



# MRC Sound Decoder Comparison



As MRC has released many new sound decoders this chart helps you choose the one you want.

Scale	Item #	Sound	Lighting	Dimensions	Speaker Included	Accessory Functions
N	AD332	No	Directional	28x8.5x2.5*	N/A	No
HO	1626	Diesel	Directional plus Light Effects	50x17.5x6.0*	Yes 20mm	12-F1 to F12
HO	1629	Steam	Directional	48x17x7.5*	Yes 28mm	19-F1 to F19
HO Discon.	0001630 replaced by 0001656	Steam	Directional	48x17x7.5*	Yes 28mm	F1 to F28
HO Discon.	0001631 replaced by 0001657	Diesel [EMD 567B]	Directional plus Light Effects	50x17.5x6.0*	Yes 20mm & 28mm	F1 to F28
HO	0001632	Diesel [EMD large/modern/turbo]	Directional plus Light Effects	48x17x7.5*	Yes 28mm	F1 to F19
HO	0001633	Diesel [EMD switcher/ modern]	Directional plus Light Effects	48x17x7.5*	Yes 28mm	F1 to F19
HO	0001634 Snap-in	Diesel [EMD modern/turbocharged]	Directional plus Light Effects	75.25x17.83x8.96*	Yes 28mm	F1 to F19
N	0001636	Diesel-Late	Directional	70x 9.4x 5.4*	Yes 13mm x 20mm oval	19-F1-F19
*Snap-in. Fits most Atlas Locos.; Normally Aspirated						
N	0001637	Steam	Directional	35x 10.5x 5*	Yes TBA	TBA
HO [mini]	0001638	Diesel EMD modern/turbocharged	Directional	35x 10.5x 5*	Yes 20mm	19-F1-F19
HO [mini]	0001639	Steam	Directional	35x 10.5x 5*	Yes 20mm	TBA
N	0001641	No	Directional	TBA	No	TBA
*snap-in fits Atlas GP and others						
N	0001642	No	Directional	TBA	No	TBA
* Drop-in fits Athearn and Kato						
HO [mini]	0001643	Diesel-EMD Sheer Brilliance; Modern Switcher Normally Aspirated	Directional plus Light Effects	35x 10.5x 5	Yes 28mm	19-F1-F19
N**	0001644	2 programmable prime mover sounds diesel	Directional	90x 14x 4.2	Yes 13mm	28-F1-F28
N***	0001645	2 programmable prime mover sounds diesel	Directional	90x 42x 4.2	Yes 13mm	28-F1-F28
G/O	0001646	2 sound diesel	Directional	TBA	TBA	28-F1-F28
**** TBA						

G/O **** TBA	0001647	Steam	Directional	TBA	TBA	28-F1-F28
HO with JST plug and harness; fits all 9 pin plugs in some locos	0001651	No	Directional plus Light Effects	30x 14.6x 5.0*	N/A	4-F1 to F4
HO/G	AD321	No	Directional	50x20x7.0*	N/A	4 – F0 to F3
G Discon.	AD322	Diesel	Directional plus Light Effects	36x88x23*	Yes 2"	4 sound functions-F1 to F4
G	AD324	No	Directional plus Light Effects	36x88x23*	N/A	4 –F1 to F4
Accessory [2 digit, [1-127], mobile decoder address]	AD360	No	Red and Green Signal LED's [included]		N/A	N/A Single Output
Accessory	0001628	No	N/A	N/A	N/A	Four Output

- All dimensions are in millimeters\*
- All decoders feature 2 digit, [1-127], or 4 digit, [1-9999], addressing, [except where noted].
- All decoders feature 14-28/128 speed steps where applicable.
- All decoders feature advanced consisting except AD332, "N" scale decoder, AD360 accessory decoder, and 0001628 accessory decoder.
- All decoders feature "Ops Mode" programming except AD332, and AD360 accessory decoder.
- \*0001636 "N" scale sound decoder-Frame needs some modification for speaker mounting. Contact "Aztec Manufacturing" 1-775-883-3327 for aftermarket frames.
- Specifications subject to change.
- {revised 10/01/07}

\*\*Fits Kato N Scale SD70MAC and AC4400

\*\*\*Fits Kato N Scale P42 and E8/9

\*\*\*\*5 amp runs on AC/DC/DCC