

# DCC Railcom Decoder

HDM17

CV	Range	Value	Discription
1	1..99	3	Primary Address
7		2	Manufacturer Version No. (read only)
8		13	Manufactured ID (read only)
14	0..3	3	Functions FL, FR active in analog
	0		No light
	1		FL
	2		FR
	3		FL, FR
17	192..231	192	Long address (high byte)
18	0..255	3	Long address (low byte)
28	Bit:	3	Railcom Configuration
	0	1	0
	0	1	Don't broadcast CH1
	1	1	Don't send data CH2
29	Bit:	10	Configuration byte
	0	1	0
	0	0	Normal Direction
	1	1	14 steps
	2	0	DCC only
	3	1	Railcom disabled
	4	0	
	5	0	Short address in CV1
	6	0	
	7	0	

Locomotives up to address 9999.

Two outputs with F0 depending on travel direction.  
Outputs 5V/20mA on port 1 and 2.

An output with sparks braking effect.  
Output 23V/300mA on port 3.

Selection of active outputs in analog.

RailCom transmission of locomotive address.

CV in POM reading.

PCB 14mm x 18mm

Connections:

J or Black = Digital ground

K or Red = Digital Power

FA or White = Port 1

FB or Yellow = Port 2

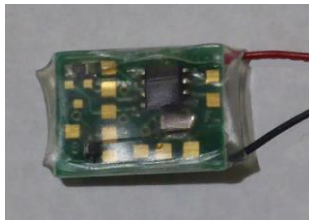
G or Grey = Common ground for Port 1 and 2

FC or Green = Port 3

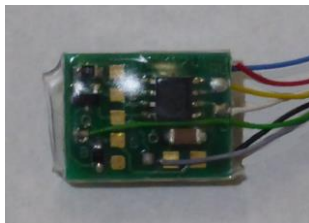
V+ or Blue = Power for Port 3

DCC-Rail can store the values of CV1 to CV128, although internally only uses a few. For a correct reading you have to program the same values of the locomotive decoder. You can either program CV in Direct or Paged mode and in the main track (PoM), the reading is carried out only in PoM mode with LocoRCD.

## Function decoder with a RailCom transmitter. Can be used with a Train decoder without RailCom



HDM17A Railcom



HDM17D Railcom + FA + FB + FC

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English

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