



## Quick Start Guide: Atlas HO Scale Trainman Series Diesels Equipped with LokSound Essential Sound Decoders

Congratulations on purchasing an Atlas Trainman Series locomotive that is equipped with an ESU Essential sound decoder, which provides basic sound and DCC functionality at an affordable price. The information in this section is designed to get you running your new sound decoder-equipped diesel locomotive as quickly as possible.

### Running the Locomotive on DCC – Basic Operation

- Place the locomotive on your DCC equipped layout.
- Select locomotive address #3 on your DCC system (this is the factory default address).
- Press F8 to turn sound on and initiate the startup sequence, then operate as desired (see function list).

#### Function List

F0	Headlights Front/Rear
F1	Bell
F2	Horn
F3	Coupler
F4	Dynamic Brake
F5	Not in use
F6	Auxiliary Lights if equipped
F7	Compressor
F8	Startup/Shutdown
F9	Drive Hold

#### Common CVs

(See ESU documentation for a full listing)

CV	Description	Default Value
CV1	Short Address	3
CV2	Starting Voltage (1-255)	6
CV3	Acceleration Rate (0-255)	23
CV4	Deceleration Rate (0-255)	23
CV5	VMax (0-255)	255
CV6	VMid (0-255)	0
CV17	Long Address	192
CV18	Long Address	128
CV63	Master Volume (0-192)	192
CV124	Disable Startup Delay (write 0 to this CV)	4

### Decoder Reset Procedure

- Place the locomotive on your programming track or main track.
- Be sure to select the proper address if using your main track with other locomotives.
- Write a value of 8 to CV8.
- Remove the locomotive from the track, or tilt the locomotive so that all the wheels on one side are off the track for 5-10 seconds. This is very important, the power must be cycled for a successful reset.
- Note that this will set the address back to the default of 3.

For more information please visit:

<http://www.atlasrr.com>

<http://www.esu.eu/en/downloads/>

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