



MEMPHIS

A U D I O S I N C E 1 9 6 5



ENGINEERED TO RESIST
WATER & ELEMENTS

PRO4 / PRO4+

AMPLIFIED DIRECT FIT OEM SIDE-BY-SIDE AUDIO SYSTEM

WWW.MEMPHISCARAUDIO.COM

PART NUMBER:
PROMANUAL





MEMPHIS AUDIO DIRECT FIT OEM POWERSPORTS PRO 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:*

WWW.MEMPHISCARAUDIO.COM/INSTALLATION-CENTER

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

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 liability will not exceed the purchase price of the product and the warranty period specified.

What is NOT covered under 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 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 product 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.



MEMPHIS AUDIO DIRECT FIT OEM POWERSPORTS PRO KITS

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 installation manual included with your vehicle specific front speaker pods for more information on your specific vehicle.



STEP 2 / SUBWOOFER INSTALLATION

If installing a PRO4+ kit with 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

Mount the MXA62PS rear speaker pods to the roll cage in the rear of 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.

Then run the harness forward down the factory wiring channel to the center dash location and secure with included zip ties.





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STEP 4 / FRONT SPEAKER POD INSTALLATION

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



STEP 5 / AMPLIFIER TUNING AND MOUNTING

Prior to mounting your amplifier set the adjustments located on under the waterproof covers on the input side of the amplifier as follows.:

2CH / 4CH switch should be set in the 4CH location.

Both crossover switches should be set to "HI".

Set both gain adjustment knobs (F/R) to half-way



STEP 6 / AMPLIFIER MOUNTING

Locate a secure location behind dash to mount amplifier (normal mounting locations include to front firewall, front main dash strut, underside/topside of glove box, etc).

Secure with included self-tapping screws/necessary hardware.





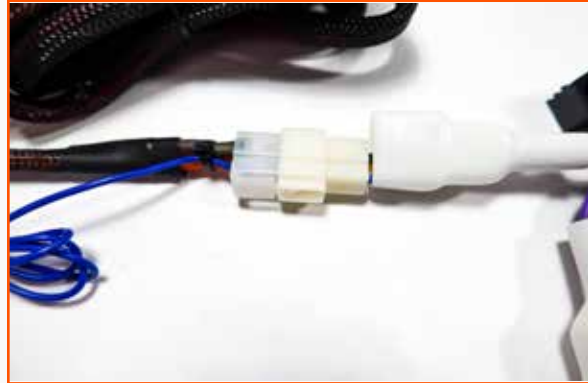
MEMPHIS AUDIO DIRECT FIT OEM POWERSPORTS PRO KITS

STEP 7 / AMPLIFIER POWER HARNESS TO THE BATTERY (READ STEPS 7 AND 8 BEFORE YOU BEGIN, THESE STEPS CAN BE COMBINED TO SAVE TIME)

Run amp power harness to battery. Run the amp power harness included with your MXASSKITPROPWR to the battery using the factory wiring channel and secure with zip ties. This harness is the long heavy gauge wire harness with orange and black wires.

Make connections at battery: Orange to the battery (+) terminal / Black to the battery (-) terminal.

Run other end to amp location and plug into the power input plug on amp.



STEP 8 / MAIN POWER HARNESS TO THE BATTERY

Run main radio power harness to battery and connect. This is the yellow/black power harness included with the MXASSKITMCPWR harness kit.

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

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

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





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STEP 9 / 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 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 10 / 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.





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STEP 11 / CONNECTING THE SMC2A BLACK BOX SOURCE UNIT

Proper Mounting

Plug in main 12-pin main radio harness, all color-coded speaker connectors, RGB connectors, 2-pin power connector, antenna connection, and subwoofer RCA and blue wire from sub to subwoofer input and blue wire from radio (if installing Plus system).

IMPORTANT NOTE: All speaker connections will be made to the output connector of the amplifier, not the same connectors coming from the head unit harness!! Just plug each color-coded 2 pin connector from each speaker into the corresponding color-coded connector on the amplifier output harness.



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 12 / 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 waterproof cover.

Turn on ignition. 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 13 / CLEANING & REASSEMBLY

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





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PARTS LIST:

PRO 4 KITS INCLUDE THE FOLLOWING. PRO4(+) KITS INCLUDE PRO4 PARTS PLUS THE ITEMS IN ORANGE

- 1 - SMC2A - APP CONTROLLED HIDE-AWAY HEAD UNIT
- 1 - VEHICLE SPECIFIC FRONT SPEAKER POD
- 1 - MXA62PS - REAR POWERSPORTS SPEAKER PODS
- 1 - MXA300.4 - 300-WATT 4-CHANNEL AMPLIFIER
- 1 - MXASSKITMCPWR - PLUG AND PLAY RADIO HARNESS KIT
- 1 - MXASSKITRRHR - REAR SPEAKER PLUG AND PLAY SPEAKER HARNESS
- 1 - MXASSKITPROPWR - AMPLIFIER PLUG AND PLAY HARNESS KIT
- 1 - GENRRSPBRK - REAR SPEAKER BRACKETS (ONLY INCLUDED WITH POLARIS RANGER/RANGER18 AND CAN-AM DEFENDER)
- 1 - VEHICLE SPECIFIC POWERED SUBWOOFER ENCLOSURE (ONLY INCLUDED WITH PRO 4+ KIT)

ACCESSORIES & WIRING IDENTIFICATION

MXASSKITMCPWR



MXASSKITPROPWR



MXASSKITRRHR



MAIN RADIO / BATTERY HARNESS





MEMPHIS AUDIO DIRECT FIT OEM POWERSPORTS PRO KITS

ACCESSORIES & WIRING IDENTIFICATION

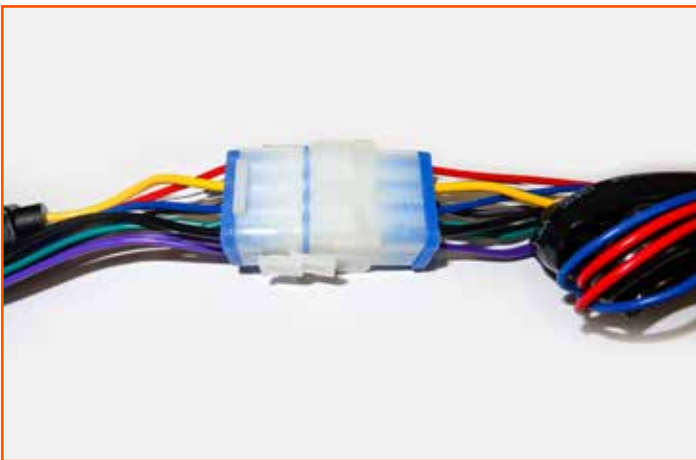
GENRRSPBRK REAR SPEAKER BRACKET (SEE PARTS LIST FOR MODELS)



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





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ACCESSORIES & WIRING IDENTIFICATION

MAIN RADIO / BATTERY HARNESS



PRO4 +



AMPLIFIER POWER HARNESS



AMPLIFIER INPUT POWER HARNESS



AMPLIFIER OUTPUT HARNESS



MXA300.4 AMPLIFIER





MEMPHIS AUDIO DIRECT FIT OEM POWERSPORTS PRO KITS

CONNECTIONS

KNOCKOUT CONTROLLER TO RADIO



MAIN RADIO TO BATTERY HARNESS



AMPLIFIER TO BLACK BOX (RCA)



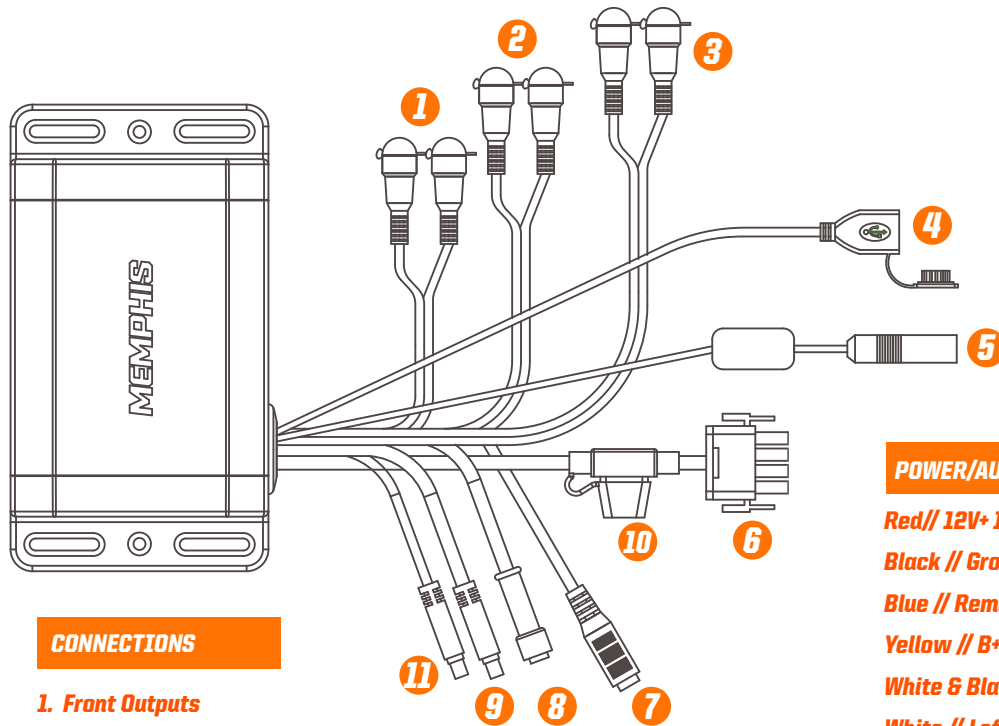
AMPLIFIER INPUT POWER CONNECTION





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SMC2A WIRING OVERVIEW



CONNECTIONS

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

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 (+)

