

## Scosche E400

# Scosche E400 400-Watt Single Amplifier Kit User Manual

Model: E400 | Brand: Scosche

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Scosche E400 400-Watt Single Amplifier Kit. Please read this manual thoroughly before attempting installation or use to ensure proper functionality and safety.

## 2. SAFETY INFORMATION

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Always observe the following safety precautions to prevent injury or damage to your equipment:

- Disconnect the vehicle's negative battery terminal before beginning any installation.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Route cables away from moving parts, sharp edges, and excessive heat sources.
- Properly ground the amplifier to a clean, unpainted metal surface on the vehicle chassis.
- If you are unsure about any installation steps, consult a qualified professional.

## 3. PACKAGE CONTENTS

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Verify that all components listed below are present in your Scosche E400 kit:

- 17 ft 6.5mm HEX clear Blue power cable
- 6 ft 6.5mm HEX clear Silver ground cable
- 17ft Twisted Pair HEX audio cables (RCA cables)
- Speaker Wire
- Single AGU Fuse holder
- All necessary installation hardware (e.g., ring terminals, spade terminals, cable ties)



This image displays the complete contents of the Scosche E400 amplifier kit, featuring the clear blue power cable, clear silver ground cable, twisted pair RCA audio cables, an AGU fuse holder, speaker wire, and a selection of connectors and cable management accessories.

## 4. SETUP AND INSTALLATION

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Follow these steps carefully for a successful installation:

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Route Power Cable:** Route the 17 ft blue power cable from the battery location through the firewall into the vehicle's interior to the planned amplifier mounting location. Ensure the cable is protected from sharp edges and heat sources.
3. **Install Fuse Holder:** Install the AGU fuse holder within 18 inches (45 cm) of the battery's positive terminal. Connect one end of the power cable to one side of the fuse holder and a short length of power cable from the other side of the fuse holder to the battery's positive terminal. *Do not insert the fuse into the holder yet.*
4. **Route Ground Cable:** Connect the 6 ft silver ground cable from the amplifier mounting location to a clean, unpainted metal surface on the vehicle chassis. Ensure a secure, low-resistance connection.
5. **Route RCA Cables:** Route the 17 ft twisted pair HEX audio cables (RCA cables) from your head unit (source unit) to the amplifier. To minimize noise, route these cables on the opposite side of the vehicle from the power cable.

6. **Connect Speaker Wire:** Connect the speaker wire from the amplifier's output terminals to your subwoofer or speakers. Pay close attention to correct polarity (+ to + and - to -).
7. **Connect Remote Turn-On Wire:** If your amplifier requires a remote turn-on signal, connect a remote turn-on wire (typically a thin blue wire, not explicitly listed in this kit but standard for amplifier installations) from your head unit's remote output to the amplifier's remote input.
8. **Final Amplifier Connections:** Securely connect the power, ground, RCA, and remote turn-on wires to their respective terminals on the amplifier.
9. **Insert Fuse and Reconnect Battery:** Once all connections are verified, insert the fuse into the AGU fuse holder. Reconnect the negative terminal of the vehicle's battery.
10. **Test System:** Power on your vehicle's head unit and amplifier to test the audio system's functionality. Adjust amplifier settings as needed.

## 5. OPERATING INSTRUCTIONS

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Once installed, the amplifier kit facilitates the connection of your amplifier to your vehicle's audio system. The operation of the amplifier itself will depend on the specific amplifier model you are using. Generally, you will control the audio output through your vehicle's head unit. Adjustments such as gain, crossover frequencies, and bass boost are typically made directly on the amplifier unit or through the head unit's settings, if applicable.

## 6. MAINTENANCE

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Regular maintenance helps ensure the longevity and performance of your amplifier kit:

- Periodically inspect all cable connections for tightness and corrosion.
- Ensure cables are securely fastened and not rubbing against sharp edges or exposed to excessive heat.
- Check the fuse in the AGU fuse holder for any signs of damage or blowing. Replace with a fuse of the same rating if necessary.
- Keep the amplifier and surrounding area clean and free of debris.

## 7. TROUBLESHOOTING

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If you encounter issues, consider the following common troubleshooting steps:

- **No Power to Amplifier:**
  - Check the fuse in the AGU fuse holder.
  - Verify the power cable connection at the battery and amplifier.
  - Ensure the ground cable has a solid connection to the chassis.
  - Confirm the remote turn-on wire is connected and receiving a signal from the head unit.
- **No Sound Output:**
  - Check RCA cable connections at both the head unit and amplifier.
  - Verify speaker wire connections and polarity.
  - Ensure the amplifier's gain and crossover settings are correctly configured.
  - Confirm the head unit is providing an audio signal.
- **Distortion or Noise:**

- Ensure power and RCA cables are routed separately to avoid interference.
- Check for a proper ground connection; a poor ground can cause noise.
- Adjust amplifier gain settings to prevent clipping.

## 8. SPECIFICATIONS

Feature	Specification
Brand	Scosche
Model Number	E400
Item Dimensions (L x W x H)	16 x 11.3 x 5.2 inches
Item Weight	2.58 pounds
Mounting Type	Ground Cable (refers to ground cable component)
Number of Channels	1 (for amplifier kit suitability)
Output Power	400 Watts (kit rating)
Material	Silver (refers to ground cable material)
Manufacturer	SCOSCHE

## 9. WARRANTY AND SUPPORT

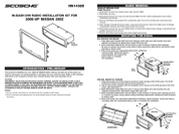
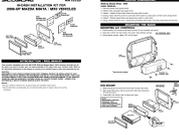
The Scosche E400 400-Watt Single Amplifier Kit comes with a warranty of **NINETY DAYS** from the date of purchase.

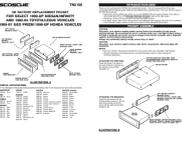
For technical support, warranty claims, or further assistance, please contact Scosche customer service.

Refer to the official Scosche website for the most current contact information and support resources.

Keeping your proof of purchase is recommended for warranty purposes.

## Related Documents

	<p><a href="#">Scosche NN1456B In-Dash Radio Installation Kit for 2006-2009 Nissan 350Z - Installation Guide</a></p> <p>Complete installation guide for the Scosche NN1456B in-dash radio installation kit, designed for 2006-2009 Nissan 350Z vehicles. Includes radio removal and mounting instructions for single and double DIN units.</p>
	<p><a href="#">Scosche MA1532B Installation Kit for 2006-Up Mazda Miata/MX5 Stereo Dash Replacement</a></p> <p>Detailed installation guide for the Scosche MA1532B dash kit, enabling the replacement of factory stereos in 2006-Up Mazda Miata and MX5 vehicles. Covers vehicle disassembly, A/C control mounting, and single/double DIN radio installation procedures.</p>

	<p><a href="#">Scosche FD6210B Installation Kit for 2015-UP Ford Mustang - Installation Guide</a></p> <p>Detailed installation guide for the Scosche FD6210B in-dash kit, designed for 2015 and up Ford Mustang models with single zone manual climate controls. Includes parts list, tools required, and step-by-step instructions for dash disassembly and assembly.</p>
	<p><a href="#">Scosche TN2150 OE Replacement Pocket Installation Guide for Nissan, Toyota, Honda Vehicles</a></p> <p>Detailed installation guide for the Scosche TN2150 OE replacement pocket, designed for select 1990-up Nissan/Infiniti, 1982-04 Toyota/Lexus, 1989-97 Geo Prizm, and 1998-up Honda vehicles. Includes vehicle application lists and mounting instructions.</p>

Documents - Scosche – E400



[\[pdf\] User Manual](#)

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