

Sample 1: Best 12 Inch Subwoofer

Are you looking for the best 12inch subwoofer on the market? Subwoofers are great for giving you that awesome chest-thumping sound you crave so much. They allow your sound to blend in much better with everything else around. This is because they tie everything together. Another one of its unexpected advantages is that a good subwoofer gives small, unobtrusive speakers the ability to sound better. It is almost like an entire facelift for your existing audio system.

A subwoofer is specially designed to reproduce low pitched audio frequencies also known as bass and sub-bass in a way that is lower in frequency than that produced by woofers. Most subwoofers range between 20 and 200 Hz for consumer products. The frequency varies according to the intended use. Live sound, for example, will require a frequency of below 100Hz, whilst THX approved systems require frequencies below 80Hz.

Subwoofers never walk alone! They are part of a set, a sound ecosystem. This is because they are made to complement the low-frequency range of loudspeakers that cover the higher frequency bands. A typical subwoofer is made up of one or more woofers placed in a loudspeaker enclosure which can withstand air pressure and resist deformation. There are so many shapes and sizes that they come in and the 12-inch version is one of the many subwoofers available on the market.

In a Hurry?

Are you looking for the best subwoofer but you do not necessarily have the time to go over the mountains of information available on the topic? Allow us to help you sift through it. You will want to look for a subwoofer that complements the rest of your audio system. Whether you will be using it in your car or at home, no subwoofer is standalone, so you need to make sure that it works well with the other existing components and speakers. You will need to consider the frequency, sensitivity, enclosure type, the number of voice coils, the size of the woofer and impedance.

Also, make sure that you understand which direction it will be facing and if that works for where you want to place it. Think about the type of 12-inch speaker that you want. This also refers to the type of power you have and the amount of space you have as well. We have gone through the top picks and our favourite is the Rockford Fosgate P3D4-12 Punch P3 DVC 4-Ohm 12-Inch 600-Watt RMS 1200-Watt Peak Subwoofer. It has anodized aluminium cones and dust caps, with a unique spider venting design to keep the motor cooler and a new hybrid stamp-cast basket which gives super strength while minimizing weight and resonance. It is the best used in standard sealed or vented enclosures. It comes with a 1-year warranty.

Planet Audio AC12D Car Subwoofer

A Dual voice loop subwoofer gives all the more wiring setup conceivable outcomes. On the off chance that you include extra subwoofers, wiring arrangements can be effectively

coordinated to improve the amps power yield. Power taking care of is additionally expanded. Double voice curl subwoofers are perfect for medium to high-control applications. This subwoofer will flourish in well in a ported fenced-in area. A ported fenced in area is anything but difficult to spot as a result of the vent (port). This fenced-in area will be greater than a fixed walled in area and it likewise has more prominent SPL yield, bringing about chest-pounding bass with power. For appropriate tuning and ideal subwoofer execution in a ported walled in area, we prescribe utilizing an intensifier with a subsonic channel.

This subwoofer will work well in a fixed walled in area that will yield strong, tight bass. You can either buy a pre-created walled in area or construct one to suit your establishment needs. Fixed walled in areas are moderately simple to assemble and are the littlest fenced in area the subwoofer is intended for. You can run this Planet Audio AC12D 12 in. Political agitation Series Dual Voice-Coil Subwoofer at its pinnacle execution. It's made of a polypropylene cone that is strong and sturdy to give an incredible sound that will keep going quite a while. To keep the cone focused, self-damping froth encompass is utilized to diminish its very own standing waves. The voice curl is made of aluminium so it's low thickness and opposes erosion. In the event that you love lows, you're going to adore this 1,800-watt max subwoofer!

Another subwoofer must experience a short however significant procedure of 'break-in' before it is run under brutal conditions. This will guarantee the presentation as it has been intended to. The procedure includes exposing the subwoofer to close to low-to-medium volume levels for various hours in the walled-in area. This will slacken the suspension to anticipate the voice curl from overheating. Over-driving the woofer before it has been broken-in, will bring about untimely disappointment and terrible showing. Usually called just PP, this plastic has different structures. It is a flexible and tough made material that can be utilized in a large number of utilizations crosswise over for all intents and purposes all fields. It very well may be utilized for tubes, vehicle trims, and packs. In the particular instance of our cones, this material takes into consideration the most extreme give that produces extraordinary sounding speakers enduring you quite a while. These speakers are equipped for higher or raised temperature quality and weakness properties that will expand the execution and productivity of rock-solid play time through lower weight and higher working temperatures.

Pros

- There are 6 versions to choose from.
- The sound quality is impressive.
- It is easy to install.
- It is very cheap.
- It has a customisable trim ring.

Cons

- There are some issues with durability.
- Does not do well with high power.

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Rockford Fosgate P3D4-12 Punch P3 DVC 4-Ohm 12-Inch 600-Watt RMS 1200-Watt Peak Subwoofer

The P3D4-12 is the best performing Rockford Fosgate Punch arrangement subwoofer for vehicles and trucks. The P3 12" highlights Dual 4-Ohm voice loops, 600 Watts RMS of intensity taking care of, and obliges a grille addition utilizing the included cast aluminium trim ring. The P3D4 12-inch subwoofer is Rockford Fosgate's best performing Punch arrangement subwoofer. The P3 subwoofers presently highlight anodized aluminium cones and dust caps alongside remarkable creepy-crawly venting to keep the engine cooler than past renditions. These element VAST innovation to expand surface cone zone up to 25% and a FlexFit bushel for extraordinary establishments. The best part is that another crossbreed stamp-cast crate offers the best of the two universes by giving super quality while limiting weight and reverberation.

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Pros

- Thrilled with the sound quality.
- It provides great value for money.
- Deals well with high frequencies.
- Customer service is very good.
- It is easy to set up.

Cons

- It comes on the high end of the pricing scale.

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Rockville W12K9D4 12" 8000 Watt Car Subwoofers Dual 4-Ohm Subs CEA Compliant

The RSV12 single vented speaker box is made in the USA with Grade "A" ¾" MDF wood. This fenced-in area is made with exactness cutting apparatus by industry specialists that have been making these nooks in the USA for more than 20 years. All Rockville walled in areas accompany a tweaked improved paste that is unparalleled by some other maker. That

implies that the rug will remain set up and not tear or tear. The ¾" USA MDF is a lot more grounded than any kind of import wood. This will keep your crate performing at an ideal level by not flexing and misshaping your woofers. Your woofers will much obliged! Each Rockville nook isn't just stuck at all joints yet stapled too. In the event that that wasn't sufficient, we add a layer of silicon to each crease! This makes your Rockville walled in area shake much more!

3" 4-Layer Black Aluminum Voice Coils Wound with OFC (100% Copper) Wire Made in Japan. The CCAW Wire we use is made in Japan. It is one of the most significant segments to make the sub high calibre and last more. Twofold Stacked 190 Oz High-Quality Magnet. Cast Aluminum Basket With Black Sanded Finish Makes This Sub Very Efficient And Lighter Weight. Dark Non-Pressed Paper Cone With Beautiful Finish. The cones are ultra-solid. They are thicker and more grounded than different subs available making our subs ready to deal with more power. Thick Foam Surround Provides Incredible Sound Quality With Minimal Distortion.

Red Stitching Cone Reinforcement Ensures Long Life. Polypropylene (PP) Dustcap. Impedance: Dual 4-Ohm Voice Coils. Vented Hole on T-burden Enhances Heat Dissipation. Uncommon Custom Rubber Boot Magnet Covers Make the Woofer Look Nice and Protects the Magnet. Custom Rockville Mounting Gasket Looks Beautiful and Makes it Easy To Mount the Subwoofer Air-Tight. High BL Magnetic Motor Gap. We utilize the most noteworthy evaluation dark paste that handles amazingly high temperatures which enables our woofer to deal with considerably more power than they are appraised.

Nomex Spider gives tear obstruction, quality and long haul dependability over customary cotton and poly cotton creepy crawlies. Pattern Diameter: 11.13" inches. Mounting Depth: 6.85" inches. Recurrence Response: 33 Hz - 1.5K kHz. 10mm T-Yoke + 10mm Washer. Affectability: 83dB. Fixed Enclosure Volume: 0.8 - 1.25 Cubic Feet.

Pros

- They produce incredible bass.
- They are heavy and sturdy.
- They are reasonably priced.

Cons

- The dust cap could be stronger.

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JL Audio 12" 12W6v3D4 600W Dual 4-Ohm Car Subwoofer

In the event that you are looking for strongly ground-breaking sub-bass that bargains nothing regarding sound quality, the 12W6v3 is your definitive partner. This exceptionally propelled subwoofer driver offers a few innovations imparted to the lead W7AE subwoofers to give

ground-breaking focal points in engine linearity and suspension conduct. These join with a proficient cooling circuit to convey diminished twisting and exceptional powerful equalization.

JL Audio brought forth the W6 arrangement in 1993, since turning into the smash hit Subwoofer Driver in their whole big guns. The most recent age, the v3, remains consistent with what epitomizes the W6 family. Worked close by JL Audio's leader W7AE, the W6v3 Series shares many protected historic innovations found in its ultra-execution greater sibling. Notwithstanding these innovations, the W6v3 additionally joins a protected cooling structure that proficiently channels air around the voice coil to further improve taking care of and its JL Audio constancy. The suspension configuration includes an elastic encompass for improved sturdiness and a huge distance across, dynamic turn insect to give straight consistency over the woofer's outing range. The cones are infusion formed, mineral-filled polypropylene and join a silver emphasize ring that makes a tasteful new look in the mix with the silk dark cast combination crate.

In spite of the fact that the W6v3 Subwoofer can be driven with as meagre as 200 Watts, for best sound execution it is prescribed to run an intensifier equipped for between 400 - 600 Watts of constant power per driver, similar to the JL Audio XD600/1v2 or JL Audio 600/1v3. Also, these subwoofers are advanced to work in either a ported or fixed fenced-in area, requiring just 1 cubic foot of air space in a fixed box and 1.30 cubic feet in a ported/vented enclosure. The shot formed structure inside the port vent, found straightforwardly in the focal point of the magnet structure, guides wind stream and builds air speed to adequately decrease voice coil temperature, prompting improved devotion and unwavering quality. In addition, JL Audio's licensed Elevated Frame Cooling configuration conveys cool air through openings legitimately over the top-plate to the voice coil of the speaker. This upgrades power dealing with, yet in addition sound quality by limiting unique parameter moves and power pressure. Basically, the harder the W6v3 works, the more air it is moving to keep itself cool.

DMA is JL Audio's exclusive Dynamic Motor Analysis framework and is planned for improving unique engine conduct. Because of DMA enhancement, W7AE engines stay straight in engine power over an outrageous scope of outing and furthermore keep up an exceptionally steady fixed attractive field in the hole over a wide power go. This prompts endlessly diminished bending and dependably imitated drifters... or then again put just: tight, perfect, articulate bass. Its fundamental impetus is the driver's Ultra-long Voice Coil, that permits outrageous straight trip, sensational power dealing with and control, control, control.

Pros

- It is beautifully finished.
- It produces deep bass.
- Overall sound quality is very good.
- Bang on the buck in terms of value.
- It is an American made product.

Cons

- The jury is still out on durability.

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SoundQubed HDS2.1 Dual Voice Coil 600W RMS Series Subwoofers (12-inch Dual 2 Ohm)

The Power Band 600 Watts is our HDS2.1 Series of drivers. The high proficiency of the HDS2.1 arrangement begins with a solid 2.5" voice curl with high-temperature cements and loop wire that guarantee long haul dependable execution. The HDS2.1's twofold magnet engine is curiously large to give high yield levels of accuracy and control. The plates are covered with consumption safe epoxy paint which additionally builds the surge of warmth from the voice curl. It is a Green twofold sewed EROM encompass. There is a Stamped powder-covered edge. It has a vented back-plate for ideal cooling and less choppiness in the curl hole. There is a 2.5" breadth four-layer copper loop.

The Conical backplate to permits more voice curl travel. There are a 14 check direct leads. (8" Model Only). The 10 AWG push terminals are unimaginable. Both Black electroplated top and base plates are very much put for toughness. This is improved by a non-squeezed, fibre included cone for most extreme unbending nature. We likewise value the power of dealing with 600W RMS, 1200W Peak. It is accessible in Dual 2 and Dual 4 ohm design.

I had a friend hook this up in their jeep. What blows me away about this system is that I was standing across the parking lot and I heard this system. I was like what is in that Jeep - I had to go check it out. I expected to see like some crazy like I don't know like three 18 in this thing. For a team's for 15 something that was not three tens. I'm not saying that in a bad way. This thing was impressive, and we're not talking about real beefy tens either. They were three sound cube HDS 210. Those are like as budget as it gets. This thing was slammin.

Pros

- It is a very loud subwoofer.
- The performance is incredible for the price point.
- They are easy to hook up to the car.
- The bass is punchy!

Cons

- Will update once we know how durable they are.

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Buyer's Guide

You can use subwoofers in different spaces and for different reasons. You can equip your car's audio system with high-quality speakers. This way you help boost it in such a way that you get the booming sound that can be heard miles away. It is also a great way to have great sound when you are tailgating. Big car speakers are known to provide great bass. But with every speaker, there is a limit to the amount of bass they can give out. The reason you are looking for 12-inch subwoofers is that you probably want something bigger. You want more.

1. Are you looking for the best 12-inch subwoofers on the market?
2. Do you need to get more bass?
3. Or perhaps you are looking to gift someone with a powerful but portable system.

Now that you have decided to buy a sub, it will be important for you to think about what kind of sub you need to get. The first thing you need to be looking at is component subs. This is just the speaker itself and it needs to be mounted in a sub box so that it works properly. You will also need to power the sub with an external amplifier.

Enclosed subs are premounted into a box and they are designed to accommodate the sub. This means that you no longer need to look for an enclosure for the sub. The downside is that you will be limited on the number of speaker and box types. You will still need to get an external amplifier in order to power the sub.

You can find portable subwoofers. A powered sub is a good idea in this case. It combines an amplifier and a woofer in an enclosure. Since the amplifier is built-in, it means you only have one piece of equipment to find a place for. Many powered subs are compact and they pack quite a punch. They are great to put in your car because they do not take up too much space. The downside with these, however, is that they may not produce as much bass as you would like to have.

12-inch subwoofers are what you will probably get for your car. This means that you will need to know the amount of space you are dealing with and how you will connect it to the rest of the car.

What size box do I need for a 12-inch subwoofer?

The first thing you need to do is to search for the box volume requirements for the subwoofer you want to build the box for. Most manufacturers put this in the manual. Now you need to sketch out possible dimensions and check the volume of the box design. Most people prefer to build a cube because it is the simplest design. To determine the volume of a cube in cubic feet, measure the width, height, and depth in inches, multiply the three numbers together, and divide the resulting number by 1,728. For example, a box that measures 12 inches by 12 inches by 12 inches has a volume of 1.0 cubic feet; $12 \times 12 \times 12 = 1,728$.

Now decide on the dimensions of the front panel. Make sure you add at least 2 or three inches to the size of the subwoofer. So a subwoofer that measures twelve inches will have a front panel measuring 14 to 15 inches square.

Is a bigger subwoofer box better?

The bigger the box, the louder the sound. If the louder sound is what you are after then you will need to quickly embrace this. And while bigger is usually better with subwoofers a 12-inch model hits the sweet spot between size and performance.

Why do subwoofers have a hole?

It is also known as a port. Unlike closed-box loudspeakers, which are nearly airtight, a bass reflex system has an opening called a port or vent cut into the cabinet, generally consisting of a pipe or duct (typically circular or rectangular cross-section). The air mass in this opening resonates with the "springiness" of the air inside the enclosure in the same fashion as the air in a bottle resonates when a current of air is directed across the opening.

Does the subwoofer have to face you?

The subwoofer should ideally face out into the room, or where you want the sound to be heard the most. Also, make sure the port is not against the wall or another obstacle. Bass waves travel in all directions. You must establish the main listening area and that way you get the maximum sound output when you position the sub correctly.

How do I get more bass out of my subwoofer?

The best way to get the best bass out of your sub is to make sure that you position it correctly. If you do not seem to be getting the sound you expected, then try moving the sub around a little until you find the sweet spot.

Final Thoughts

It is the best feeling when you can get a subwoofer that fits your needs. Most subwoofers are also a great conversation starter and a point of pride especially if you are an audio enthusiast. We have reviewed the top subwoofers on the market today and we trust that these are some of the most talked-about for a reason. The type of addition to your sound system that will be a point of pride for you. We have researched and presented you with the pros and the cons of the different products. You mustn't walk in blindly, but that you know what to look for so that you can get the best 12-inch subwoofer. Ultimately, which one tickles your fancy Now that you know what are the important factors that go into a great subwoofer, you can look for the one that suits your needs best. Find the sub that is a crosssection of

these and you have a winner. We hope that our reviews will help you buy the right sub for you. Happy shopping!