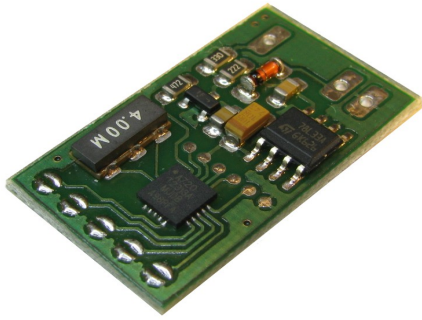




Universal emulator K-line

Modes of operation / jumper settings: ● - short, ⊖ - open, left to right:

1: BMW E38 E39 E46 E53 E83 E60 E65 seat occupancy, replaces “black box” and sensor mat itself:

●●⊖⊖⊖ occupied,
⊖●⊖⊖⊖ not occupied;

2: Mercedes Benz (1997 - 2001) TRW Airbag unit A-class W168, C-class W202, Vito W638, ML etc.

●⊖●⊖⊖ occupied,
⊖⊖●⊖⊖ not occupied;

3: Mercedes Benz (2000 - 2002) A-class W168, C-class W203, CLK W209, Vaneo, E-class W210, Sclass W220, Vito W639, ML W163 etc.

●⊖⊖●⊖ occupied,
⊖⊖⊖●⊖ not occupied;

4: Mazda seat emulator for 323 1998-2003, MX5 1998-2004, 626 1998-2002, Mazda 6 2002-2006 etc.

●●●⊖⊖ occupied,

5: Old SUZUKI immo - OKI eeprom etc, sends fixed synchro bytes **01 01 01 01**, must update ECU eeprom:

●●●●⊖ for 8192 baud operation,
⊖●●●⊖ for 16384 baud operation;

6: Daewoo immo for ECU with 68HC11F1 (E87J) on board, synchro bytes: **73 00**, must update ECU:

●⊖⊖⊖⊖ ;

7: Renault K-line emulator for ECU's before MY'2000 without CAN:

⊖⊖⊖⊖⊖ ;

8: Mercedes immo (W201), 65 Hz, periodic signal with fill 2:1,

⊖⊖⊖⊖● ;

9: BMW speed signal, 50km/h (analog signal from ASC to ECU, E36, E39 E46 etc):

⊖⊖⊖●● ;

NOTE: In some cases it is necessary to remove pullup resistor from emulator board.

