

# Bachmann HO 2-6-0 Sound Value™ Equipped



## Whistle Selections:

|                    |   |
|--------------------|---|
| GBL 40 (Default)   | 2 |
| B&O 3 Chime        | 0 |
| D&RGW Single Chime | 1 |

## Exhaust Chuff:

Medium Steam

## Air Compressor:

Cross Compound

## Configuration Variable Defaults

| CV #  | Description                   | Default value | CV # | Description                   | Default value |
|-------|-------------------------------|---------------|------|-------------------------------|---------------|
| 1     | Primary address Control       | 03            | 116  | Back EMF Auto Chuff Rate      | 39            |
| 2     | V Start                       | 00            | 119  | Effect Processor Select       | 00            |
| 3     | Baseline Acceleration Rate    | 00            | 128  | Master Volume Control         | 192           |
| 4     | Baseline Braking Rate         | 00            | 129  | Whistle Volume Control        | 225           |
| 5     | V max                         | 00            | 130  | Bell Volume Control           | 64            |
| 6     | V mid                         | 00            | 131  | Exhaust Volume Control        | 148           |
| 7     | Manufacturer Version ID       | Read Only     | 132  | Air Compressor Volume         | 100           |
| 8     | Manufacturer ID               | 141           | 193  | Automatic Bell-on Set Point   | 05            |
| 10    | BEMF Cutout                   | 00            | 194  | Automatic Bell –off Set Point | 10            |
| 11    | Packet time Out Value         | 00            | 195  | Grade Crossing Sensitivity    | 04            |
| 12    | Alternate Power Source        | 01            | 197  | Analog Mode Sound Config.     | 06            |
| 13    | Analog Mode Functions         | 00            | 198  | DCC Mode Auto Sound Config    | 00            |
| 14    | Analog Function enable 1      | 03            | 209  | Kp Coefficient                | 80            |
| 15    | CV Unlock Code                | 00            | 210  | Ki Coefficient                | 08            |
| 16    | CV Lock Code                  | 00            | 212  | Motor Control Intensity       | 255           |
| 17    | Extended Address              | 192           | 213  | Motor Control Sample Period   | 08            |
| 18    | Extended Address              | 03            | 214  | Motor Control Aperture Time   | 08            |
| 19    | Consist Address               | 00            | 216  | BEMF Reference Voltage        | 140           |
| 21    | Consist Function Group        | 00            |      |                               |               |
| 22    | Consist Function Group 2      | 00            |      |                               |               |
| 23    | Consist Acceleration Rate     | 00            |      |                               |               |
| 24    | Consist Braking Rate          | 00            |      |                               |               |
| 25    | Speed Table Register          | 16            |      |                               |               |
| 29    | Configuration Register 1      | 22            |      |                               |               |
| 30    | Error information             |               |      |                               |               |
|       | Alternate mode selection      | 00            |      |                               |               |
| 33    | FL (f) Output Location        | 01            |      |                               |               |
| 34    | FL (R) Output Location        | 03            |      |                               |               |
| 35    | F1 Output Location            | 08            |      |                               |               |
| 36    | F2 Output Location            | 04            |      |                               |               |
| 37    | F3 Output Location            | 16            |      |                               |               |
| 38    | F4 Output Location            | 00            |      |                               |               |
| 39    | F5 Output Location            | 00            |      |                               |               |
| 40    | F6 Output Location            | 00            |      |                               |               |
| 41    | F7 Output Location            | 16            |      |                               |               |
| 42    | F8 Output Location            | 32            |      |                               |               |
| 43    | F9 Output Location            | 00            |      |                               |               |
| 44    | F10 Output Location           | 00            |      |                               |               |
| 45    | F11 Output Location           | 00            |      |                               |               |
| 46    | F12 Output Location           | 00            |      |                               |               |
| 49-50 | Hyperlight Effects            | 142           |      |                               |               |
| 59    | Flash Rate                    | 04            |      |                               |               |
| 60    | Crossing Hold Time            | 04            |      |                               |               |
| 63    | Analog Mode Motor Start Volt. | 35            |      |                               |               |
| 64    | Analog Mode Max Volt.         | 180           |      |                               |               |
| 66    | Forward Trim                  | 128           |      |                               |               |
| 67-94 | SpeedTable                    | Varies        |      |                               |               |
| 95    | Reverse Trim                  | 128           |      |                               |               |
| 105   | User Identifier #1            | ---           |      |                               |               |
| 106   | User Identifier #2            | ---           |      |                               |               |
| 112   | Sound Configuration           | 00            |      |                               |               |
| 114   | Bell Ring Rate                | 04            |      |                               |               |
| 115   | Whistle Selection             | 02            |      |                               |               |