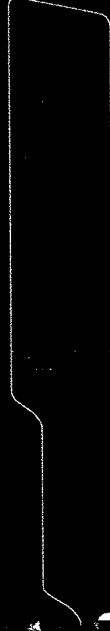
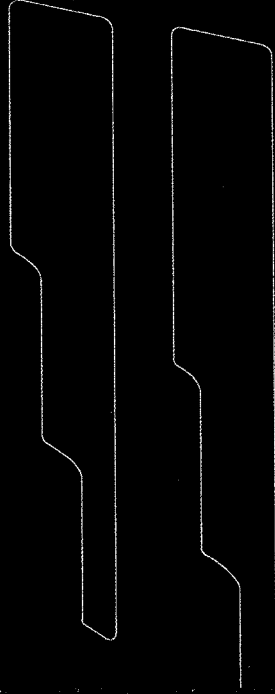
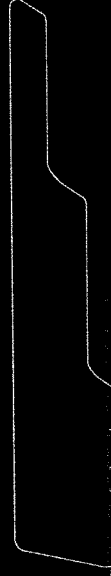
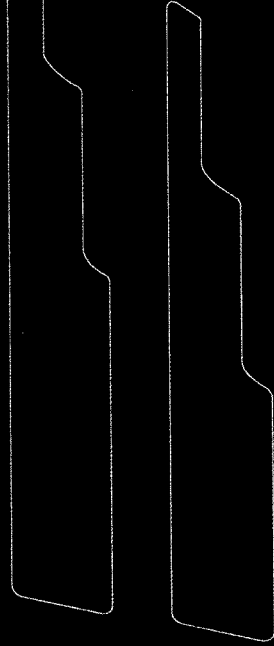


OWNER'S MANUAL



PRECISION POWER

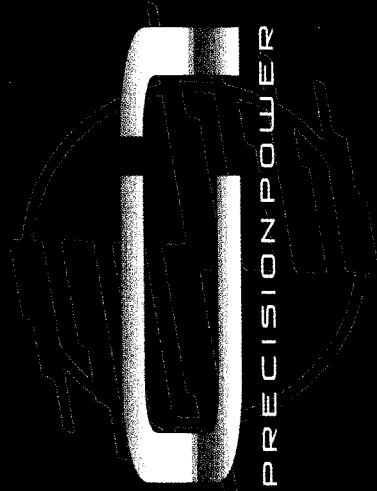
PRECISION POWER



12"

10"

SUBWOOFERS

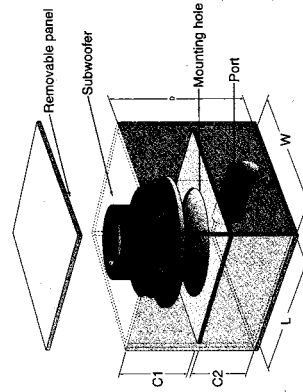


PRECISION POWER

Band-Pass Enclosure



- Using 3/4" thick MDF, cut out all the panels to build a divided enclosure with internal dimensions of L x W x D as specified for your woofer (See recommended enclosures for your woofer).
- Using the supplied template, trace the appropriate circle and mounting hole pattern for your **PowerClass C1** subwoofer on the baffle board.
- Cut the speaker and port holes from the baffle board with a router, using a guide or template whenever possible. Use a jig saw only if a router is not available.
- Locate the port material which you are going to use, and cut it to the appropriate length. When installing the port, make sure you have a distance of at least one port diameter from the end of the port to the inside wall of the enclosure. Round over the inside edges of both ends of the port with a router or file to minimize port noise.
- Assemble the enclosure, using wood glue and silicone at all joints to ensure your that enclosure is sealed properly. Air leaks will affect the performance of your subwoofer even in ported enclosures. Leave one panel removable for access to the woofer.
- Place the woofer into the hole which you have cut in the baffle to check the fit.
- Run an appropriate length of wire into the enclosure, leaving enough to comfortably install the wires to the terminals on the woofer before placing the speaker into its mounting hole. Use a terminal cup whenever possible.
- Vacuum out any wood shavings and dust from the inside of the enclosure (Failure to do so may void your warranty). Line the enclosure with a polyester fiberfill blanket or fiberglass insulation about 1" thick.
- Connect the wires to the woofer observing the proper polarity, positive and negative terminals. Strip away the insulation of the wire about a 1/4" and install the wires into the terminal posts.
- Install the woofer into the enclosure using #8 or larger wood screws.
- Attach the removable cover to the enclosure, ensuring that there are no air leaks.
- Once the box is complete, it's time to connect the speaker wire coming from the subwoofer enclosure to your amplifier. Check that you use the proper wire for consistent polarity, positive and negative. (Refer to amp owner's manual.)
- Finally, sit back and enjoy the incredible enhancement your new **PowerClass C1** subwoofer brings to your audio system.



Specifications

10" 12"

Power RMS	150 W	150 W
Peak Power	300 W	300 W
Qts	.40	.52
FS	33.4 Hz	29.5 Hz
VAS	50.44 L	124.79 L
Xmax	7.83 mm	7.83 mm
Sensitivity	87.9 dB	89.4 dB
Mounting Depth	4.875"	5.375"
Mounting Hole Diameter	9.25"	10.70"
Displacement	.065 cu. ft.	.075 cu. ft.
Net weight	8.2 lbs	8.5 lbs

Important Box Info:

Internal dimensions should be calculated to determine the correct box volume. Be sure to allow for speaker displacement, extra bracing, and port displacement if used.

It may be necessary to angle the port to fit your design.

To calculate the volume of the port:

Radius Squared x 3.14 x port length.

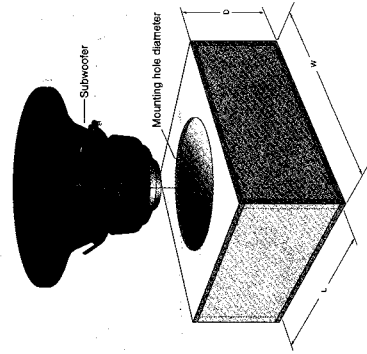
Recommended Enclosures (per driver)

Model	PC C1 10	PC C1 12
Box Volume Sealed	.75 cu. ft.	1.25 cu. ft.
Sealed Dimensions	12.5"w x 13.5"h x 8.375"d	21.25"w x 13.5" x 8"d
Box Volume Ported	.75 cu. ft.	1.25 cu. ft.
Ported Dimensions	13"w x 13.5"h x 8.5"d Port: 3" dia x 8.5" long	21.5"w x 13.5" x 8.315"d Port: 3" dia x 5" long



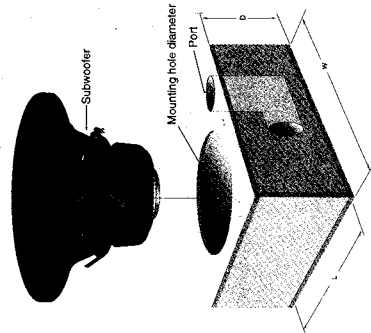
Sealed Enclosure

1. Build a sealed enclosure with internal L x W x D as specified for your woofer (See recommended enclosures for your woofer). Use 3/4" thick MDF for the enclosure. Be sure to use wood glue and silicone to ensure your enclosure is sealed properly, as air leaks will affect the performance of your subwoofer.
2. Using the supplied template, trace the appropriate circle and mounting hole pattern for your **PowerClass C1** subwoofer on the baffle board.
3. Cut the speaker hole from the baffle board with a router using a guide or template. Use a jig saw only if a router is not available.
4. Place the woofer in the opening which you have cut in the baffle to check the fit.
5. Run an appropriate length of wire into the enclosure, leaving enough length to comfortably install the wires to the terminals on the woofer before placing the speaker into its mounting hole. Use a terminal cup whenever possible.
6. Vacuum out any wood shavings and dust from the inside of the enclosure (Failure to do so may void your warranty). Line the enclosure with a polyester fiberfill blanket or fiberglass insulation about 1" thick.
7. Connect the wires to the woofer observing the proper polarity. Strip away the insulation of the wire about 1/4" and install the wires into the terminal posts.
8. Install the woofer into the enclosure using #8 or larger wood screws (not supplied).
9. Once the enclosure is complete, it is time to connect the speaker wire coming from the subwoofer enclosure to your amplifier. Check that you use the proper wire for consistent polarity (Refer to your amplifier owner's manual).
10. Finally, sit back and enjoy the incredible enhancement your new **PowerClass C1** subwoofer brings to your audio system.



Ported Enclosures

1. Build a ported enclosure with internal dimensions of L x W x D as specified for your woofer (See recommended enclosures for your woofer). Use 3/4" thick MDF for the enclosure. Be sure to use wood glue and silicone at all joints to ensure your enclosure is sealed properly. Air leaks will affect the performance of your subwoofer, even in a ported enclosure.
2. Using the supplied template, trace the appropriate circle and mounting hole pattern for your **PowerClass C1** subwoofer on the baffle board. Be sure to offset the woofer to one side to leave room for the port in the baffle.
3. Cut the speaker and port holes from the baffle board with a router using a guide or template. Use a jig saw only if a router is not available.
4. Locate the port material that you are going to use, and cut to length. When installing the port, make sure you have a clearance of at least one port diameter from the end of the port to the inside wall of the box. Round over the inside edges of both ends of the port with a router or file to minimize port noise.
5. Place the woofer into the hole which you have cut in the baffle to check the fit.
6. Run an appropriate length of wire into the box, leaving enough to comfortably install the wires to the woofer terminals before placing the speaker into its mounting hole. Use a terminal cup whenever possible.
7. Vacuum out any wood shavings and dust from the inside of the enclosure (Failure to do so may void your warranty). Line the enclosure with a polyester fiberfill blanket or fiberglass insulation about 1" thick.
8. Connect the wires to the woofer observing the proper polarity. Strip away the insulation of the wire about a 1/4" and install the wires into the terminal posts.
9. Once the box is complete, it's time to connect the speaker wire coming from the subwoofer enclosure to your amplifier. Check that you use the proper wire for consistent polarity (Refer to your amplifier owner's manual).
10. Finally, sit back and enjoy the incredible enhancement your new **PowerClass C1** sub woofer brings to your audiosystem.



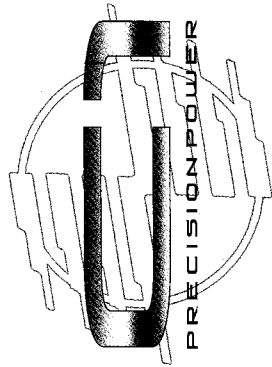
Congratulations...

...and thank you for choosing **PrecisionPower** audio equipment. At **PrecisionPower** we are proud to introduce this exciting line of outstanding sounding products. Our award winning engineering team utilizes innovative technology to continuously deliver *Absolutely State of the Art* performance, sound quality, reliability, and value. This **PrecisionPower** product reflects our commitment to offer you unparalleled versatility and quality for over 18 years of dependable service and listening enjoyment. Included in this manual are a number of different enclosure suggestions. By no means are these the only enclosures to use, but they are a great starting point. To determine the correct enclosure for your needs many factors must be addressed (amount of power, vehicle, placement, crossovers, etc.) Therefore, as always, **PrecisionPower** recommends that your subwoofer be installed by an **Authorized PrecisionPower Dealer**.

CAUTION! The extended use of a high powered audio system may result in hearing loss or damage. While **PPI** systems are capable of "Concert Level" volumes, they are also designed for you to enjoy all of the creative expressions made by musicians at more reasonable levels. Please stay seated while driving and observe all local sound ordinances.

Service

Do not attempt to service **PrecisionPower** products yourself. Performing exploratory surgery on your audio equipment yourself will void the warranty. For the same reason, **PrecisionPower** does not use any outside service centers. Many parts of your **PrecisionPower** gear are custom built to our specifications. Our factory parts are not made available to anyone else, nor are they for sale. Our goal is to make sure that your **PrecisionPower** product will always sound as good as the day it was purchased. Contact your **Authorized PrecisionPower Dealer** about obtaining product service through **PrecisionPower** (See warranty at end of manual).



Three-Year Limited U.S.A. Warranty

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. **PrecisionPower** warrants its products to be free from defects in materials and workmanship under normal use and service for a period of three (3) years from the date of original purchase when an Authorized Dealer installs the product. Non-Authorized Dealer installed products carry a 1-year parts and 90-day labor limited warranty.

1. Authorized Dealer Installed Product: **PrecisionPower** will either repair or replace at no charge, to the original purchaser, any unit, which **PrecisionPower** examination discloses to be defective and under warranty, provided the defect occurs within 3 years from the date of original purchase, when the unit is installed, by an Authorized Dealer and the product is returned immediately to **PrecisionPower**. This warranty is not transferable.
2. Non-Authorized Dealer Installed Products: **PrecisionPower** will either repair or replace at no charge, to the original purchaser, any unit, which **PrecisionPower** examination discloses to be defective and under warranty, provided the defect occurs within 90 days from the date of purchase and the product, is returned immediately to **PrecisionPower**. Warranty claims beyond 90-days for Non-Authorized Dealer Installed Products will be for parts only and will extend for 1-year from the date of purchase. This warranty is not transferable.
3. The date of purchase and proof of Authorized Dealer Installation of a **PrecisionPower** product must be established by an original sales receipt, which must accompany the article being returned for warranty work.
4. This warranty shall NOT apply to any **PrecisionPower** product found to have the original factory serial number removed or defaced. All products received (by **PrecisionPower**) for in warranty or out of warranty repair, with their original serial numbers removed or defaced, will NOT be repaired and will be returned to sender, freight collect. Refer to original packaging for the serial number of your **PrecisionPower** speakers.
5. The provisions of this warranty shall not apply to any **PrecisionPower** product used for a purpose for which it is not designed, which has been repaired or altered in any way, or which has been connected, installed, or adjusted other than in accordance with the instructions furnished in any **PrecisionPower** owner's manual. Nor shall this warranty apply to any part that has been subject to misuse, neglect, or accident.
6. **PrecisionPower** does not authorize any other persons to assume any other liability in connection with its products. THIS WARRANTY IS THE ONLY EXPRESS WARRANTY MADE BY **PrecisionPower** APPLICABLE TO ITS PRODUCTS. ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE APPLICABLE TO **PrecisionPower** PRODUCTS IS LIMITED IN DURATION TO THE DURATION OF THIS LIMITED WARRANTY. **PrecisionPower** SHALL NOT BE LIABLE FOR THE INCIDENTAL, CONSEQUENTIAL, OR COMMERCIAL DAMAGES RESULTING FROM THE BREACH OF THIS WRITTEN WARRANTY. (Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts; so the above limitations or exclusions may not apply to you).
7. Your product will be serviced on an in warranty basis within the warranty period for the correction of warranted defects. If improper operation of your **PrecisionPower** product should occur, immediately contact your Authorized Dealer for assistance with the return and factory repair of your **PrecisionPower** product. If an Authorized Dealer is not available, call **PrecisionPower** for a Return Authorization Number (RA#), return the unit including your name, telephone number, return address, a copy of your sales receipt, and a description of the problem to:

PrecisionPower
Absolutely State of the Art Mobile Audio.

PrecisionPower
Service Department
9235 South McKerny Street
Tempe, AZ 85284