

## DENALI TT-SB.10100.B

# DENALI SoundBomb Split Dual-Tone Air Horn

Model: TT-SB.10100.B

## 1. INTRODUCTION

The DENALI SoundBomb Split Dual-Tone Air Horn is an advanced acoustic warning device designed for motorcycles, offering a powerful 120dB sound output at approximately 1 meter. Its unique split design allows the compressor and acoustic unit to be mounted separately, providing greater installation flexibility, especially for vehicles with limited space. This manual provides essential information for the proper installation, operation, and maintenance of your SoundBomb Split horn.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing and operating the horn. Failure to do so may result in product damage, property damage, or personal injury.

- Always disconnect the vehicle's battery before performing any electrical work.
- Ensure all electrical connections are secure and properly insulated to prevent short circuits.
- Mount the horn and compressor in locations that do not obstruct vehicle controls or airflow.
- Avoid prolonged exposure to the horn's sound, as it can cause hearing damage.
- If you are unsure about any installation steps, consult a qualified motorcycle technician.

## 3. PACKAGE CONTENTS

Verify that all components listed below are present in your package:

- DENALI SoundBomb Acoustic Unit
- DENALI SoundBomb Air Compressor
- 3-foot (approx. 1 meter) Air Hose
- 12V 30A Relay
- Cable Ties



This image displays all the components included in the DENALI SoundBomb Split Dual-Tone Air Horn kit. Visible are the main acoustic horn unit, the separate air compressor, a flexible hose to connect them, a 12V relay for electrical connection, and several cable ties for mounting and wire management.

## 4. SETUP AND INSTALLATION

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The DENALI SoundBomb Split horn is designed for flexible installation. The compressor can be mounted up to 3 feet (approximately 1 meter) away from the acoustic unit, allowing for optimal placement on various motorcycle models, including those with fairings or limited space.

### 4.1. Mounting

1. Identify suitable mounting locations for both the acoustic unit and the compressor. Ensure they are protected from direct water spray and road debris.
2. Securely mount the acoustic unit and compressor using appropriate hardware (not included, unless specified).
3. Connect the acoustic unit to the compressor using the provided 3-foot air hose. Ensure a tight seal to prevent air leaks.

### 4.2. Electrical Connection

1. The SoundBomb horn requires a 12V power source and draws 20A. It is compatible with CANbus electrical systems.
2. Utilize the included 12V 30A relay for proper power management and to protect your motorcycle's electrical system.
3. Connect the horn's wiring to the relay according to the relay's diagram. Typically, this involves connecting to a switched 12V source, ground, and the horn trigger wire from your motorcycle's existing horn button.
4. Ensure all connections are crimped securely and insulated with heat shrink tubing or electrical tape.
5. Once all connections are made, re-connect the vehicle's battery.

*For detailed wiring diagrams, please refer to the specific instructions provided with your relay or consult a professional.*

## 5. OPERATING INSTRUCTIONS

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Once properly installed, the DENALI SoundBomb Split horn operates like your motorcycle's standard horn. Simply press your motorcycle's horn button to activate the SoundBomb. The horn will produce its loud, dual-tone sound as long as the button is pressed.

## 6. MAINTENANCE

The DENALI SoundBomb Split horn is designed for durability and requires minimal maintenance.

- Periodically inspect all mounting points and electrical connections to ensure they remain secure.
- Keep the horn and compressor free from excessive dirt and debris. Clean with a damp cloth as needed.
- Do not attempt to disassemble the horn or compressor, as this may void the warranty and damage the unit.

## 7. TROUBLESHOOTING

If you experience issues with your SoundBomb Split horn, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Horn does not sound	No power to the horn/relay; Blown fuse; Loose electrical connection; Faulty relay.	Check fuse in the horn circuit; Verify 12V power at the relay and horn; Inspect all wiring connections; Test or replace the relay.
Horn sounds weak or inconsistent	Air leak in hose connection; Low voltage; Compressor issue.	Check air hose connections for leaks; Ensure battery voltage is adequate; Contact support if compressor is suspected faulty.
Horn sounds continuously	Stuck horn button; Faulty relay.	Check motorcycle horn button for proper operation; Test or replace the relay.

## 8. SPECIFICATIONS

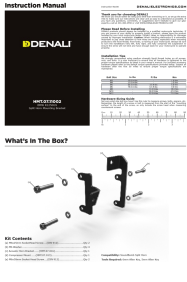




Feature	Detail
Sound Output	120dB at 3 feet (approx. 1 meter)
Current Draw	20A
Compressor Dimensions	114.3 x 73.66 x 76.2 mm (4.5 x 2.9 x 3.0 inches)
Acoustic Unit Dimensions	104.14 x 93.98 x 86.36 mm (4.1 x 3.7 x 3.4 inches)
Design	All-black, compact, CANbus compatible
Origin	Designed in USA, Manufactured in Italy

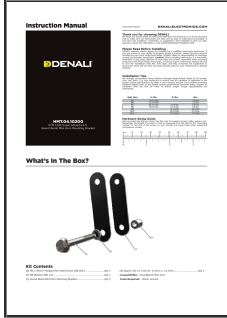
## 9. WARRANTY AND SUPPORT

For information regarding warranty coverage and technical support, please refer to the documentation provided at the time of purchase or visit the official DENALI website. Keep your proof of purchase for

warranty claims.

## Related Documents - TT-SB.10100.B

 The image shows the cover of the DENALI Split Horn Mounting Bracket HMT.07.11002 Installation Manual. It features the DENALI logo, a QR code, and a photograph of the mounting bracket and its components. The text 'What's in The Box?' is visible below the photo.	<p><a href="#">DENALI Split Horn Mounting Bracket HMT.07.11002 Installation Manual</a></p> <p>Official instruction manual for the DENALI Split Horn Mounting Bracket (HMT.07.11002) for BMW R1250GS. Includes installation steps, hardware guide, and torque specifications.</p>
 The image shows the cover of the DENALI GEN II CANsmart Controller for BMW R1200/R1250 Series: Installation and User Guide. It features the DENALI logo, a QR code, and a photograph of the controller unit and its wiring. The text 'What's in The Box?' is visible below the photo.	<p><a href="#">DENALI GEN II CANsmart Controller for BMW R1200/R1250 Series: Installation and User Guide</a></p> <p>Comprehensive guide for installing and operating the DENALI GEN II CANsmart Controller on BMW R1200 LC and R1250 series motorcycles. Features plug-n-play accessory control, customizable settings, and smart brake light functionality.</p>
 The image shows the cover of the DENALI Horn Mounting Bracket for Harley Davidson Pan America - Installation Manual. It features the DENALI logo, a QR code, and a photograph of the mounting bracket and its components. The text 'What's in The Box?' is visible below the photo.	<p><a href="#">DENALI Horn Mounting Bracket for Harley Davidson Pan America - Installation Manual</a></p> <p>Official instruction manual for the DENALI Horn Mounting Bracket (HMT.23.10100) for the Harley Davidson Pan America. Includes installation steps, torque specifications, and kit contents.</p>
 The image shows the cover of the DENALI D7 LED Light Pod Installation Guide. It features the DENALI logo, a QR code, and a photograph of the LED light pod and its wiring. The text 'What's in The Box?' is visible below the photo.	<p><a href="#">DENALI D7 LED Light Pod Installation Guide</a></p> <p>Official instruction manual for DENALI D7 LED Light Pod (DNL.D7.050). Covers installation tips, hardware torque specs, mounting locations, and aiming procedures for motorcycles.</p>
 The image shows the cover of the DENALI CANsmart Controller Installation and Operation Manual. It features the DENALI logo, a QR code, and a photograph of the controller unit and its wiring. The text 'What's in The Box?' is visible below the photo.	<p><a href="#">DENALI CANsmart Controller Installation and Operation Manual</a></p> <p>Comprehensive guide for installing and operating the DENALI CANsmart Controller, including wiring, software setup, and troubleshooting for motorcycle accessories.</p>



[DENALI Sound Bomb Mini Horn Mounting Bracket Installation Manual for KTM 1290 Super Adventure R/S](#)

This manual provides step-by-step instructions for installing the DENALI Sound Bomb Mini Horn Mounting Bracket (HMT.04.10200) on a KTM 1290 Super Adventure R/S (2021+). It includes a list of kit contents, required tools, and installation tips.