



8" SUPER SLIM ACTIVE SUBWOOFER

CP-AS1080

SPECIFICATIONS

	CP-AS1080
Peak Power (Watts)	600
Rated Power (Watts)	100
Frequency Response	20Hz - 120Hz
Dimensions (mm)	330(l) x 245(w) x 78(h) 13 x 9-5/8 x 3"

INSTALLATION GUIDELINES

1. Ensure the +12V lead is disconnected from the battery before you connect any new equipment.
2. Ensure the mounting location will not interfere with the gas tank, brake lines or electrical wiring.
3. Ensure the Super Slim Active Subwoofer is securely fastened to the vehicle to prevent damage in the event of an accident.
4. Ensure all wiring is protected to avoid pinching or crushing which could result in damage to the audio system.
5. Ensure the mounting location has sufficient air flow around the amplifier.
6. Ensure you use the recommended gauge wire/cable for all amplifier connections.

WIRING

Ensure the audio system is turned **off** before making any connections to the amplifier, speakers or source unit.

Failure to do so could result in permanent damage to the audio system. When wiring the FUSION Super Slim Active Subwoofer ensure that the cable is protected from sharp objects and always use rubber grommets when wiring through metal panels.

Ensure all terminals and connections are protected from the vehicle chassis, and from each other, as failure to do so could result in permanent damage to the audio system.

FUSION Electronics recommends 8 gauge wire (power & ground).

GROUND

When grounding/earthing your Super Slim Active Subwoofer ensure that the location is a good source of ground (preferably the floor pan). Make sure the metal is clean of paint etc as a poor earth could damage your audio system.

Note: This is the first connection to be made!!

REMOTE TURN ON

This connection turns the amplifier on and should be connected to the remote turn on wire from the Head Unit. If one is not available a switched 12V source must be used. Either a power antenna wire or ACC +12V.

POWER

Connect the power lead directly to the +12V battery terminal with an inline fuse or circuit breaker as close to the battery as possible.

LOW LEVEL INPUTS

Choose the correct length RCA interconnects and run them to the RCA outputs of the source/head unit, avoiding running beside other looms and or power cable.

Note: For correct performance both input RCA connectors must be used.

HIGH LEVEL INPUTS (SPEAKER LEVEL)

If your head unit does not have RCA outputs, you can use the speaker outputs for the audio source for the CP-AS1080. Use the supplied cable and wire harness and connect the speaker outputs from the source to the high level Input. Be sure to observe polarity to avoid audio phase problems.

Note: When using the high level connection, the Level **MUST** be set to minimum or the Subwoofer will be permanently damaged and could void your warranty.

LOW LEVEL OUTPUTS

Use the RCA output connectors to make one CP-AS1080 linkable to multiple CP-AS1080 Super Slim Active Subwoofers. This output is a pass-thru connection derived from the RCA input connector so the signal level and frequency response is the same as the original input signal.



LEVEL /GAIN CONTROL

This control is used to match the input level of the amplifier to the output level of your head unit. We recommend the following method.

1. Turn the amplifier level to zero
2. Turn the volume of the head unit to ¾ & the bass & treble to zero
3. Adjust the level control until the desired maximum volume is achieved without distortion
4. Failure to follow these steps may cause permanent damage to the audio system

LOW PASS FILTER

Ensure the crossover frequency is set at 120Hz or below. This feature is designed to filter out all mid to high frequencies that only full range speakers should produce

BASS BOOST

Set the bass boost level to increase the bass at 45Hz. Selectable from 0dB - 12dB gains

REMOTE CONTROL LEVEL INPUT

Attach the remote level control (via the included cable) to control the volume level of the subwoofer independently at the front of the vehicle.

PHASE SHIFT (0-180 DEG)

Use this switch to help compensate for time alignment problems in the system. Such problems usually result from having the subwoofer at a different distance from the listener than the other speakers in the system.

TROUBLE SHOOTING

Problem

Not switching on..

Power LED not 'on'.

Possible Reason

- No +12V to power wire
- No power to remote wire
- Fuse broken

Solution

- Check fuses and connections to battery
- Check remote on connections to head unit
- Replace fuse with correct type and amperage

Not working, but status LED is 'on'

- Fuse blown
- Amplifier too hot

- Replace fuse with correct type and amperage
- Move amplifier to vented area
- Turn head unit down

No Sound

- RCA Signal
- Gain control not set up
- Head Unit
- Connections

- Check RCA connection to head unit
- Ensure you have set up the amplifier gain level control
- Check head unit volume level
- Check all power, remote on and ground connections

RECORD YOUR PURCHASE DETAILS HERE:

SERIAL NUMBER

DATE OF PURCHASE

AFFIX RECEIPT HERE

For further product and installation information, please visit www.fusionentertainment.com
Pour plus d'informations sur les produits et l'installation, rendez-vous sur www.fusionentertainment.com
Para obtener más información acerca de los productos y de su instalación, visite el sitio web www.fusionentertainment.com
Bezoek www.fusionentertainment.com voor meer product- en installatie-informatie.
Weitere Produkt- und Installationsinformationen finden Sie unter www.fusionentertainment.com
Per ulteriori informazioni sui prodotti e la loro installazione, potete visitare www.fusionentertainment.com
Для получения дополнительной информации о продуктах и установке зайдите, пожалуйста, на: www.fusionentertainment.com

WARNING: Audio Systems can produce sound levels over 135dB. Continuous exposure to sound pressure levels over 100dB may cause permanent hearing loss! Please watch for emergency vehicles as warning signals may not be heard. USE COMMON SENSE!



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