from a sound system to ground.

Each L R function can be programmed for either Momentary (1) or latch ON-OFF (2) or OFF (3).

CHANGING THE ESC ACCESSORY FUNCTIONS.

Phoenix® P2k2 & PB9 sound systems self latch the Bell ON & OFF with brief pulses.

Dallee® sound systems require the Bell to be latched ON OFF.

WHISTLE: From Momentary (default) to Latch ON-OFF or function permanently OFF:

Set DIP switch to BC # 2 ON. (i.e. DIP SW # 2 ON). Toggle loco power ON-OFF until lights flash twice (2) in the ON position (Latch ON/OFF) or (3) times (function OFF). Then turn loco OFF.

BELL: From Momentary (default) to Latch ON-OFF or function permanently OFF:

Set DIP switch to BC # 3 ON. (i.e. DIP SW #'s 1 & 2 ON). Toggle loco power ON-OFF until lights flash twice (2) in the ON position (Latch ON/OFF) or (3) times (function OFF). Then turn loco OFF.

Be sure all three DIP-SW's are turned OFF before operation is resumed.

The **BELTROL # 2-M-Fv2** can be used with the spare servo output functions of any regular DP receivers. If you intend the functions to operate relays to switch a higher current be sure to add a small kickback diode across the relay coil to protect the transistor.

