

## Memphis SRXP62CV2

# Memphis Audio SRXP62CV2 SRX Pro 6.5-inch Component Car Speakers with LED Instruction Manual

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## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Memphis Audio SRXP62CV2 SRX Pro 6.5-inch Component Car Speakers with LED. Please read this manual thoroughly before attempting installation or operation to ensure proper function and safety. Retain this manual for future reference. The SRXP62CV2 component set is designed to deliver high-output audio performance with the added visual appeal of RGB LED illuminated dust caps.



Image 1: Complete Memphis Audio SRXP62CV2 Component Speaker Set.

## 2. SAFETY INFORMATION

Always observe the following safety precautions during installation and operation:

- Disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent short circuits.
- Ensure all wiring is properly insulated to prevent shorts and electrical hazards.
- Mount speakers securely to prevent them from becoming projectiles in the event of a sudden stop or collision.
- Avoid installing speakers in locations that obstruct vehicle operation or safety features.
- Do not operate audio systems at excessively high volumes for prolonged periods, as this can cause hearing damage.
- Consult a professional installer if you are unsure about any part of the installation process.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Two (2) 6.5-inch Woofers with RGB LED Illuminated Dust Caps
- Two (2) Tweeters
- Two (2) Passive Crossovers
- Two (2) Speaker Grills
- Mounting Hardware (screws, clips)
- Wiring Harnesses for LED (as shown in image)
- Instruction Manual (this document)

### 4. SETUP & INSTALLATION

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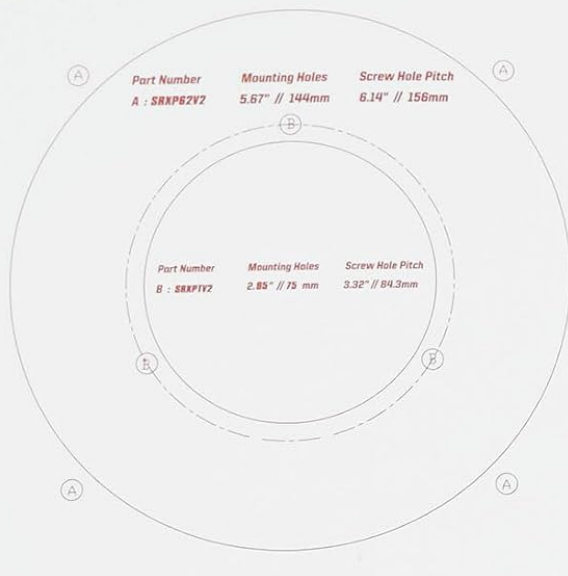
Proper installation is crucial for optimal performance and safety. If you are not comfortable with car audio installation, seek professional assistance.

#### 4.1. Mounting

The SRXP62CV2 component set includes mounting templates to assist with installation. Ensure the chosen mounting location provides adequate depth and clearance for the speakers and tweeters.



## SRXP62CV2 MOUNTING TEMPLATES



## STREET REFERENCE

### LIMITED WARRANTY

Memphis Audio warrants this product for defects in material or workmanship for 1 year from the date of purchase. This warranty is void if the product has been physically damaged by improper use or abuse, or if repairs have been attempted outside of a Memphis Audio repair facility.

This warranty is limited to the original retail purchaser and does not cover any expense incurred in the removal or re-installation of the product. This warranty does not apply to product exterior and cosmetics. Memphis Audio disclaims any liability for incidental or consequential damages caused by product defects. Memphis Audio's liability will not exceed the purchase price of the product and the warranty period specified.

#### What is NOT Covered under this warranty

- Damage due to improper installation
- Damage caused by exposure to moisture, excessive heat, chemical cleaners and/or UV radiation
- Damage through negligence, misuse, accident or abuse. Repeated returns for the same damage may be considered abuse.
- Product damaged in an accident and/or due to criminal activity
- Service performed by anyone other than Memphis Audio
- Subsequent damage to other components
- Any cost or expense related to the removal or re-installation of product
- Speakers damaged due to amplifier clipping or distortion
- Products with tampered, missing, altered or defaced serial number labels
- Freight damage
- The cost of shipping product to Memphis Audio
- Return shipping on non-defective items
- Any product not purchased from an Authorized Memphis dealer
- Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific rights and you may have other rights which vary from state to state.

If warranty service is required, a return authorization number is required to return the product to Memphis Audio/AFCD, Inc. Warranty shipments to Memphis Audio are the responsibility of the purchaser. Pack the product carefully in the original carton if possible. Memphis Audio will NOT be responsible for damages incurred in shipment or due to improper packaging materials used by the purchaser.

If determined to be in warranty, product will be repaired or replaced at the discretion of Memphis Audio.



Image 2: Mounting Templates and Wiring Harnesses.

1. **Woofer Mounting:** Use the provided template (Part Number A: SRXP62CV2) to mark the mounting holes and cut-out diameter (5.61" / 142mm) for the 6.5-inch woofers. Ensure a mounting depth of 2.85 inches is available.
2. **Tweeter Mounting:** Use the provided template (Part Number B: SRXP62CV2) for the tweeters. The mounting hole is 2.04" / 52mm.
3. Securely fasten all components using the supplied screws.

## 4.2. Wiring

The SRXP62CV2 is a component set, requiring connection of woofers and tweeters to the passive crossovers, and then the crossovers to your amplifier.



Image 3: Woofer Terminal Connections.

1. **Crossover Connections:** Connect the amplifier's output to the 'INPUT' terminals on the passive crossover. Connect the woofer to the 'WOOFER' terminals and the tweeter to the 'TWEETER' terminals on the crossover. Observe correct polarity (+ to + and - to -).
2. **Speaker Wiring:** Use appropriate gauge speaker wire for all connections. Ensure all connections are tight and free from corrosion.
3. **LED Wiring:** The speakers feature RGB LED illuminated dust caps. Connect the provided LED wiring harnesses to a suitable 12V power source in your vehicle. An RGB controller (sold separately) may be required for color control. Refer to the LED controller's manual for specific wiring instructions.
4. **Amplifier Connection:** Connect the passive crossovers to your amplifier's speaker outputs. Ensure the amplifier is capable of handling the speaker's power requirements (125W RMS per channel).

## 5. OPERATION

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Once installed, the SRXP62CV2 speakers will reproduce audio signals from your amplifier. Proper amplifier setup is essential for optimal sound quality and speaker longevity.

- **Amplifier Gain Setting:** Set your amplifier's gain control carefully. Start with the gain at its minimum setting and slowly increase it until the desired volume is achieved without distortion. Refer to your amplifier's manual for detailed gain setting procedures.
- **Crossover Settings:** The passive crossovers included with the SRXP62CV2 are designed to properly distribute frequencies to the woofer and tweeter. No external crossover adjustments are typically needed for the speakers themselves.
- **LED Control:** If an RGB controller is installed, use it to select the desired LED color and effects.



Image 4: SRX Pro Woofers with Blue LED Illumination.

## 6. MAINTENANCE

The Memphis Audio SRXP62CV2 speakers require minimal maintenance.

- Keep the speaker cones and surrounds free from dust and debris. Use a soft, dry cloth for cleaning.
- Avoid exposing speakers to excessive moisture or direct sunlight for prolonged periods.
- Periodically check all wiring connections to ensure they remain secure.

## 7. TROUBLESHOOTING

If you experience issues with your SRXP62CV2 speakers, refer to the table below for common problems and solutions.

| Problem                 | Possible Cause                                                                    | Solution                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| No sound from speakers  | Loose wiring connection<br>Amplifier not powered on<br>Incorrect crossover wiring | Check all speaker and amplifier connections<br>Verify amplifier power and fuse<br>Ensure woofer/tweeter are connected to correct crossover terminals |
| Distorted sound         | Amplifier gain set too high<br>Damaged speaker wire<br>Speaker damaged            | Reduce amplifier gain<br>Inspect and replace damaged wiring<br>Contact Memphis Audio support if speaker is damaged                                   |
| LEDs not illuminating   | LED wiring disconnected<br>No 12V power to LED circuit<br>Faulty LED controller   | Check LED wiring connections<br>Verify 12V power source<br>Test or replace LED controller                                                            |
| One speaker not working | Loose connection to that speaker/crossover<br>Faulty speaker/crossover            | Check all connections for the affected speaker<br>Swap components (if possible) to isolate the fault;<br>contact support                             |

## 8. SPECIFICATIONS

| Feature              | Specification                        |
|----------------------|--------------------------------------|
| Model                | SRXP62CV2                            |
| Speaker Size         | 6.5 Inches                           |
| RMS Power (W)        | 125W per speaker                     |
| Peak Power (W)       | 250W per speaker                     |
| Sensitivity (dB)     | 94 dB                                |
| Impedance            | 4 Ohm                                |
| Mounting Depth       | 2.85 Inches                          |
| Magnet Size          | 22 OZ                                |
| Woofer Cone Material | Ultra-light treated paper            |
| Surround Material    | Cloth treated                        |
| Voice Coil           | 1.5" VC                              |
| Special Feature      | RGB LED Illuminated Dust Cap         |
| Included Components  | Grill                                |
| Product Dimensions   | 15.12"D x 11.77"W x 3.66"H (Package) |
| Item Weight          | 11.15 pounds                         |

## 9. WARRANTY & SUPPORT

Memphis Audio products are manufactured with quality in mind. The SRXP62CV2 speakers come with a **Limited Warranty**. Please refer to the warranty information provided with your product or visit the official Memphis Audio website for full details regarding warranty terms, conditions, and claim procedures.

For technical support or service inquiries, please contact Memphis Audio customer service through their official website or authorized dealers. Ensure you have your product model number (SRXP62CV2) and proof of purchase available when seeking support.

### ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

## Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

## Question

Example: How do I reset this device or fix this error?

## Details

Model number, symptoms, what you tried, or the section of the manual you are using.

**Submit question**