

OutdoorAudio

DeckTunes® Two Installation Instructions and Owners Manual



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THANK YOU FOR YOUR BUSINESS. IF YOU ARE NOT COMPLETELY SATISFIED WITH YOUR PURCHASE FOR ANY REASON, PLEASE CONTACT US IMMEDIATELY.

Our entire purpose as a company is to create great products at affordable prices that our customers love.

IMPORTANT

Please read these instructions and become familiar with all parts prior to installing or operating your new DeckTunes unit to ensure a proper, trouble-free installation.



VERY IMPORTANT!

When closing the cover of the enclosure, it is CRITICAL that you make sure all wiring is pulled downwards and totally clear from gasket along top edge!

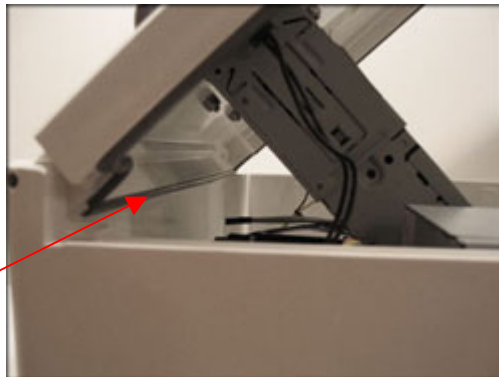
Failure to do so may allow wires to make contact with the gasket which will compromise the watertight seal and allow water to enter the unit!

Failure to heed this warning will VOID THE WARRANTY and SATISFACTION GUARANTEE!

We WILL NOT replace damaged components or provide any type of refund if it is determined that you failed to heed this warning!

Example of no wiring near top gasket:

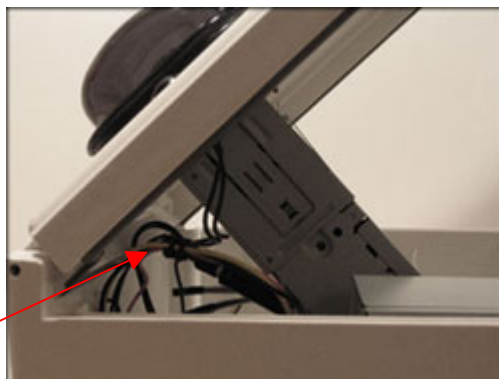
Gasket along top edge is free and clear to provide watertight seal.



Nothing should be near the sealing gasket around its entire perimeter however, this top edge is especially important due to the manner in which it seals and the fact that rain will impact this edge more so than any other.

Unacceptable Example:

Gasket seal would be prevented by wires allowing unit to leak and ruin internal components.



The fact that any water or other liquid entering the enclosure would fall directly into the head unit and power supply, most likely ruining them, makes this a crucial matter to be aware of and prevent.

IMPORTANT NOTES ON INSTALLING AND USING YOUR NEW DECKTUNES UNIT

Safety

- Read the entire manual before operation.
- WARNING - To reduce the risk of electrical shock:
 - **Never open or wash the unit unless it is unplugged from power outlet!**
 - Never insert any objects into or attempt to remove cover of internal power supply.
 - Do not plug unit into any outlet that is not GFCI protected.
 - Make sure main enclosure is sealed at all times other than during installation.
 - If unit is to be hardwired, a licensed professional electrician is recommended.
 - Do not immerse in water. This product is weatherproof and is therefore water resistant and splash proof but was not designed to be immersed in or come into continuous contact with water other than during a rain or routine cleaning.
- WARNING - To reduce the risk of fire, never store any items inside enclosure and do not cover or otherwise obstruct the louvered vents on bottom of unit.
- Should you notice an abnormality with the unit, unplug it immediately and contact us for further assistance.

Placement

- Do not mount near heat sources.
- Attempt to mount in a location that will minimize exposure to direct sunlight if possible.
- If used near a pool or lake, mount in a location that will minimize exposure to water.
- Make certain any holes drilled for custom wire routing or mounting purposes are completely sealed with a waterproof product rated for outdoor use and exposure to direct sunlight.

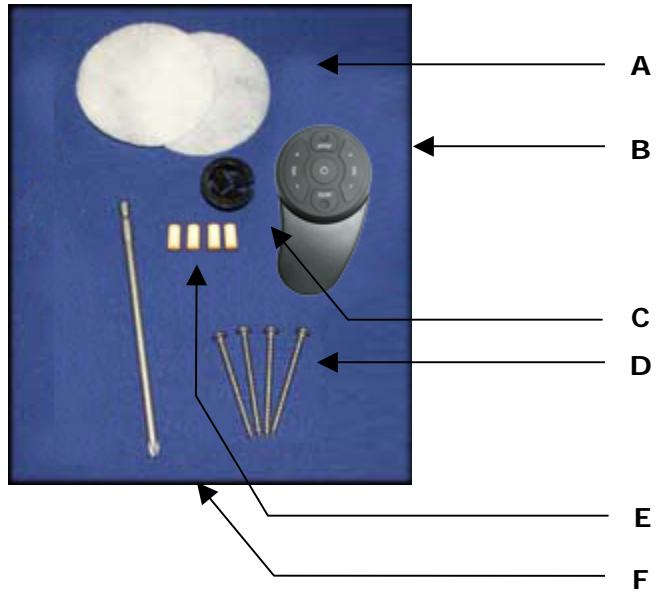
Operation

- Whenever possible, keep the multimedia storage drawer closed. Doing so will protect any connected players in the event of an unexpected splash or rain shower.
- Do not allow water to enter the media drawer or 12 Volt receptacle as this may cause damage to the components.

Cleaning

- Your DeckTunes unit can be wiped down, hosed off and even pressure washed if necessary however, you will need to observe a few precautions. If the case is only mildly soiled, 409 or a fiberglass cleaner of your choice and a rag should be all you need to restore it to a factory fresh finish. If more aggressive cleaning is necessary, before washing, make certain unit is unplugged from the power outlet and ensure the screws on the face of the enclosure are snugly fastened. While washing, avoid directing the spray from your garden hose or pressure washer directly towards the underside of the unit. After washing, open the enclosure and inspect for the presence of any water. Dry any damp surfaces by wiping with a soft towel and re-secure enclosure cover with screws before plugging back into a GFCI protected outlet. Waxing the unit after washing is recommended and will keep the finish nicer, longer.

PARTS LIST



Item	Description	Qty
A	Replacement Filters	2
B	Remote Control w/ Battery	1
C	Spare Wire Fitting	1
D	2 1/2" Stainless Steel Screws	4
E	Nylon Spacers	4
F	12" Phillips Power Bit	1

TOOLS NEEDED



Description
3/8" Drill
Wire Strippers
Outdoor Rated Silicone Sealant
12" Phillips Bit*
Phillips Screwdriver
Wire Cutters
Pliers
Mounting Template*
Hardware Pack*

*Included with DeckTunes

MOUNTING THE UNIT

The mounting hardware provided with DeckTunes is intended for mounting the unit to a flat surface such as the exterior wall of a home. If you want to mount the unit to any other surfaces, it can be accomplished but will require modification of the unit which will prevent return of the unit for a refund. We strongly suggest temporarily hooking up your speakers and making certain you are totally satisfied with the unit prior to making any modifications to it.

Non-Wall Mounting

Mounting to surfaces such as poles or posts will require additional hardware such as square or round U-Bolts which may be purchased online or at your local hardware store. Make sure any hardware purchased is Stainless Steel to avoid rusting and corrosion. In addition to the hardware, you'll need a properly sized drill bit to bore holes through the back of the enclosure. Take caution to ensure the hardware, method of attachment and surface are all adequate to support the weight of the unit (17 lbs) and motions created from normal use. Whatever method and hardware you choose, be sure to thoroughly seal around any holes you create using an outdoor rated silicone sealant. We also recommend sealing the four mounting holes found in each corner on the back of the unit. This may be accomplished using sealant or by inserting Stainless Steel screws into each of the threaded inserts.

Hard Surfaces

If your mounting location is constructed of a hard material such a brick or concrete, you may still use the normal mounting channels but you'll need to purchase anchors and / or fasteners that are designed for such material. One product we highly recommend is Tapcon made by Buildex. (www.itwbrands.com) These fasteners allow mounting to hard surfaces without the need for anchors. Pilot holes are all that's required and kits are available that include a few fasteners and appropriately sized concrete drill bit. Be sure to purchase the type with Phillips heads versus slotted hex heads so you may still use the included 12" bit and guides.

Rear Mounting

In certain applications, it may be desirable to mount the unit by placing it against the mounting surface and securing it from behind using the four threaded inserts located on the rear of the unit. This method will require 5/16" - 18 Stainless Steel fasteners. If using this method, please make sure the fasteners are long enough to pass through the mounting surface and at least 2" into the unit.

Free-Standing

Your DeckTunes unit may easily be converted for a free standing application using our Free-Standing accessory kit. This is useful for placing the unit on a suitable flat surface such as a table or deck box. (Using longer fasteners, it's possible to bolt the unit to such a surface from underneath.)

If you have questions or need assistance with finding the right hardware for your particular mounting requirements, give us a call as we'd be glad to help.

(Should you opt for a method of mounting or wire routing that requires drilling holes, please review the Drilling Tips section of this manual.)

MOUNTING THE UNIT (Continued)

(Note: Model depicted may differ.)

Wall Mounting

To mount your DeckTunes unit to a wall, begin by removing the mounting template from the included envelope. Unfold it and re-



fold it in the opposite directions to help remove the creases. Using some type of tape, affix the template to the wall where you intend to mount your unit.

Template must be flat, smooth and level.

Using a drill and an 1/8" bit, drill pilot holes in the center of each red X. (CAUTION: Before drilling, make certain nothing is inside the wall such as water pipes or electrical wiring!)

Once the pilot holes are drilled, remove the template and set the DeckTunes unit on a flat surface. Using a Phillips screwdriver, remove the two screws from the front cover.



Next, stand the unit upright using the coiled power cord to prop up the unit so it leans to one side. Open the cover as far as it will go taking care not to allow the unit to tip over backwards. Place the 12" Phillips bit in your drill and

put a 2 1/2" screw on the tip. Slowly insert the screw and bit into one of the top channels and through the hole in the back.

The next step requires a helper. While making sure the tip of the bit remains firmly in contact with the screw, lift the unit to the mounting location and insert screw tip into

corresponding pilot hole on wall. Slowly squeeze the drill trigger and drive the screw about half-way into surface. Repeat the process for the other three holes.



Once this has been accomplished, insert the included nylon spacers into each channel. Push them in as far as they will go while leaving enough length sticking out so they may be removed with a



pair of pliers. (This is about half their overall length.)

The spacers are necessary as guides to aid in lining the tip of the Phillips bit up with the head of the

screws through such a deep and wide channel. Even with them, you may still have to wiggle the bit around slightly to re-engage the screw.

With the spacers in place, reinsert the bit into each of the 4 holes and tighten the screws evenly. This is especially important on uneven walls such as those covered with siding.

Once all screws have been tightened, the unit should appear straight up and down and not tilted to either side.

(CAUTION: On uneven surfaces, it is imperative that you take your time performing this step and that you do not over tighten the screws as doing so could cause opposing screws to be ripped out of the wall! If a screw needs to be tightened to adjust the angle of the unit, make certain the opposing screws are loose enough to allow the adjustment first!)



SPEAKERS & POWER

After the unit has been mounted, you'll need to hook up your speakers, seal the unit and apply power.

You'll need to start by running wires from each of your speakers to your DeckTunes unit and inserting them through the fitting on the bottom. Make sure you pull a little extra wire inside the enclosure so there will be enough slack to complete the connections.

NOTE: Spreading the strain-relief tabs open slightly with a flat bladed screw driver will make getting cables through the fitting a little easier. If it pops out, simply tap back in place with a hammer. If it breaks, replace it with the included spare.



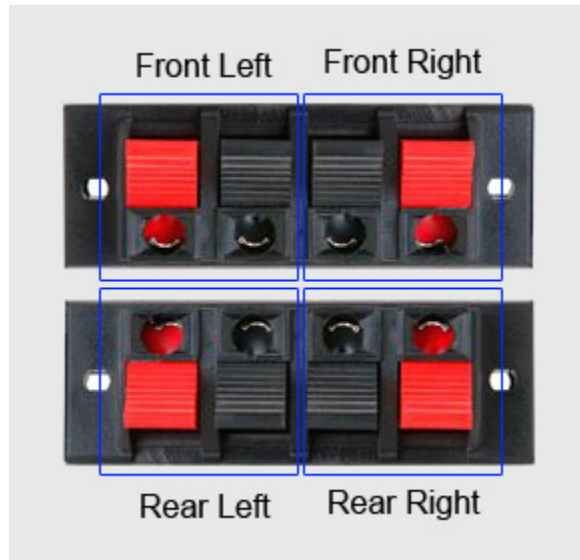
**Run Speaker Wires
Into Unit Here**

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SPEAKERS & POWER (Continued)

Speaker Wiring

Before you connect speakers, please reference the chart below to determine the proper wire gauge for your particular installation. Next, strip off approximately ¼" of insulation from each wire and connect them to your DeckTunes unit by pressing in on the appropriate red or black tab, inserting the stripped portion of each wire in to the hole and releasing the tab. Remember to use the proper wires for negative and positive when making your connections or your speakers will operate out-of-phase with one another resulting in poor quality sound. You may connect up to 2 pair of speakers to your DeckTunes unit. If you choose to use only 1 pair, that's fine and it does not matter whether you connect them to the Front or Rear set of speaker terminals.



Please use the proper gauge wire to connect your speakers. Failure to do so could damage the amplifier compromising the long-term dependability of your unit. To determine the proper gauge wire, please consult the chart below. If you're unsure of the exact distance to your speakers, keep in mind that it's always better to use a larger gauge than you need versus one that is too small.

Maximum Wire Lengths For Two Conductor Copper Speaker Wire

Wire Gauge	Speaker Impedance		
	4 Ohm	6 Ohm	8 Ohm
20 AWG	10'	15'	20'
18 AWG	16'	24'	32'
16 AWG	24'	36'	48'
14 AWG	40'	60'	80'
12 AWG	60'	90'	120'
10 AWG	100'	150'	200'

* Distances shown in maximum feet from unit to each speaker.

SPEAKERS & POWER (Continued)

Sealing The Unit

Once you're finished with the speaker connections, be sure to fill the cavities of both wire fittings on bottom of unit with outdoor rated silicone sealant. In addition, seal any other holes you may have drilled as part of a custom mounting solution. Close the cover and secure tightly with screws removed earlier.

(IMPORTANT: Because of the thick door gasket and O-Rings on the screws, the cover may "seem" securely closed before it actually is. Place your hand against the face of the cover and apply pressure when tightening the screws and double check afterwards by making sure the cover does not move in or out when you press on it or remove your hand.)

Connecting To Power

With the cover securely fastened, it is now safe to apply power to your DeckTunes unit. If the unit has been hardwired, flip the breaker on, otherwise, simply plug the power cord into a GFCI protected outlet with weatherproof cover.

(CAUTION: Do not remove the ground prong from the plug. Do not power the unit from a non-GFCI protected outlet or circuit! If more power cord length is necessary, an extension cord or splicing additional cable onto existing cable are options. Be sure in either case that all connection / splice points are totally sealed and watertight! If you have the least bit of doubt regarding the watertight integrity of these points, consult a licensed electrician before applying power and attempting to use the unit.)

Concealing Cables

Most customers wish to conceal the power and speaker cables or at the very least improve their aesthetics. There are numerous products on the market for this purpose and most can be found at your local hardware or home improvement store. For more information, please visit the FAQ section of our web site where the topic is covered in more detail.

Operation

To turn your DeckTunes unit On or Off, simply depress the power switch located on the left side of the faceplate.

For details on operating and accessing the features of the stereo, please refer to the included JBL users manual. A few notes: The first time you power on your unit, you may want to program settings such as the time and a few of your favorite radio stations. When using the Sound Quality (SQ) settings, it may be necessary to reduce the Bass level by a couple of dB to prevent distortion at high volume levels. Depending on your speakers and particular song, it may also be necessary to reduce the Treble.

Troubleshooting

Should you experience any issues with your unit, please visit the FAQ section of our web site. If you are unable to find a resolution to your issue there, please call us toll free at 800-240-6845 or send us an email to Support@OutdoorAudio.com

Maintenance

Every few months, you should inspect the unit to ensure that the exhaust fan is operating, the filters are clean, the vents are unobstructed and that no moisture is in the unit. The cover must be opened to complete this check so please remember, always disconnect power to the unit before opening the cover. In addition, keeping the unit clean and waxed will help preserve its finish.

DRILLING TIPS

If you intend to mount your DeckTunes unit in a customized manner which will require drilling holes in the enclosure, here are some helpful tips. If done improperly, drilling holes in laminated fiberglass can produce less than pleasing results. It is foremost important to use high quality sharp drill bits or hole saws. If using a drill bit, start the hole slowly with the drill in REVERSE. Once the hole is started, complete it with drill in the forward direction. (You'll obviously need a reversible drill to use this method.) When possible, use a hole saw rather than a bit as it will produce a much cleaner hole. When using a hole saw, drill only about halfway through one side and complete the hole from the opposite side. Using some form of a center punch to make a small indentation on the surface where you intend to create a hole will help the bit, or pilot bit, start exactly where you want it and will help prevent the bit from possibly straying from it's mark and marring the enclosure. Running a deburring tool around hole edges will help smooth them out by removing any remaining material.

(CAUTION: Fiberglass can be hazardous if inhaled, introduced to your eyes and is a skin irritant. Use proper safety gear and precautions when drilling or otherwise modifying the enclosure. NEVER drill any holes above the power supply.)



Warranty & Money Back Guarantee

We are committed to happy customers. If you are not satisfied with your Outdoor Audio product purchased directly from us, just ship it back within 30 days and we will happily refund your money.

Your refund will be processed within a few days of our receiving the return. Please include a note indicating why you are returning the item.

Products can not be damaged, modified in any way or missing parts, and the customer is responsible for shipping costs to return the items. If your DeckTunes unit is missing anything, or you lose something, or something is wrong when you receive it, just give us a call and we will promptly address the issue at no cost to you.

In addition to our Satisfaction Guarantee, DeckTunes also carries a 1-Year Warranty against defects in parts or workmanship.

Any duties, freight, taxes, customs fees and other such costs are not included in the money back guarantee.

We're audiophiles that love what we do - Working really hard to deliver high quality and affordable products to others like us. We strive to make every customer happy and all our rules are only guidelines. Feel free to contact us at any time at 800-240-6845!

Please visit our web site for speakers, accessories, new items, frequently asked questions and more!

www.OutdoorAudio.com

☺ **SHAMELESS BRIBE** ☺

Thanks again for your purchase and remember to send us a few pictures of your final installation AND YOUR SHIRT SIZE for a Free Outdoor Audio T-Shirt.

You may send them to Support@OutdoorAudio.com or via postal mail to:

**Outdoor Audio, Inc.
6810 Overton Circle
Cumming, GA 30041**

We would also appreciate it if you would take a minute to visit our Message Board and leave us some feedback in the form of comments and / or suggestions. You can also upload pictures of your installation there. To reach the board, please visit our site at

www.OutdoorAudio.com

and click on the [Feedback] link.