

Audio Assist® is an auditory feedback, main line configuration tool that allows for quick and easy setup of nearly all of the decoder functionality.

- 1** Hear The Sound Programming Options
- 2** Hear The Lighting Programming Options
- 3** Hear The Motor Control Programming Options
- 4** Hear Additional Options

## SOUND PROGRAMMING OPTIONS

- 1** Adjust Sound Volumes
- 2** Map Sounds to a Button
- 3** Select a Prime Mover

### VOLUMES MENU

- 1** Adjust Master Volumes
- 2** Adjust Sound Volumes
- 9** Back to Previous Menu
- 0** Exit Audio Assist

### MASTER VOLUME MENU

- 1 & 2** Adjust Volume Down or Up
- 8** Save Changes
- 9** Back to Previous Menu
- 0** Exit Audio Assist

### SOUND VOLUMES MENU

- 3 & 4** To Scroll the Sound Types
- 1 & 2** Adjust Volumes Down or Up
- 8** Save Changes
- 9** Back to Previous Menu
- 0** Exit Audio Assist

### SOUND MAPPING MENU

- 3 & 4** Scroll the Sound Types
- 5 & 6** Select the Specific Sound
- 1 & 2** Select the Function Button to assign the sound to
- 7** Remove sound from the Function Button
- 8** Save Changes
- 9** Back to Previous Menu
- 0** Exit Audio Assist

### PRIME MOVER MENU

- 1 & 2** Scroll through the Prime Movers
- 3** If your engine has 2 Prime Movers
- 4** If your engine has 1 Prime Mover
- 8** Save Changes
- 9** Back to Previous Menu
- 0** Exit Audio Assist

## LIGHTING PROGRAMMING OPTIONS

- 1** Setup Lighting Effects
- 2** Remap Light Functions

### LIGHTING EFFECTS MENU

- 1 & 2** Select an Output Wire
- 3 & 4** Select a Lighting Effect
- 5 & 6** Select the Direction of the active Lighting Effect
- 8** Save Changes
- 9** Back to Previous Menu
- 0** Exit Audio Assist

### LIGHTING REMAP MENU

- 1 & 2** To Scroll the Function Wires
- 3 & 4** Select the Button to Remap the Wire to
- 8** Save Changes
- 9** Back to Previous Menu
- 0** Exit Audio Assist

## MOTOR CONTROL PROGRAMMING OPTIONS

- 1** Speed Matching
- 2** Calibrate Locomotive for Prototype Operation
- 9** Back to Previous Menu
- 0** Exit Audio Assist

### SPEED MATCHING MENU

- 1 & 2** To select the direction you want to adjust
- 3** Slows down the Locomotive
- 4** Speeds up the Locomotive
- 8** Save Changes
- 9** Back to Previous Menu
- 0** Exit Audio Assist

### CALIBRATION MENU

Run the locomotive on a straight and level piece of track at about speed step 15 of 128 without any cars attached. Then, Press **1**

Next run the locomotive in a heavily loaded condition. When the locomotive is ready, Press **2**

## ADDITIONAL OPTIONS

- 1** Choose a Throttle Mode
- 2** Setup your Decoder Presets
- 3** Access Factory Resets
- 7** Hear decoder manufacture information

### THROTTLE MODE MENU

- 1 & 2** Select your locomotive's operational mode
- 7** Hear Throttle Mode explanations
- 8** Save Changes
- 9** Back to Previous Menu
- 0** Exit Audio Assist

### DECODER PRESETS MENU

- 1 & 2** Select a preset
- 3** Activates the preset
- 7** Hear more information
- 8** Save Changes
- 9** Back to Previous Menu
- 0** Exit Audio Assist

### FACTORY RESET MENU

- 2** Resets the entire decoder
- 3** Resets throttle buttons to their default sounds
- 4** Resets the sound volume levels
- 9** Back to Previous Menu
- 0** Exit Audio Assist

## Diesel Quick Reference - Audio Assist Speed Dials

Adjust individual sound levels	<b>8 8 8 8</b> → <b>1 1 2</b> <b>3</b> <b>1</b> or <b>2 8 0</b>
Adjust master sound levels	<b>8 8 8 8</b> → <b>1 1 1</b> <b>1</b> or <b>2 8 0</b>
Throttle Modes Defined	<b>8 8 8 8</b> → <b>4 1 7</b> <b>0</b>
Throttle Mode Selection	<b>8 8 8 8</b> → <b>4 1 1</b> <b>8 0</b>
Select a Prime Mover	<b>8 8 8 8</b> → <b>1 3 1</b> <b>3</b> or <b>4 8 0</b>
Set Up Lighting Effects	<b>8 8 8 8</b> → <b>2 1 1</b> <b>3</b> <b>5</b> <b>8 0</b>
Remap Lighting Functions	<b>8 8 8 8</b> → <b>2 2 1</b> <b>3</b> <b>5</b> <b>8 0</b>
Map a Sound to a Button	<b>8 8 8 8</b> → <b>1 2 3</b> <b>5</b> <b>1</b> <b>8 0</b>