



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