

Press **8 8 8 8**

MAIN MENU

Audio Assist® Programming

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 Chuff Set

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

CHUFF SETS MENU

- 1 & 2** Scroll through the Locomotive Types
- 3** If your engine is articulated
- 4** If your engine is not articulated
- 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** To perform an automatic chuff calibration.*
- 3** Adjust Chuff Rate
- 4** To perform a detailed manual chuff calibration.*
- 9** Back to Previous Menu
- 0** Exit Audio Assist

* This step is important to maximize your enjoyment of this decoder. Proto chuff makes your loco sound like the real thing when it's working hard or running light. Perform this calibration to optimize the proto chuff feature.

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

CHUFF RATE MENU

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

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

Steam Quick Reference - Audio Assist Speed Dials

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

F9 Rotate Feature:

Press Button 9 twice to enter "Rotate Mode". Once in Rotate Mode, you can press button 9 more times to change the last-played sound type (Whistle, Bell, or Chuff).

Change the *Whistle* or *Bell* while **stationary**. The Chuff will only change while **moving**.

After a few seconds, Rotate Mode will exit automatically and you will need to re-enter Rotate Mode to change sounds again.

TCS STEAM

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