



## **Instruction Manual**

To ensure maximum performance and safety, please follow this manual. Please retain the manual for future reference after installation

**Model: SLICK s10 s12 s15**

# OWNERS MANUAL

Model: SLICK s10 s12 s15

Congratulations on purchasing your SLICK subwoofer, please read this manual in order to fully understand how to get the best results from your speakers and ensure that all advice on how to look after your speakers is followed.

Thank you for buying VIBE, we hope you enjoy listening to your product as much as we enjoyed creating it.

*VIBE R&D Division*

## Introduction

This instruction manual is for your safety and must be adhered to at all times. Please read, ensure that you fully understand the installation and set up procedures as explained and if you are unclear on the installation or set up of your VIBE SLICK speakers please contact your nearest authorised VIBE dealer.

## WARNING

DO NOT EXPOSE THIS PRODUCT TO DAMP OR MOISTURE - doing so may result in fire, shock or damage to the product.  
ENSURE GOOD AND CORRECT CONNECTIONS - failure to make the correct connections may result in fire or damage to the product.  
KEEP THE VOLUME AT A LEVEL SO YOU CAN STILL HEAR OUTSIDE NOISE - failure to do this may result in an accident. VIBE equipment is capable of producing sound levels that can permanently damage your hearing. VIBE recommends caution when listening at high volume. For safe and enjoyable listening the sound should be comfortable and clear without distortion.

## CAUTION

Never connect any speaker lead to the car chassis. This can cause severe damage to your speaker / car radio / amplifier.  
Before drilling or cutting any holes, investigate the layout of your vehicle thoroughly.  
Use caution when working near the fuel / hydraulic lines and electrical wiring.  
Observe the correct polarity when wiring, improper phasing may cause a loss of bass response.  
Ensure that no moving parts catch on the speaker or grill (e.g. window or door handles, or window glass inside the door)

## Installation

The quality of the installation will affect the system performance and reliability.  
Contact your nearest authorised VIBE dealer if you are unsure about the installation of this product.  
Please mount this unit away from any potential hazards.  
Minimising the length of wires will provide higher audio output from the system.  
The speaker should be securely fastened to the mounting position using the screws provided.  
Pre drill your mounting holes using a drill and position with the template provided.  
Be sure to investigate your mounting area thoroughly for electrical wires, brake or fuel lines or fuel tank to prevent causing any damage.

## Specification

Specifications*	SLICK s10	SLICK s12	SLICK s15
Speaker Size	10" (274mm)	12" (323mm)	15" (392mm)
RMS Power	350w	400w	500w
Peak Power	1000w	1200w	1500w
Min input RMS	175w	200w	250w
Sensitivity	88dB	90dB	92dB
Frequency Response	30 - 1700Hz	25 - 1500Hz	20 - 850Hz
Impedance	4ohm	4ohm	4ohm
Mounting Diameter	232mm	275mm	350mm
Mounting Depth	126mm	133mm	168mm
Displacement	0.21Cu.Ft.	0.28Cu.Ft.	0.49Cu.Ft.
Recommended Amp	SLICK a0 SLICK a1 SLICK a7	SLICK a0 SLICK a1 SLICK a7	SLICK a0 SLICK a1 SLICK a7

## Run in procedure

VIBE recommends that you follow the run in procedure for the subwoofer detailed below.

When your subwoofer is used for the first time naturally like most brand new items it is very stiff and rigid, it will take time for the moving parts of this subwoofer to loosen up before the subwoofer will be ready to deliver its full potential.

For the first 30 hours it is recommended that you play the subwoofer initially at low to medium volumes, gradually increasing the volume level as time progresses.

As a guide, if you listen to your subwoofer for 1 hour every day it will take a month for the subwoofer to run in properly.

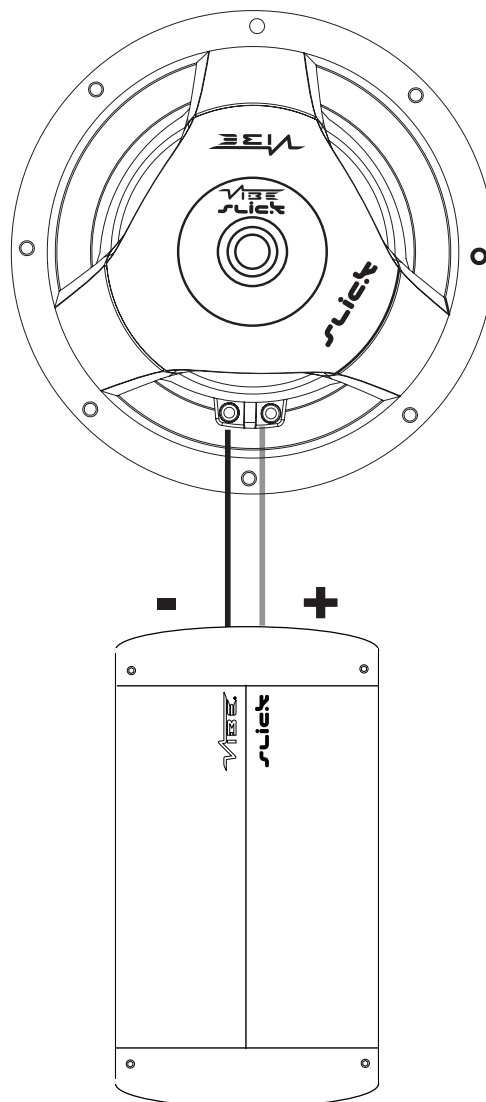
You will notice a big change in the sound of the subwoofer over this period, as the spider and surround begin to run in, the sound will get deeper and harder, also the output of the subwoofer will increase as the suspension loosens up.

The subwoofer is like your cars engine, it needs a few thousand miles before you can drive it to it's full potential, driving it into the redline from the first day will mean damage is certain and this kind of damage will not be covered by warranty.

Failure to follow this simple procedure is the most common reason for a subwoofer to fail after a very short period of time.

## Wiring configuration

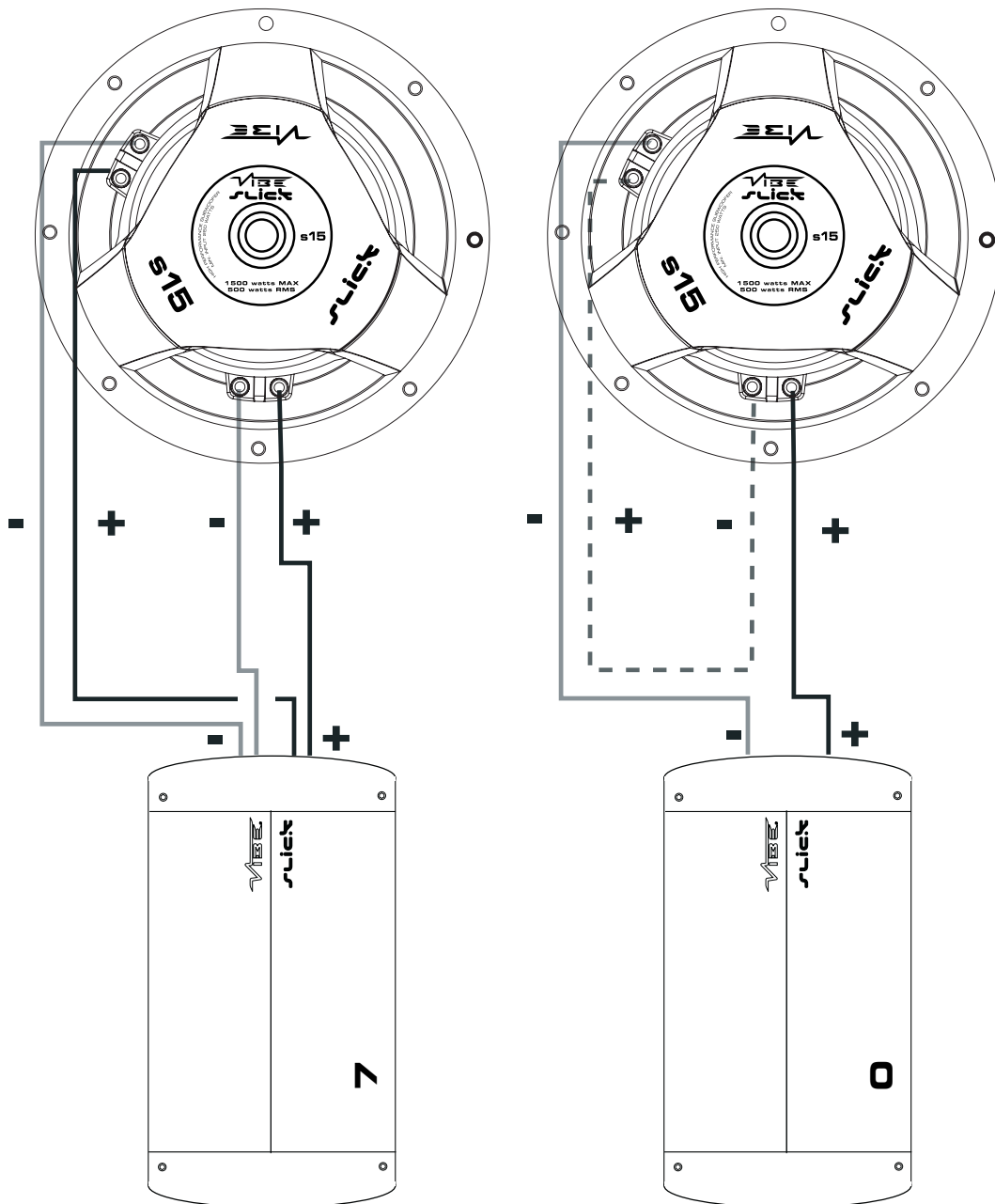
### 4 Ohm (Slick 10 and 12)



## Wiring options

The Slick 15 subwoofer has a dual 2 ohm voice coil. Below are a few different wiring examples, please check with your amplifier manufacturer as to which wiring method is most suitable.

### Single woofer configuration

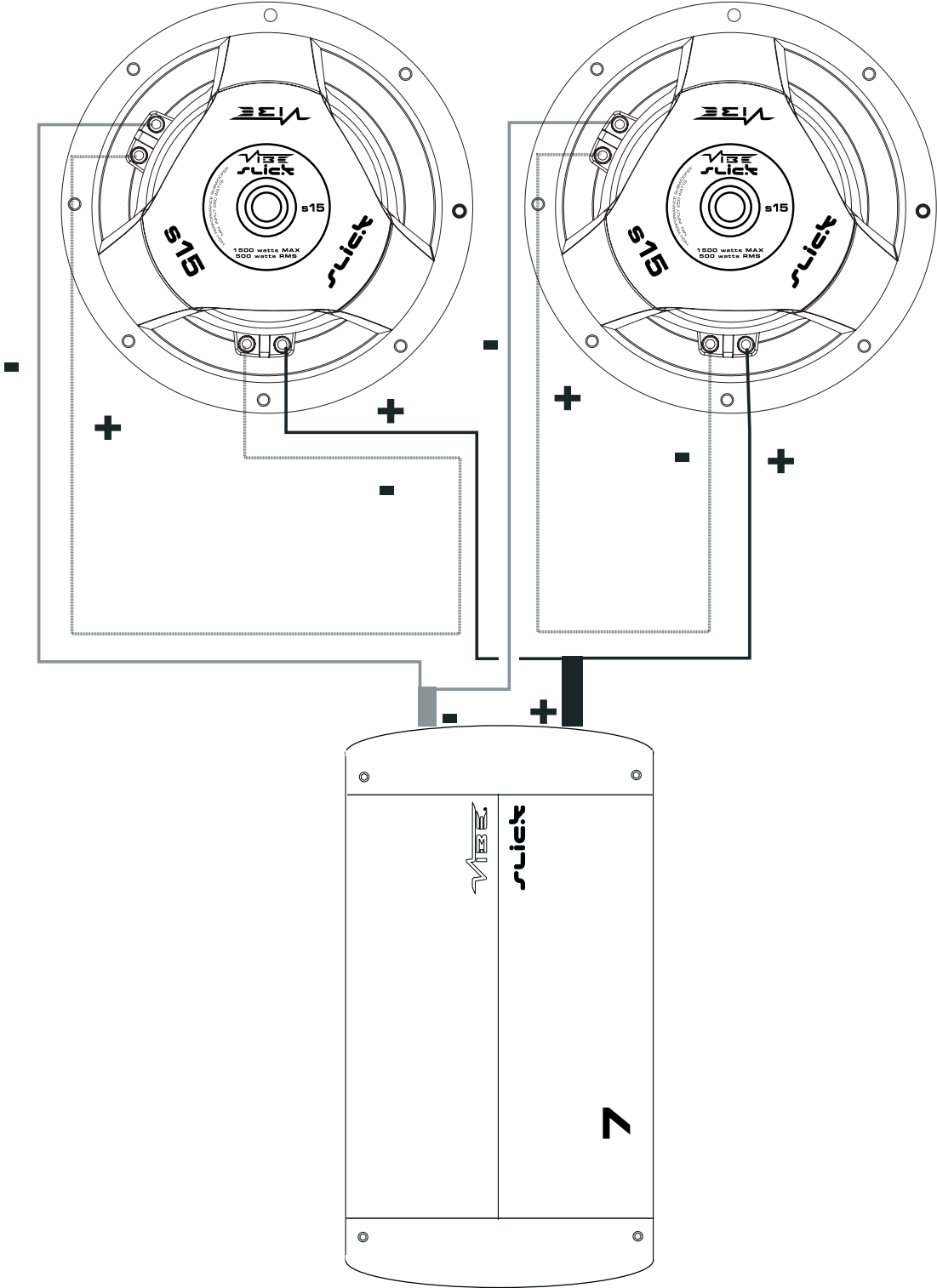


**1 Ohm - parallel wiring**

**4 Ohm - series wiring**

# Twin woofer configuration

## 2 Ohm - series / parallel wiring



## Installation

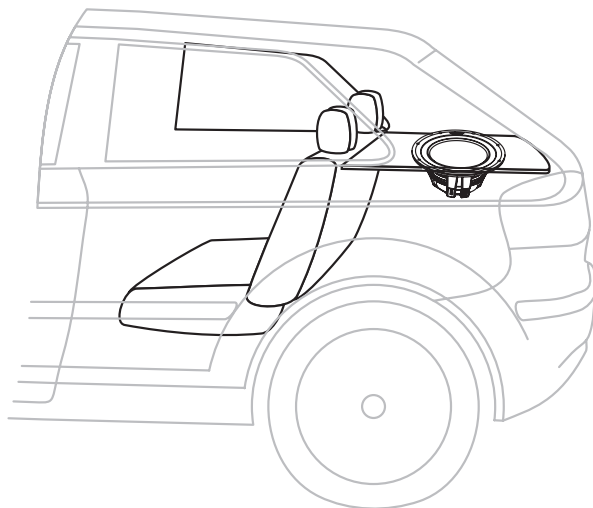
The vibe subwoofer can be installed in a variety of different ways, the most suitable will depend upon your application.

### Free-air installation

The SLICK Subwoofer can be mounted free-air, this does not mean that the woofer can work without any form of enclosure, what it does mean is that the enclosure can be very large and therefore the subwoofer can utilise the vehicles boot as an enclosure. The Subwoofer needs to be mounted to a rigid panel as excess vibration will result in poor sound quality, the panel or baffle, should also seal the output from the front of the Subwoofer from the output from the rear otherwise poor sound quality known as phase error will occur. This simply means that the output from the rear of the woofer will cancel out the output from the front resulting in a loss of bass.

As such an enclosure in free-air applications is so large it is worth noting that the power handling of the Subwoofer is reduced to half that of the same woofer in a measured enclosure, please take this into account when choosing your amplifier.

The sound quality of a free-air mounted subwoofer will not match that of the same subwoofer mounted in a measured enclosure however in applications where building a traditional enclosure is impossible free-air mounting will add increased bass response to your system.

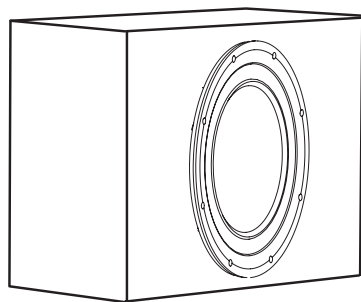


### Sealed enclosure installation

The most basic and simple of all speaker enclosures is the sealed enclosure otherwise referred to as an acoustic suspension design. They are called acoustic suspension enclosures because the air inside the box acts like a brake to control the woofer.

The sealed enclosure is the easiest design to build and tune, as long as you work within the minimum and maximum recommended volumes you cannot get it wrong, the smaller enclosures produce a tighter punchy bass, the larger enclosures produce a deeper bass. Sealed enclosures offer high power handling, tight response and smooth low end roll off and cone motion is better controlled at all frequencies because of the constant pressure on the back of the woofer.

Sealed enclosures are ideally suited to rock, jazz and live music



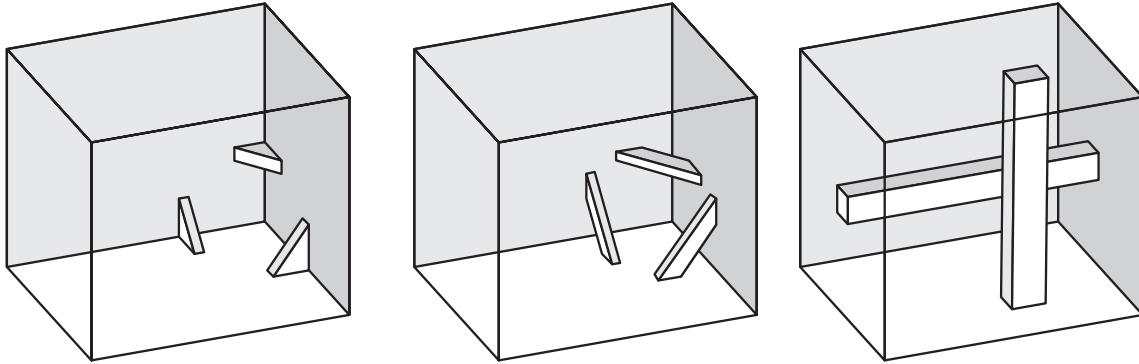
PRODUCT	TIGHT BASS	DEEP BASS
SLICK s10	1.0 cu.ft	1.5 cu.ft
SLICK s12	1.5 cu.ft	2.0 cu.ft
SLICK s15	1.75 cu.ft	2.5 cu.ft

For twin enclosures simply double the volume. E.G. 2 x SLICK s10 in deep bass enclosure will be 3.00cuft

## Enclosure construction

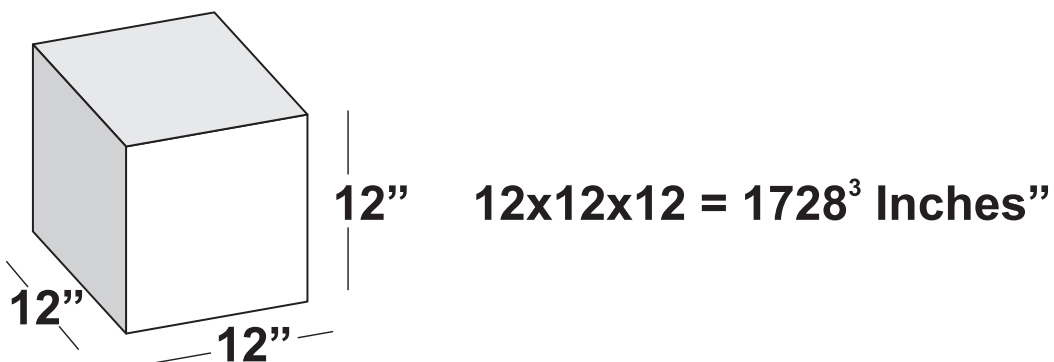
Use at least 3/4 inch MDF (medium density fibreboard) or birch ply to construct your enclosure and at least 3/4 inch is recommended for the baffle. It is recommended that the panels are glued, screwed and braced with sections of the same material you have used to build the enclosure. The SLICK woofer is capable of producing internal pressures that can literally blow apart badly made enclosures, great care needs to be taken with the construction and bracing of your enclosure it is also worth sealing the joints with a silicone sealer once the glue has dried to make a perfect airtight seal.

NOTE- Do not screw the subwoofer into the enclosure within 24 hours of applying silicone sealer to the joints, the gasses given off as the silicone cures can perish the surround of the Subwoofer causing a non warranty failure.



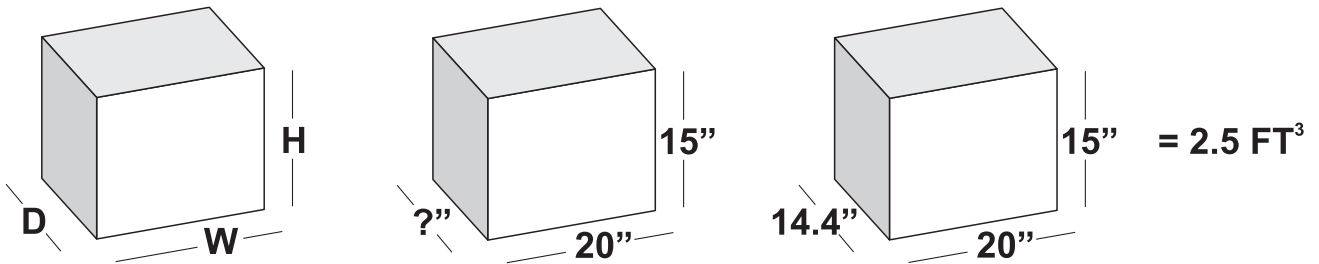
## Enclosure Volume

To work out the volume required for your enclosure please refer to recommended enclosure volumes specified for your subwoofer, these are listed in cubic feet, to convert cubic feet to litres multiply the cubic feet by 28.3 If you use this formula calculating your enclosure size will be easy 1 cubic foot is expressed as  $12'' \times 12'' \times 12'' = 1728$  cubic inches



If we require a volume of 2.5ft<sup>3</sup> then we multiply this by 1728 2.5 x 1728= 4320 cubic inches

We now take 2 known enclosure dimensions that we will use E.G. height and width and divide this figure by them which will give us the depth, for example our height is 15", our width is 20"



So our depth is 14.4" for this enclosure

Note : this formula is for the INTERNAL dimensions, please add the thickness of the material used to construct the enclosure to the formula to give you the outside dimensions.

So assuming we are using 1 inch material we need to add 2 thicknesses to each internal dimension to allow for material top and bottom so the external dimensions for this enclosure would be 17 x 22 x 16.4 inches

T/S Parameters	SLICK s10	SLICK s12	SLICK s15
Revc	3.6 Ohm	3.6 Ohm	3.6 Ohm
Fo	46.476 Hz	34.5 Hz	29.057 Hz
Sd	34.600 sqM	53 sqM	85.00 M
BL	8.33 T	7.309 T	12.513 T
Qms	2.209	3.232	2.882
Qes	0.828	0.87	0.681
Qts	0.52	0.58	0.551
No	0.307%	0.40%	0.70 %
SPLo	88.2 dB	90.1 dB	92 dB
Vas	30.901 ltr	88.095 ltr	166.659 m M
Cms	181.773 u M/N	220.897 u M/N	185.862 u M/N
Mms	64.514 g	72.815 g	162.289 g
Mmd	60.813 m KG	65.8 m KG	148.040 Kg



## Limited Warranty

All VIBE products carry a full twelve months manufacturers warranty, valid from the date of the original receipt / proof of purchase. In order to validate this warranty, the warranty card should be returned to VIBE within seven days of the original purchase date. The original receipt and packaging should also be retained for this twelve month period.

If at any stage during the warranty period you have a problem with the product then it should be returned to the point of purchase, with proof of purchase in its original packaging, complete with no items missing.

If the store is unable to fix the product it may have to be returned to VIBE this process takes around 7 working days.

A full description of VIBE's warranty information can be found on our website:

**[www.vibeaudio.co.uk/warranty](http://www.vibeaudio.co.uk/warranty)**

A written version can also be obtained from  
VIBE warranty Dept  
PO BOX 11000  
B75 7WG

Technical enquires  
call 09067 031420

call cost 50p per minute  
call costs correct at date of publication (01/01/09)  
Hours of business 9.00am - 5.30pm  
all calls are recorded for training purposes  
MIDBASS Distribution  
PO Box 11000  
B75 7WG



**In order to protect your purchase and aid your warranty please fill in the following form and keep it safe for your future reference:**

**Model Number:**

**Serial Number:**

**Purchased From:**

**Date of Purchase:**

**KEEP IT SAFE**  
Staple your receipt here:

# Anti VIBE®

Sound Deadening Material

## LESS RATTLE, MORE BASS

- Better sound
- Lower road noise
- Reduced panel rattle
- Reduced heat
- Higher sound pressure level (SPL)



AVAILABLE AT ALL VIBE DEALERS  
OR VISIT  
[www.vibeaudio.co.uk](http://www.vibeaudio.co.uk)





#### FLATBASS™ 13 SPK Bass speaker cable

There are many powerful bass amplifiers on today's market – the ever increasing power is putting huge strains on speaker wire – VIBE present a new breed of speaker cable specially developed for BASS applications – the VIBE FLATBASS speaker cable offers SolidCores™ that can handle and sustain considerably more power than conventional speaker cable.  
**Model: FlatBass 13 SPK – 13 gauge SolidCore™ flat BASS speaker cable**



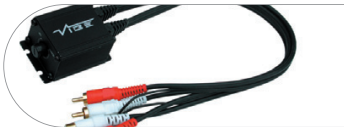
#### VIBE 140 amp circuit breaker

Big systems require big protection – The VIBE circuit breaker is rated at a massive 140 amps and offers critical protection to your system – if the system over powers or short circuits the breaker will cut in and save your equipment. No need to replace expensive fuses, system is reset via a simple switch – also offers safe and instant system shutdown.  
**Model: CB140 – 140 amp circuit breaker**



#### FLAT Y 2M / FLAT Y 2F RCA Y leads

Our professional quality full range OFC Y-interconnect guarantees a pure and strong signal. With a flat design and ferrite loaded gold plated plugs interference is greatly reduced. The FLAT-Y Interconnect is available in 1 male – 2 female FLAT Y 2F and 2 male – 1 female FLAT Y 2M configurations.  
**Model: FLAT Y 2f – 1 pair RCA Y lead 1male to 2 female**  
**Model: FLAT Y 2m – 1 pair RCA Y lead 2male to 1female**



#### VIBE BC10 level controller

The VIBE BC10 gain level controller is a perfect addition to any subwoofer system, the BC10 allows the level of the amplifier to be controlled from the driver's seat giving the user easy adjustment of gain level. Particularly useful for adjusting the gain level for amplifiers controlling subwoofers. The BC10 controller is RCA input and output making it compatible with any system allowing gain level adjustment of any amplifier it is connected to. It can also be used with full range amplifiers.  
**Model: BC10 – RCA Gain level control**



#### Slick level remote

A new addition to the Slick range of amplifiers is the Slick level control which allows level adjustment of the amplifier from the front of the car - Simply plug the supplied cable into the Slick remote level port on the end panel of the amplifier and remote gain control is yours, it is that easy.  
**Model: SLR1 – optional remote for use with all Slick amplifiers**



#### VIBE PortPlug™

The VIBE PortPlug allows easy tuning of the VIBE CBR bass enclosures. The PortPlug™ is used to tightly seal the VIBE TurboPort™ in the enclosure to either create a sealed enclosure for better transient response or in the case of a multi ported enclosure re-tune the enclosure using only 1 PortPlug™  
**Model: PP25 – PortPlug™ for 2.5" TurboPort™**  
**Model: PP30 – PortPlug™ for 3" TurboPort™**



#### VIBE official Merchandise

MPS – VIBE polo shirt with embroidered VIBE logo on front and rear  
MTS – VIBE T-shirt with small VIBE printed logo on front.  
MCD – VIBE CD, containing exclusive VIBE bass tracks as featured on the Bass Tunnel and VIBE Dredd.  
MCC – VIBE CD case, metallic silver CD case with VIBE logo.  
VFL – VIBE fleece with embroidered logo on the front and large on back.  
VTD – VIBE tax disc holder, stylish silver tax disc holder featuring VIBE logo.



#### VIBE SD4/5 subwoofer defender grill

The new VIBE subwoofer defender not only provides protection for your sub but also adds style with its metallic badge and black rubberised steel construction allow it to integrate perfectly with the VIBE EVO enclosures  
**Model: SD4 – sub grill fits both 10" and 12" subwoofers**  
**Model: SD5 – sub grill fits 15" subwoofers**



#### VIBE GB41 banana plug

The VIBE GB41 banana plugs are the easy and convenient way to quickly remove your bass enclosure without having to constantly re-thread your speaker cable into the box terminal, simply attach the speaker cable to the VIBE GB41 banana plug and you have a reliable quick release solution. Designed for optimum use with the TP-2 and GP-4 terminal, our professional gold plated 4mm banana plugs are polarity marked and feature rubber shrouds.  
**Model: GB41 – Gold Banana plug**



#### VIBE DB6 non fused distribution block

The VIBE DB6 non fused distribution block is a professional non fused distribution block which gives easy connection for up to 5 amplifiers. The VIBE DB6 has 2 x 4AWG input and 4 x 8AWG outputs which can be used for power distribution or ground distribution giving a common grounding point for all system components eliminating the risk of ground loop interference.  
**Model: DB6 non fused distribution block**



#### VIBE FD4 fused distribution block

The VIBE FD4 fused distribution block is a professional AGU fused distribution block which gives easy connection for up to 4 amplifiers. The VIBE FD4 has 1 x 4AWG input and 4 x 8AWG outputs each individually fused up to a maximum of 80 amps (AGU fuses available separately)  
**Model: FD4 – 4 way AGU fused distribution block, 1 x 4 gauge input 4 x 8 gauge outputs**



#### VIBE CT0 / CT4 compression fit ring terminal

The VIBE CT range of gold plated ring terminals are professional compression fit designed for maximum conductivity when connecting power cable to the vehicle battery. The VIBE RT compression fit terminals are the best way to connect heavy gauge power cable to the vehicles battery.  
**Model: CT0 – 0 gauge compression fit ring terminal**  
**Model: CT4 – 4 gauge compression fit ring terminal**



#### VIBE RT4 / RT8 crimp on ring terminal

The professional range of VIBE RT gold plated ring terminals for connecting power cable to the vehicle battery. Packed in pairs and include red and black rubber over boots with an easy crimp design.  
**Model: RT8 – 1 pair of 8 gauge crimp on ring terminals with PVC overboots**  
**Model: RT4 – 1 pair of 4 gauge crimp on ring terminals with PVC overboots**



#### VIBE AGU30, AGU60, AGU80 fuses

The VIBE AGU fuse series are the perfect companion to the VIBE FD4 fused distribution block and the Active and stereo system wiring kits.  
**Model: AGU30 – 1 pair 30 amp AGU fuses to fit all AGU fuse holders**  
**Model: AGU60 – 1 pair 60 amp AGU fuses to fit all AGU fuse holders**  
**Model: AGU80 – 1 pair 80 AGU fuses to fit all AGU fuse holders**

All Accessories are available direct, for next day delivery call 0870 765 8423

**For more product info see [www.vibeaudio.co.uk](http://www.vibeaudio.co.uk)**





## The CriticalLink™ range of FL T series cabling from VIBE

The VIBE CriticalLink range of cabling has been developed to achieve the critical link between source (headunit), amplifier and speakers - VIBE audio equipment is high quality, using anything less than the VIBE CriticalLink™ range of cables will severely compromise your equipment and will not allow it to perform to its maximum potential.

NOTE: Your audio equipment will only ever be as good as the cables you use to connect it. The link between your audio equipment is critical for a bigger cleaner sound.

**VIBE cabling and interconnects can enhance your system power and sound quality by more than 20% over other brand cable.**

All Accessories are available direct, for next day delivery call 0870 765 8423

**For more product info see [www.vibeaudio.co.uk](http://www.vibeaudio.co.uk)**



### BASS SYSTEM KIT

The VIBE 3000watt BASS KIT is specifically designed to gain maximum output from high power Bass systems. Featuring the best BASS specific cables from the VIBE CriticalLink™ Range.

Contents of this Kit:

FLATLINES™ 4AWG PWR Power and Ground cable

FLATBASS™ RCA SolidCore™ Interconnect

FLATBASS™ 13 SPK Bass speaker cable

FLATLINES™ remote 18

VIBE 140 amp circuit breaker

All cable is terminated with crimped terminal rings in place and accessory fitting kit.

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE BASS monoblock amplifiers new, current and old models.

**Model: Bass Kit - Bass specific amplifier wiring kit**



### STEREO SYSTEM KIT

The VIBE 1500 watt STEREO KIT is specifically designed to gain maximum output from high power full range systems. Combining the best full range cables from the VIBE CriticalLink™ range.

Contents of this Kit:

FLATLINES™ 8AWG PWR Power and Ground cable

VIBE FLATSTEREO™ RCA - OFC high definition full range interconnect

FLATLINES™ remote 18

FLATSTEREO™ speaker cable

AGU Fuse Holder

All cable is terminated with crimped terminal rings in place and accessory fitting kit.

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE full range STEREO amplifiers new, current and old models. FLATLINES™ 8 PWR Power.

**Model: Stereo Kit - full range stereo amplifier wiring kit**



### ACTIVE SYSTEM KIT

The VIBE 1500watt ACTIVE BASS KIT is specifically designed to gain maximum output from high power Active Bass systems (Bass Boxes). Featuring BASS specific components from the VIBE CriticalLink™ range.

Contents of this Kit:

FLATLINES™ 8AWG PWR Power and Ground cable

FLATBASS™ RCA SolidCore™ Interconnect

FLATLINES™ remote 18

AGU Fuse Holder

FastPlug™

COMPATIBILITY

This kit is compatible with the majority of amplifiers on the market - VIBE recommends this kit for all VIBE active bass enclosures new, current and old models.

**Model: Active Kit - Bass specific active enclosure wiring kit**



**PC15**  
1.5 farad DIGITAL  
power capacitor

The VIBE 1.5 farad power capacitor is a must for any high performance audio system. VIBE's 1.5 farad power capacitor bridges the gap between the vehicles battery and the amplifiers ensuring rapid smooth current flow resulting in louder tighter bass and clean crisp midrange and treble. The built in digital voltage display constantly and accurately displays the systems DC voltage. An all new VIBE power distribution block is built into the top of the capacitor to allow easy wiring into the system and also will allow 3 amplifiers to be wired directly to the capacitor for maximum current flow to the amplifiers.

**Model: PC15**



**delta box**

The Deltabox line driver is the ideal solution for those looking to install multiple amplifiers from a single RCA preout. Most people use RCA "Y" splitters for this task unaware of the signal degradation caused. The Deltabox not only divides the signal but also isolates and boosts the signal up to a maximum of 9 volts independently for each of the 3 output channels giving much cleaner sound and excellent signal to noise ratio. For SPL competition the Deltabox is an essential tool as each of the outputs can be split 4 times giving control of 12 amplifiers from a single gain enabling precise adjustment of the system without having to reset every amplifier individually. Additionally if your headunit has a weak preout or you wish to run multiple amps but only have one output the Deltabox™ is your ideal solution. **Model: DELTABOX**



**FAST PLUG**

The VIBE FastPlug™ (pat. pending), is a product long overdue. Designed and developed by VIBE Engineers the plug offers safe, fast removal of your active bass enclosure (bass box) or amplifier. You may wish to remove your system for security reasons, or for the full use of your boot space, whatever the reason the VIBE FastPlug makes it easy and safe.

The plug is a heavy duty connector that connects positive, negative and remote wires. It is made up of 2 parts - one end to connect to your equipment and the other to your power source - made from high quality ABS plastic the device is tough and hard wearing. **Model: FASTPLUG**



### FLATLINES™ Power and Ground Cable

VIBE FlatLines™ power cable has been developed to maximise voltage transfer from battery to amplifier - The cable has 2 main lines running side by side which are made up of fine copper strands - This design makes the cable flat allowing us to make very slim heavy duty power cable which is highly flexible easing installation.

Available in: system kits, by the roll or by the metre

**Model: FLATLINES 8 PWR - 8gauge red power cable Model: FLATLINES 8 GND - 8gauge black power cable**

**Model: FLATLINES 4 PWR - 4gauge red power cable Model: FLATLINES 4 PWR - 4gauge red power cable**

**Model: FLATLINES 0 PWR - 0gauge red power cable Model: FLATLINES 0 GND - 0gauge black power cable**



### FLATSTEREO™ High Definition full range Interconnect

The VIBE FLATSTEREO RCA is an OFC high definition full range interconnect - delivering the fullest signal possible from source to amplifier - the cable make up has been developed to run flat with left and right cables running parallel both with individual screening but sharing an outer FLAT jacket easing installations.

Available in:

**Model: FlatStereo RCA 1m - 1 metre full range interconnect**

**Model: FlatStereo RCA 5m - 5 metre full range interconnect**



### FLATBASS™ - SolidCore™ Bass interconnect

The VIBE FLATBASS™ interconnect has been specifically developed for use in BASS SYSTEMS - the cable make up has a unique super FLAT™ design easing installation - Its trick ingredient is oversized SolidCore™ OFC signal wires - allowing a heavier voltage to be passed down the cable. This is the central wire that carries the main signal from source to amplifier.

Available in:

**Model: FlatBass RCA 1m - 1 metre BASS interconnect**

**Model: FlatBass RCA 5m - 5 metre BASS interconnect**



### FLATFLEX™ High Definition speaker cable

The delivery of power and signal to the speaker is the final CriticalLink™ in any audio system - VIBE's FlatFlex OFC high definition speaker cable is produced from super fine OFC copper strands collectively picking up all the detail in your music - the multi strands are aligned in a row making the cable super FLAT™ which can be run invisibly under carpets.

Available in:

**Model: FlatFlex 16 SPK - 16 gauge High definition flat flexible speaker cable**

**Model: FlatFlex 12 SPK - 12 gauge High definition flat flexible speaker cable**