



MEMPHIS AUDIO CORE 2 Direct Fit OEM Side By Side Audio System Instruction Manual

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Memphis



AUDIO SINCE 1965



CORE 2 / CORE 2+ / CORE4 / CORE4+



MEMPHIS AUDIO DIRECT FIT OEM POWERSPORTS CORE KITS

IMPORTANT NOTE: When installing your Memphis Audio Plug and Play Powersports kit you will not use ANY of the harnesses or wiring included in the packaging with the individual components unless otherwise specified in these instructions. All wiring and connections are done through the plug-and-play harnesses included in your kit. The wiring included with each component of your kit is only used when installed in applications where our “plug and play” kit harnesses are not being used.



READ ALL INSTRUCTIONS COMPLETELY BEFORE BEGINNING INSTALLATION

If you are uncertain about any aspect of this installation process check out the complete walk-through video in the link below:

Memphis Audio recommends all installations be completed by a certified authorized Memphis Audio dealer.

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Warranty Information

This product has a 2 year warranty from the date of purchase for defects in material or workmanship. This warranty will be extended to 3 years when installed by a Memphis authorized dealer using Memphis Connection products. The warranty is void if the product has been physically damaged by improper usage or abuse. If repairs are attempted outside of a Memphis Audio facility, the warranty is void.

This warranty is limited to the original retail purchaser and does not cover any expenses 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 the 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 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
- Products with tampered, missing, altered or defaced serial numbers/labels
- Freight damage
- The cost of shipping products to Memphis Audio
- Return shipping on non-defective items
- Any product not purchased from an authorized Memphis Audio dealer

Some states do not allow the exclusion or limitation of incidental or consequential damages. The above limitations or exclusions may not apply to you. This warranty gives you specific rights, 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. 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 within warranty your product will be repaired or replaced at the discretion of Memphis Audio.

STEP 1 / DISASSEMBLY

Remove all factory dash and vehicle panels necessary for installation. You will need to remove all panels necessary to access the inside of the dash, battery location and factory wiring channel between dash and battery. Refer to the installation manual included with your vehicle-specific front speaker pods for more information on your specific vehicle.



STEP 2 / SUBWOOFER INSTALLATION

If installing a CORE 2+ or CORE 4+ kit with a vehicle-specific powered subwoofer, install the subwoofer first. If you do not have a subwoofer included in your kit, skip to STEP 4.

Follow the mounting instructions included with your vehicle-specific subwoofer and tighten all fasteners securely.

Run the RCAs and blue wire from subwoofer amp to center of dash location and secure with zip ties.

The large main power harness will run down the factory wiring. Chase directly to the battery and secure to factory harnesses with the included zip ties.

Make battery connections: Red to battery (+) terminal / Black to battery (-) terminal.

If desired, mount wired level control in a pocket or under a dash panel and plug into 3.5mm input on powered subwoofer.



STEP 3 / REAR SPEAKER PODS

If installing a CORE 4 or CORE 4+ system with rear speaker pods, install the rear speakers next. If not, skip to Step 4.

Mount the MXA62PS rear speaker pods to the roll cage in the rear of the vehicle using the clamp hardware included with the speakers. Certain models include a vehicle-specific rear mounting bracket. If a vehicle-specific rear mounting bracket is included with your model, use that bracket instead of the hardware that comes with the MXA62PS speakers.

Use the included MXASSKITRRHR rear speaker harness to connect rear speakers. Use the end of the harness with individual color-coded 2 pin waterproof connectors and 4 pin RGB connectors and connect 1 to each speaker. Green to the left rear speaker and Purple to the right rear speaker. Run the harness forward down the factory wiring channel to the center dash location and secure with included zip ties.



STEP 4 / FRONT SPEAKER POD INSTALLATION

Follow the instructions included with your vehicle-specific front speaker pods and secure them accordingly. Run wiring pigtails from each speaker to the center dash location and secure with zip ties.



STEP 5 / POWER HARNESS TO BATTERY

Run the main radio power harness to the battery and connect.

This is the yellow/black power harness included with the MXASSKITMCPWR harness kit.

Use the ring terminals on the harness connector to the battery: Yellow to the battery (+) terminal / Black to battery (-) terminal.

Run another end of the harness to the center of dash location using the factory wiring channel and secure with zip ties.

NOTE: Pull fuse from a yellow wire at battery until installation is complete.



STEP 6 / MOUNTING KNOCK-OUT IN DASH CONTROLLER INCLUDED WITH SMC2A APP RADIO

Mount the included knock-out controller in one of the factory knock-out locations in the dash and run the remainder of the wire to the center dash location and secure any excess with zip ties. This controller is NOT required for the operation of the SMC2A head unit as all functions can be controlled via the app. However, we recommend installing this unit to give you easy access control to basic system functions.



STEP 7 / MOUNTING SMC2A HIDE AWAY BLACK BOX SOURCE UNIT

Using the included self-tapping screws, secure the black box to factory framework behind center dash location, making sure all harnesses and pigtails are accessible.



STEP 8 / CONNECTING THE SMC2A BLACK BOX SOURCE UNIT

Plug large white 12-pin main radio harness to the corresponding plug on Black box radio. Then connect the color-coded speaker connectors, RGB connectors, 2-pin power connector and antenna connection. (If installing a Core2+ or Core4+ system with a subwoofer, connect RCAs from the subwoofer to the RCA subwoofer outputs of the Black box and connect the blue wire from the powered subwoofer to the blue wire on main radio harness with the included waterproof connector).

Plug the dash remote connectors into the corresponding connectors on the black box.

Run the red wire and secure to an accessory or ignition source. See wiring instructions included in your product manual.



STEP 9 / POWERING UP AND TESTING

Once all connections are made, and double-checked for accuracy and fitment, put the fuse back in the fuse holder at the battery and secure the waterproof cover.

Turn on the ignition. The unit should power up and you should see the in-dash controller light up.

Follow the instructions in the SMC2A source unit manual included with your kit for operation and testing.

STEP 10 / CLEANING & REASSEMBLY

Once you have tested the unit for functionality and everything is operating correctly, secure any loose wires with zip ties and reassemble the vehicle.

PARTS LIST:

CORE 2 KITS INCLUDE THE FOLLOWING PARTS.

CORE2(+) KITS INCLUDE ALL ITEMS BELOW AS WELL AS THE ITEMS IN ORANGE

1 – VEHICLE SPECIFIC FRONT SPEAKER POD

1 – MXASSKITMCPWR – PLUG AND PLAY RADIO HARNESS KIT

1 – VEHICLE SPECIFIC POWERED SUBWOOFER ENCLOSURE (ONLY INCLUDED WITH CORE 2+ KIT)

CORE 4 KITS INCLUDE ALL CORE 2 KITS LISTED ABOVE AS WELL AS THE FOLLOWING.

CORE4(+) KITS INCLUDE ALL THE ITEMS AS WELL AS THE ITEMS IN ORANGE

1 – MXA62PS – REAR POWERSPORTS SPEAKER PODS

1 – MXASSKITRRHR – REAR SPEAKER PLUG AND PLAY SPEAKER HARNESS

1 – GENRRSPBRK – REAR SPEAKER BRACKETS (ONLY INCLUDED WITH POLARIS RANGER/RANGER18 AND CAN-AM DEFENDER)

1 – VEHICLE SPECIFIC POWERED SUBWOOFER ENCLOSURE (ONLY INCLUDED WITH CORE 4+ KIT)

ACCESSORIES & WIRING IDENTIFICATION

MXASSKITMCPWR



CORE 4+



MAIN RADIO / BATTERY HARNESS



MXASSKITRRHR



ACCESSORIES & WIRING IDENTIFICATION

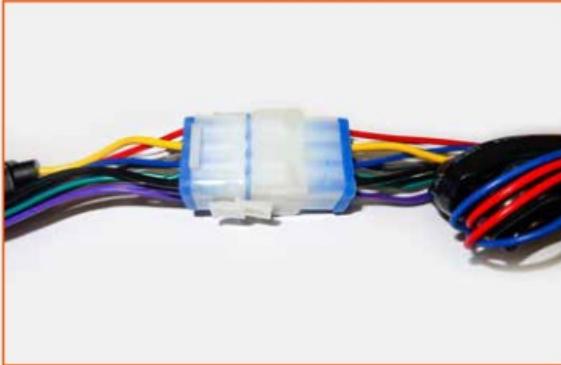
GENRRSPBRK REAR SPEAKER BRACKET (SEE PARTS LIST FOR MODELS)



IN-DASH KNOCKOUT CONTROLLER



MAIN RADIO TO BLACK BOX



ANTENNA TO ANTENNA PIGTAIL



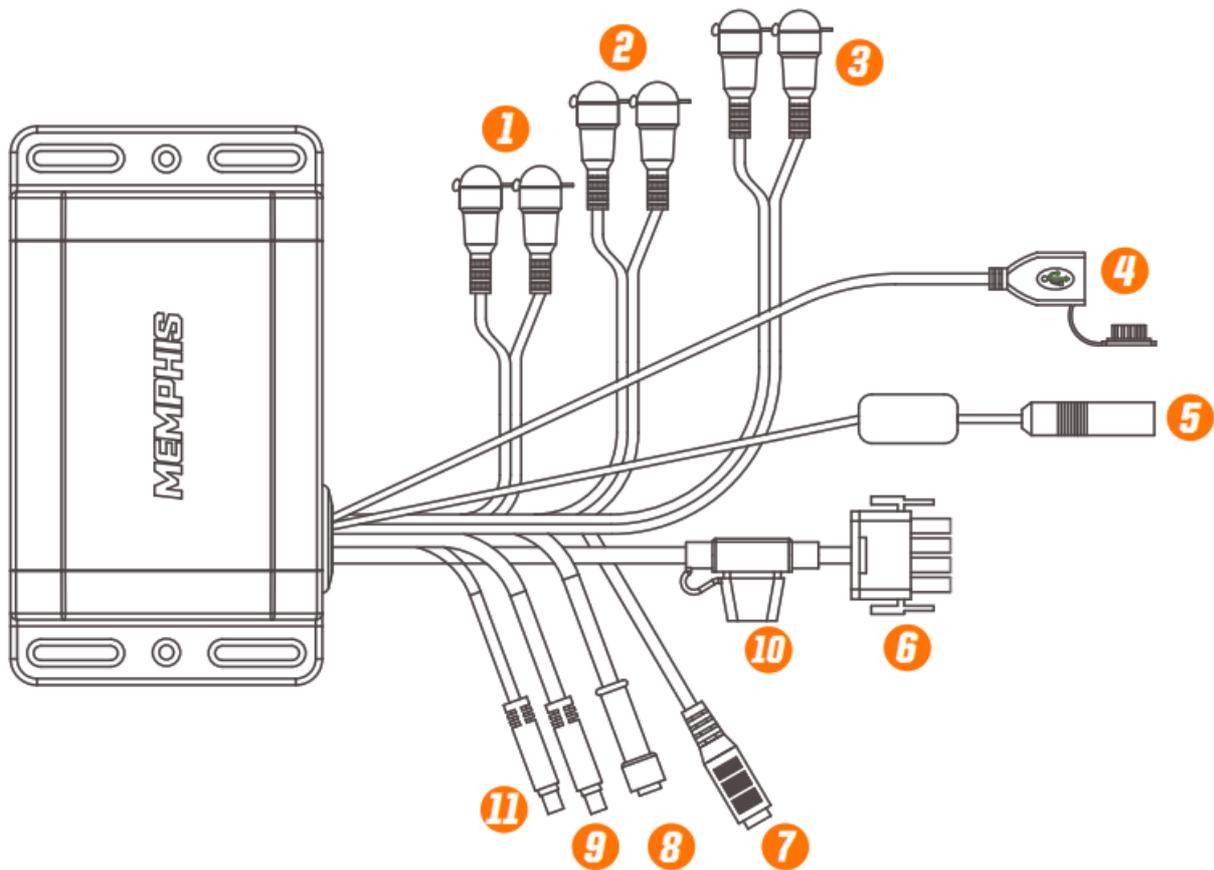
RGB 5-WAY SPLITTER TO SMC2A BLACK BOX



SPEAKER TO MAIN HARNESS/RGB TO SMC2A BLACK BOX



SMC2A WIRING OVERVIEW



CONNECTIONS

1. Front Outputs	7. Line Input
2. Rear Outputs	8. RGB LED Output
3. Subwoofer Outputs	9. Remote Control 1
4. USB For Charging	10. In-Line 15A Fuse and Fuse Holder
5. Antenna Input	11. Remote Control 2
6. Power/Audio Outputs	

POWER/AUDIO OUTPUTS

Red // 12V+ Ignition
 Black // Ground
 Blue // Remote Turn On
 Yellow // B+ Battery
 White & Black // Left Front Speaker (-)
 White // Left Front Speaker (+)
 Grey & Black // Right Front Speaker (-)
 Grey // Right Front Speaker (+)
 Green & Black // Left Rear Speaker (-)
 Green // Left Rear Speaker (+)
 Purple & Black // Right Rear Speaker (-)
 Purple // Right Rear Speaker (+)

DIRECT FIT OEM SIDE-BY-SIDE AUDIO SYSTEM

Documents / Resources



[MEMPHIS AUDIO CORE 2 Direct Fit OEM Side By Side Audio System](#) [pdf] Instruction Manual

CORE 2, Direct Fit OEM Side By Side Audio System, CORE 2 Direct Fit OEM Side By Side Audio System, Fit OEM Side By Side Audio System, OEM Side By Side Audio System, Audio System, System

References

-  MEMPHISCARAUDIO.COM

Manuals+