

“Mobile Audio Fiberglass Specialists”



MONOglass Enclosures

OWNER'S MANUAL & INSTALLATION GUIDE

Congratulations on your purchase of an AudioFormz MONOglass enclosure. Your AudioFormz enclosure has been engineered to last for many years and comes with a 2-year limited warranty. AudioFormz enclosures are manufactured from solid fiberglass. Therefore, to properly install your AudioFormz enclosure and speakers, please completely read the owner's manual and installation instructions prior to installation.

Caution: When installing an AudioFormz enclosure in your vehicle, it is extremely important to firmly secure it to the vehicle. Use supplied mounting hardware to fasten the enclosure to the vehicle. If the enclosure is not firmly attached, it can become a dangerous projectile in a collision.

PRODUCT SPECIFICATIONS

MONOglass10	MONOglass10L	MONOglass12
13"Wx12.125"Hx13.25"D	15"Wx14"Hx14"D	15"Wx14"Hx14"D
.65ft ³	.95ft ³	.95ft ³
1- 10" Sealed	1- 10" Sealed	1- 12" Sealed
9.125" Cutout	9.125" Cutout	11.125" Cutout

Parts supplied by AudioFormz:

Eight #8 self-tapping screws w/ drill bit
Eight #8-32 black machine screws w/ drill bit
Eight #8-32 propell nuts
Two self-drilling enclosure-mounting screws
Speaker sealing tape
Speaker terminal w/ premium speaker cable
Four clear rubber feet
Two female slide terminals

Tools Recommended for Installation:

An electric or cordless drill
Phillips screwdriver bit (#2)
Phillips hand screwdriver (#2)

Enlarging the Speaker Mounting Hole

Enlarging the speaker-mounting hole of an AudioFormz enclosure is done in much the same way as any ordinary wood enclosure. We highly recommend using a drill with a 1-2" diameter-sanding drum with a medium grit sanding sleeve. This method will quickly enlarge the mounting hole so be careful not to enlarge the hole too much. Firmly hold the drill and sanding drum perpendicular to the mounting hole. With the drill at a medium speed, quickly move the drill and sanding drum clockwise around the mounting hole until the mounting hole is enlarged to your speaker's specification.

TIP: Always keep the drill moving during this process and go at a fairly fast pace. Moving at a slow pace or stopping while the drill is sanding can create indentations in the mounting hole and possibly damage the opening.

Maintaining the Gelcoat Finish

To further enhance and protect the gelcoat finish, we recommend periodically waxing or polishing AudioFormz fiberglass products with a high-quality automotive wax or polish. To remove fine scratches in the gelcoat, a high-quality mild polishing compound should be used. If scratches still remain, a heavy-duty compound should be used, followed by a polishing compound. Applying wax or polishing compounds with an electric buffer or polisher will further help to remove scratches.

Two different methods can be used to mount a speaker in a MONOglass enclosure. The first technique uses self-tapping screws to mount the speaker. This method is quick and easy. However, if the speaker is removed repeatedly from the enclosure, the mounting holes may become stripped, and it will be difficult to create an airtight seal with the speaker. The second mounting technique uses machine screws with propell nuts. This method takes more time to install a speaker but has more advantages than using self-tapping screws. This method can handle more torque and therefore create a tighter seal. Also, the speaker can quickly and easily be removed and installed without damaging the mounting holes. However, some subwoofers may require that some of the propell nuts be modified in order for the subwoofer to fit in the cutout. Both methods work well. However, we recommend using the propell nuts with machine screws whenever possible.

Unpacking Enclosure

1. Remove enclosure from carton.
2. Remove bubble wrap from enclosure.
3. Remove clear protective film from enclosure.
4. Remove all hardware and accessories from inside the enclosure.
5. Keep carton and packaging materials nearby.
They will be used during installation.

NOTE: Inspect enclosure for damage prior to installation. Once the enclosure is modified, it cannot be returned.

Securing Enclosure Prior To Installation

1. Put a piece of bubble wrap in the bottom of the carton in which the enclosure was shipped.
2. Wrap the body of the enclosure with the clear protective film or a towel to help avoid scratching the gelcoat during installation.
3. Place the enclosure face up inside the carton. Take another piece of bubble wrap or a towel and place it between the carton and the top and sides of the enclosure in order to secure the enclosure and keep it from moving during installation.

TIP: You may find it helpful to have someone hold the enclosure during installation.

Locating Speaker Mounting Holes

1. Carefully place speaker in enclosure. If the speaker is too large, the speaker mounting hole may need to be enlarged. Read the section on enlarging the speaker mounting hole. If the speaker is too small, apply the sealing tape around the frame of the speaker. This will center the speaker in the cutout and create a tighter fit when installing the speaker in the enclosure.
2. Align speaker in the center of the cutout.
3. Once speaker is aligned correctly, use a fine marker and mark the center of each mounting hole. Pay close attention to keep the speaker still until the last hole is marked.
4. Remove speaker after all holes are properly marked.

Drilling Mounting Holes

1. Depending on which mounting method is chosen, a different size drill bit will be required. Use the supplied drill bit that came with the mounting method chosen. Do not use another drill bit with either mounting method.
2. After choosing the mounting method, attach the appropriate size drill bit to a drill. With the drill and drill bit perpendicular to the enclosure, slowly drill the mounting holes at each marked location. Pay close attention to keep the drill bit at the center of each mounting hole when drilling.
3. Clean out debris from inside the enclosure.

TIP: If you feel comfortable, you may find it easier to use the speaker as a template to drill the mounting holes. Keep in mind that you create a chance to damage the speaker with the drill so be very careful.

Mounting Enclosure in a Vehicle

(We highly recommend mounting your AudioFormz enclosure with the supplied mounting screws. However, if an alternative mounting method is desired that does not require the enclosure to be mounted from the inside, such as Velcro, then you can skip this section and move on to the next.)

Mounting Enclosure in a Vehicle (cont.)

1. Attach the supplied rubber feet to bottom of enclosure.
2. Connect speaker cable from amplifier to enclosure.
3. Place enclosure in desired mounting location.
4. Using a drill and a 3/8" socket wrench, screw the self-drilling, mounting screws through the bottom of the enclosure and into the vehicle.
5. Clean out debris from inside the enclosure.

NOTE: Pay close attention to avoid any vital parts of the vehicle, such as gas lines, when drilling into the vehicle.

Applying Sealing Tape

1. Firmly apply the sealing tape to the inside of the speaker frame or around the speaker cutout of the enclosure. When the speaker is placed in the speaker cutout, the tape will help form an airtight seam and also act as a sound barrier between the speaker's steel frame and the enclosure.

Connecting Speaker to Enclosure

1. Position speaker near enclosure and attach the supplied speaker cable to the speaker. The positive (+) cable attaches to the red terminal (+) and the negative (-) cable attaches to the black terminal (-) of the speaker.

Mounting Speaker into Enclosure

1. If using propell nuts to mount speaker in enclosure, firmly insert the propell nuts into the back of each pre-drilled mounting hole. It is very important that the propell nuts are inserted firmly into the mounting holes because if just one propell nut falls out of the mounting hole during installation of the speaker, the speaker will need to be removed to reinsert the propell nut.
2. Place the speaker into the enclosure and align speaker with mounting holes.
3. If using propell nuts to mount the speaker in the enclosure, use the supplied machine screws with a drill and #2 Phillips screwdriver bit or #2 Phillips screwdriver, and slowly insert the machine screws into the pre-drilled mounting holes and propell nuts and tighten. Do not tighten completely until all mounting screws are inserted into the enclosure. Hand tighten all mounting screws.
4. If using self-tapping screws, slowly insert the screws using a drill and a #2 Phillips screwdriver bit or a #2 Phillips screwdriver. Do not tighten completely until all mounting screws are inserted into the enclosure. Hand tighten all mounting screws.

NOTE: Do not completely tighten the screws with a drill as it is very easy to over tighten the screws and split the gelcoat finish. Hand tighten all mounting screws with a #2 screwdriver.

Final Assembly

1. Apply the supplied clear rubber feet to the bottom of enclosure. This will create room for the speaker cable to be connected to the speaker terminal. Also, it will help keep the enclosure from moving and isolate the enclosure from the surface it is on.
2. Connect the enclosure to an amplifier and check for air leaks.
3. If desired, apply the AudioFormz decal to the back of the enclosure. Apply the center of the decal first and then spread it out to the edges.
4. Mount enclosure with Velcro or an alternative mounting method.
5. That's it! Listen and enjoy. And don't forget to....**SHOW IT OFF!**

2-Year Limited Warranty

AudioFormz, Inc. warrants the original purchaser that all new AudioFormz fiberglass products be free from defects in material and workmanship, under normal and proper use, for a period of **two (2) years (Structural Integrity)** and **one (1) year (finish)** from the date of purchase (as shown on the original bill of sale). We reserve the right to replace, repair, or exchange any defective product or issue a refund for the purchase price. This warranty does not extend to any defect or failure caused by misuse, abuse, accident, improper installation, improper installation of associated equipment, defective associated equipment, or the use of the product with equipment for which it was not intended. To obtain warranty service, contact AudioFormz, Inc. at 903-675-5902 and request an RA (return authorization) number. Items shipped without a valid RA # will be refused. Product must be properly packaged to avoid transport damage. AudioFormz, Inc. reserves the right to refuse product improperly packaged.