



## KOBO CUSTOM QUICK REFERENCE GUIDE

Your new sound-equipped KATO General Electric P42 locomotive comes equipped with a SoundTraxx Tsunami TSU-1000 Kato OEM P42 custom sound decoder and is designed to operate in DCC mode, but will function in DC mode with limited capabilities.

In DCC mode, the default address on assembly is **03**. To change settings on a DCC system, please consult [www.soundtraxx.com/manuals.php](http://www.soundtraxx.com/manuals.php) for the most current revision of the decoder manual.

When on the DC system, the sound will function for the engine motor sounds only. No other function will perform. However, certain devices such as the MRC Tech 6 sound controller or Black Box are able to operate additional sounds in DC mode.

As with our other DC operated locomotives, the head and rear lights will illuminate when the voltage is high enough. It should be noted that the initial start voltage in this sound equipped unit in DC mode is higher than a standard non sound equipped locomotive. In DC operation, the headlights are dependant upon the direction of the locomotive. You will need to use a DCC system to modify the headlight configuration if changes are desired from this preprogrammed setup.

Please note that the switch on top of the model to control lighting effects in analog (DC) mode has been disabled and should not be rotated. All lighting functions are now controlled via the decoder.

Troubleshooting:

1. Dirt on rails and wheels can cause a make/break in the electrical connection to your locomotive. As with any locomotive, it is important to periodically clean locomotive wheels and track to ensure optimal electrical pickup.
2. If the locomotive and decoder becomes unresponsive or operation becomes erratic, reset the decoder to default settings.

In the event of a failure of the locomotive or circuit board, please return the model to:

KATO USA, INC.  
Attn: REPAIR  
100 REMINGTON ROAD  
SCHAUMBURG, IL 60173

Please do not return circuit boards or locomotives to ESU-LokSound for repair.



## **Kato Kobo P42 “Genesis” with SoundTraxx Kato OEM P42 Custom GE TSU-1000 Sound Decoder installed**

Upon assembly and testing of your new Kato Kobo custom P42 “Genesis” model with DCC and sound, a SoundTraxx Kato OEM P42 Custom GE TSU-1000 sound decoder has been installed.

Minor adjustments have been made to the factory default settings to enhance the overall performance of the model.

CV Changes from default:

- CV128 to 255
- CV129 to 225
- CV130 to 150
- CV131 to 255

Basic functions (please consult most current revision SoundTraxx manual for full listing):

Function Key Effect

- F0 Headlight/Backup Light
- F1 Bell
- F2 Airhorn
- F3 Short Horn
- F4 Dynamic Brake On/Off
- F5 Front Marker Lights
- F6 Rear Marker Lights
- F7 Light Dimmer
- F8 Mute the Sound
- F12 Coupler Clank

CV 08 set to 008 will reset the decoder to factory defaults if necessary

**The downloadable manual for the SoundTraxx Tsunami TSU-1000 decoder installed in your model is available as a PDF file at this link on SoundTraxx’s website:**

<http://www.soundtraxx.com/manuals.php>

**This manual lists how to further modify your SoundTraxx Tsunami sound decoder programming beyond basic setup.**