OWNERS MANUAL

Slick Stereo 2
Model: SLICKSTEREO2-V1

Slick Stereo 4
Model: SLICKSTEREO4-V1

Slick Bass 1
Model: SLICKBASS1-V1

Slick Channel 5
Model: SLICKCHANNEL5-V1

www.vibeaudio.co.uk

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

OWNERS MANUAL

Congratulations on purchasing your VIBE amplifier. Please read this manual in order to fully understand how to get the best results from this product and ensure that all advice on how to look after the product is followed.

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

ATTENTION

An aftermarket audio amplifier will place an additional load on the vehicles charging system.

Most modern vehicles have sufficient capacity in the charging system as not all the electrical components of the vehicle will be switched on at once.

Check the fuse rating of the amplifier and use this as the peak current requirement.
Generally the continuous current draw will be a third of the peak current.

WARNING

Durning the normal use of this amplifier the heatsink may become very hot.
Please do not touch during or immediately after use.

Please ensure that when installing this product the heatsink will not come into contact with any materials that may be damaged by heat such as upholstery or plastics.

LIMITED WARRANTY

All VIBE products carry a full 12 months warranty, valid from the date of the original receipt and 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 are 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, 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 and no costs will be occurred.

A full description of VIBE's warranty information can be found on our website:
WWW.VIBEAUDIO.CO.UK/WARRANTY

WHAT IS NOT COVERED

- Damage to product due to improper installation
- Subsequent damage to other components
- Damage caused by exposure to moisture, excessive heat, chemical cleaners and/or UV radiation
- Damage through negligence, misuse, accident or abuse, repeated returns for the same fault may be considered abuse
- Any cost or expense related to the cost of removal or re-installation of the product
- Damage caused by amplifier clipping or distortion
- Items repaired or modified by any unauthorized repair facility
- Return shipping on non defective items
- Products returned without a returns authorization number
- Damage to product due to the use of sealant

INTERNATIONAL WARRANTY

Contact your International VIBE audio dealer or distributor concerning specific procedures for your country's warranty policies.

WARNING

VIBE equipment is capable of sound pressure levels that can cause permanent damage to your hearing and those around you. Please use common sense when listening to your home audio system and practice safe sound.

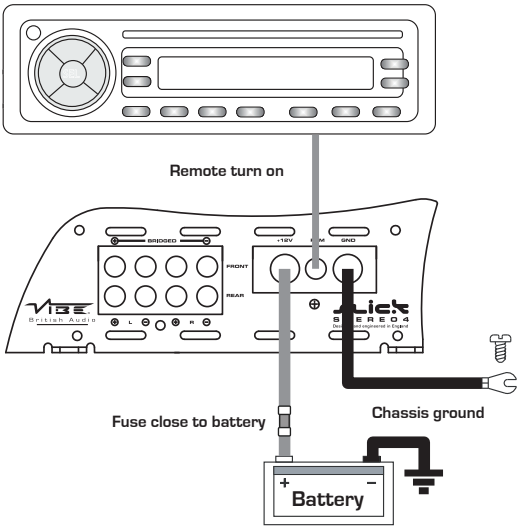
MOUNTING GUIDELINES

Your VIBE amplifier is designed with a swift installation routine in mind.

Please mount the amplifier in a dry location on a solid surface.
NEVER mount the amplifier upside down as this will cause the amplifier to over heat and will eventually damage the amplifier.

Before fixing the amplifier in place please ensure that there is sufficient air flow around the exterior of the casing, at least two inches is sufficient.

POWER CONNECTIONS



POWER CABLE

• At least 8 gauge cable 8 gauge cable should be used for the power connection to the amplifier.

• The power cable should be taken directly from the battery. Rubber grommets should be used when passing through any bulkheads to prevent the cable from becoming chaffed or cut.

• It is vital that a fuse / circuit breaker (of at least equal value to the one fitted on the amplifier) is placed inline with the power cable and is no further than eighteen inches away from the battery.

• Please ensure that the fuse is not fitted until the entire installation procedure is complete.

• The two tables overleaf are to help you decide on what cable is correct for you. The first enables you to select the size of cable depending on the length required. The second will help you convert the cable size from American Wire Gauge to Metric and Imperial if you need to.

CONNECTIONS

	Length of Run							
Current demand	0 – 4 Ft	4 – 7 Ft	7 – 10 Ft	10 – 13 Ft	13 – 16 Ft	16 – 19 Ft	19 – 22 Ft	22 – 28 Ft
0–20 amps	14	12	12	10	10	8	8	8
20–35 amps	12	10	8	8	6	6	6	4
35–50 amps	10	8	8	6	4	4	4	4
50–65 amps	8	8	6	4	4	4	4	2
65–85 amps	6	6	4	4	2	2	2	0
85–105 amps	6	6	4	2	2	2	2	0
105–125 amps	4	4	4	2	0	0	0	0
125–150 amps	2	2	2	0	0	0	0	0

AWG to Metric and Imperial Conversion Chart cross sectional area			
AWG Number	Inch	mm	mm^2
0	0.325	8.25	53.5
1	0.289	7.35	42.4
2	0.258	6.54	33.6
3	0.229	5.83	26.7
4	0.204	5.19	21.1
5	0.182	4.62	16.8
6	0.162	4.11	13.3
7	0.144	3.66	10.5
8	0.128	3.26	8.36
9	0.114	2.91	6.63
10	0.102	2.59	5.26

GROUND CABLE

• At least 8 gauge cable should be used for the ground connection to the amplifier.

•The amplifier ground should be connected directly to the chassis of the vehicle, to bare metal.

• The cable length should be kept to an absolute minimum.

• It is not recommended that you connect the ground cable to the vehicles seatbelts anchor point.

REMOTE TURN ON CABLE

• A minimum of 18 gauge cable should be used for this connection.

• The cable should be run with exactly the same care and attention as the power cable and taken back to the source (headunit) and joined to the remote cable provided.

• If the source (headunit) does not have a remote turn on cable then a 12v supply should be used. This will require a switch to be fitted inline to enable the amplifier to be turned on and off. Remember that if this switch is left on you will flatten the car battery.

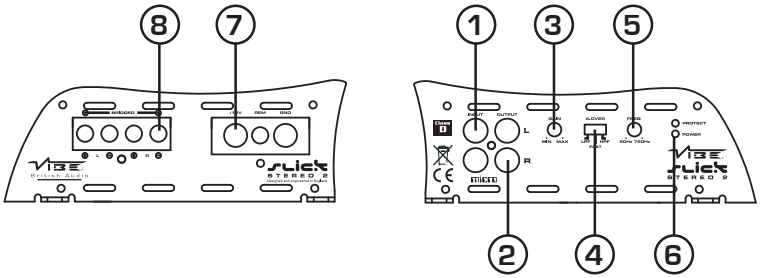
RCA CABLES

• Depending on the model number of your amplifier and the number of speakers you wish to power you will have to run either one, two or three RCA cables from the source to the amplifier.

• Please take extra care when running these cables from the source to the amplifier. Ensure that they are placed away from all items that can generate any interference, wiring harnesses etc.

• It is recommended that the RCA cables should be run on opposite sides of the car to the previously installed power cables if possible, to avoid the cable picking up interference.

TERMINALS AND CONNECTIONS



1. Low level input
For connection to any source (head unit) with a low level output. This is your RCA output from the source (headunit)

2. Low level output
RCA output used to connect an additional amplifier or audio device.

3. Gain control
This control is used to match the input signal of the source to the amplifier. See the setup section for more details.

4. Crossover mode select switch
This switch is used to select the crossover mode of the amplifier. FLAT is full range output, HPF is used to limit the amout of low frequency information passed to the speakers and LPF is used to limit the amount of high frequency information passed to the speakers.

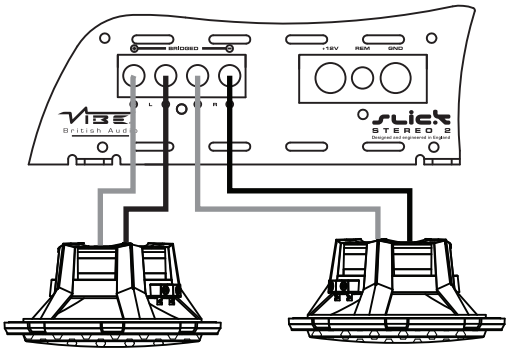
5. Crossover frequency control
This control is used to set the crossover frequency for the amplifier when HPF or LPF is selected. The frequency is adjustable between 50Hz and 750Hz.

6. Power / protect LED
If the amplifier is operating normally the green LED will illuminate.
If the amplifier is in protection mode the red LED will illuminate.

7. Power terminals
Used to connect DC power to the amplifier. See the power connection section for more details.

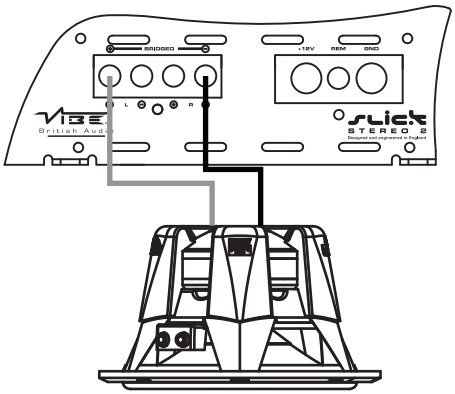
8. Speaker terminals
Used to connect the speaker wires to the amplifier. See the wiring configurations section for more details.

STEREO WIRING CONFIGURATION



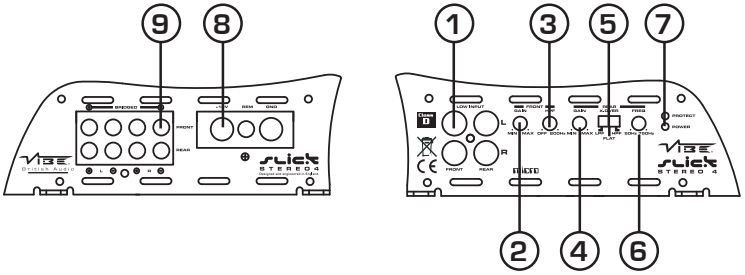
2 OHM MINIMUM

BRIDGED WIRING CONFIGURATION



4 OHM MINIMUM

TERMINALS AND CONNECTIONS



1. Low level input
For connection to any source (head unit) with a low level output. This is your RCA output from the source (headunit)

2. Front gain control
This control is used to match the input signal of the source to the front amplifier channel. See the setup section for more details.

3. Front crossover frequency control
This control is used to set the HPF crossover frequency for the front amplifier channel.
The frequency is adjustable between OFF and 200Hz.

4. Rear gain control
This control is used to match the input signal of the source to the rear amplifier channel. See the setup section for more details.

5. Rear crossover mode select switch
This switch is used to select the crossover mode of the amplifier. FLAT is full range output, HPF is used to limit the amout of low frequency information passed to the speakers and LPF is used to limit the amount of high frequency information passed to the speakers.

6. Crossover frequency control
This control is used to set the crossover frequency for the amplifier when HPF or LPF is selected.
The frequency is adjustable between 50Hz and 750Hz.

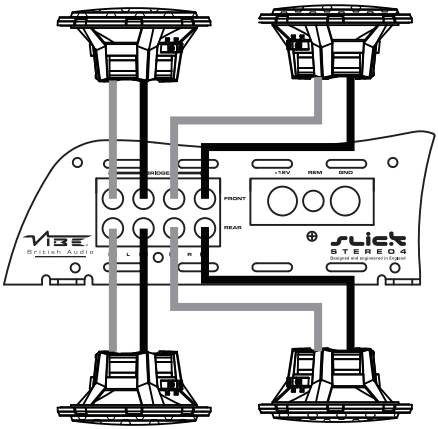
7. Power / protect LED
If the amplifier is operating normally the green LED will illuminate.
If the amplifier is in protection mode the red LED will illuminate.

8. Power terminals
Used to connect DC power to the amplifier. See the power connection section for more details.

9. Speaker terminals
Used to connect the speaker wires to the amplifier. See the wiring configurations section for more details.

4 CHANNEL WIRING CONFIGURATION

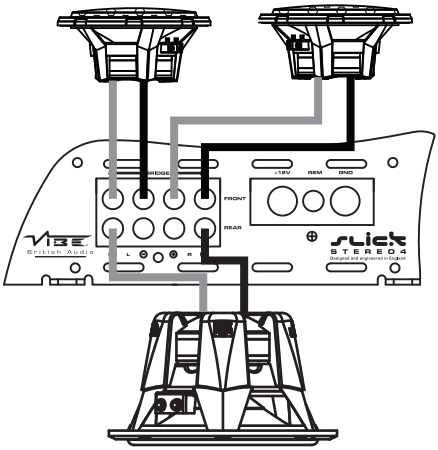
2 OHM MINIMUM



2 OHM MINIMUM

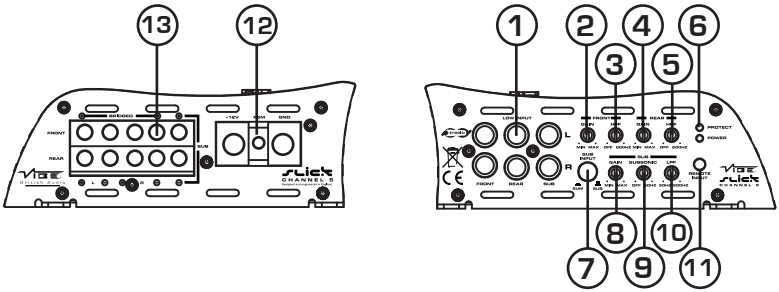
3 CHANNEL WIRING CONFIGURATION

2 OHM MINIMUM



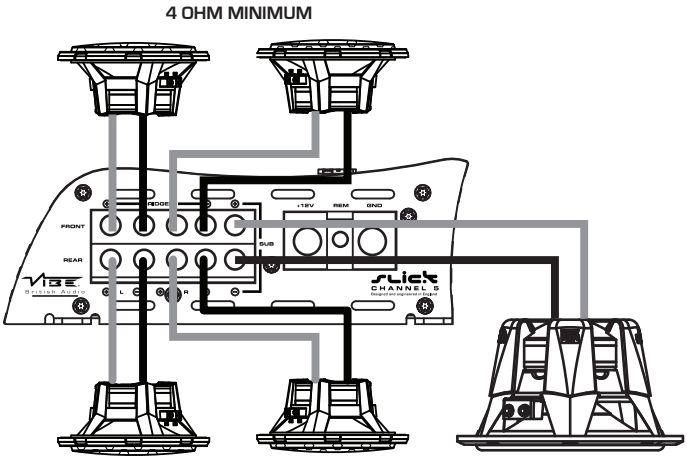
4 OHM MINIMUM

TERMINALS AND CONNECTIONS

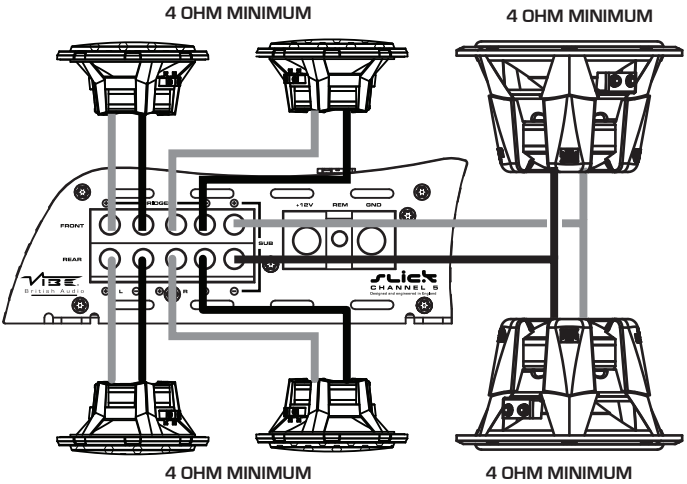


1. Low level input
For connection to any source (head unit) with a low level output. This is your RCA output from the source (headunit)
2. Front gain control
This control is used to match the input signal of the source to the front amplifier channel. See the setup section for more details.
3. Front crossover frequency control
This control is used to set the HPF crossover frequency for the front amplifier channel.
The frequency is adjustable between OFF and 200Hz.
4. Rear gain control
This control is used to match the input signal of the source to the rear amplifier channel. See the setup section for more details.
5. Rear crossover mode select switch
This switch is used to select the crossover mode of the amplifier. FLAT is full range output, HPF is used to limit the amout of low frequency information passed to the speakers and LPF is used to limit the amount of high frequency information passed to the speakers.
6. Power / protect LED
If the amplifier is operating normally the green LED will illuminate.
If the amplifier is in protection mode the red LED will illuminate.
7. SUM / SUB input
This switch is used to select the input to be used for the subwoofer. SUM setting will derive a signal from the rear channel input. The SUB setting will use a separate RCA input such as the subwoofer output on the source (headunit)
8. Subwoofer gain control
This control is used to match the input signal of the source to the subwoofer amplifier channel.
See the setup section for more details.
9. Subsonic filter
This control is used to set the subsonic filter which is used to limit the very low frequency information passed to the subwoofer. The frequency is adjustable between OFF and 50Hz.
10. Crossover frequency control
This control is used to set the LPF crossover frequency for the subwoofer amplifier channel.
The frequency is adjustable between 40Hz and 200Hz.
11. Remote control input socket
Used to connect the supplied remote level control.
12. Power terminals
Used to connect DC power to the amplifier. See the power connection section for more details.
13. Speaker terminals
Used to connect the speaker wires to the amplifier. See the wiring configurations section for more details.

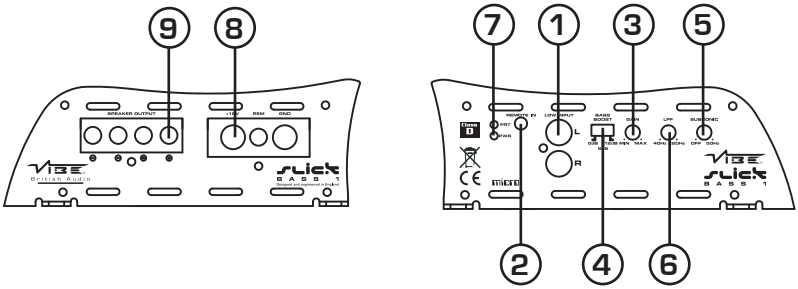
SINGLE SUBWOOFER WIRING CONFIGURATION



DUAL SUBWOOFER WIRING CONFIGURATION



TERMINALS AND CONNECTIONS



1. Low level input
For connection to any source (head unit) with a low level output. This is your RCA output from the source (headunit)

2. Remote control input socket
Used to connect the supplied remote level control.

3. Gain control
This control is used to match the input signal of the source to the subwoofer amplifier channel. See the setup section for more details.

4. Bass boost select switch
This control is used to set the amount of bass boost applied to the amplifier.
The options are 0dB, +6dB and +12dB.

5. Subsonic filter
This control is used to set the subsonic filter which is used to limit the very low frequency information passed to the subwoofer. The frequency is adjustable between OFF and 50Hz.

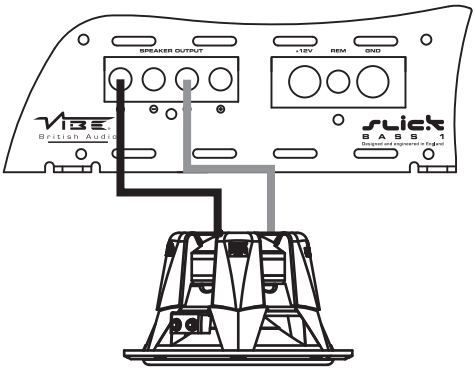
6. Crossover frequency control
This control is used to set the LPF crossover frequency for the subwoofer amplifier channel.
The frequency is adjustable between 40Hz and 220Hz.

7. Power / protect LED
If the amplifier is operating normally the green LED will illuminate.
If the amplifier is in protection mode the red LED will illuminate.

8. Power terminals
Used to connect DC power to the amplifier. See the power connection section for more details.

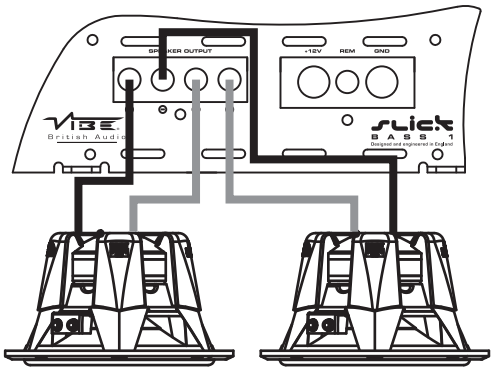
9. Speaker terminals
Used to connect the speaker wires to the amplifier. See the wiring configurations section for more details.

SINGLE SUBWOOFER WIRING CONFIGURATION



2 OHM MINIMUM

DUAL SUBWOOFER WIRING CONFIGURATION



4 OHM MINIMUM 4 OHM MINIMUM

SETUP GUIDE

To correctly set the gain control of the amplifier to match that of the source (headunit) use the following setup routine:

• Turn the gain control to minimum on the amplifier.

• Ensure the bass boost is set to 0 dB.

• Set all crossovers on the headunt (if applicable) to flat and both bass and treble to zero.

• Turn up the source (headunit) to approx 3/4 volume.

• Very slowly turn up the gain on the amplifier until distortion can be heard in any of the speakers or until the volume reaches an uncomfortable listening level when this is reached Turn the gain control down slightly.

The gain control is now set.

The setting of the crossover will depend on what kind of speaker you are installing.

For a subwoofer it is recommended that the crossover is set to Low pass and the frequency is set to match that of the speakers specifications, or your preferred frequency - this is usually around 60 - 120 Hz

For a pair of full range speakers it is recommended that the crossover is set to Flat.

The two frequency controls will then have no effect on the amplifiers output and the speaker will receive a full range signal.

Using the high pass crossovers will allow more control of your speakers by removing the bass (low frequencies).
The speakers can now perform at higher volumes with less distortion.

Note: The smaller the speaker, the less bass it can handle.

Adjust the crossover to get the most and best sound from your speakers, the easiest way to do this is by limiting the amount of bass you pass to them.

For a pair of speakers with a passive crossover it is recommended that the crossover is set to high pass and the frequency is set to match that of the speakers specifications. - This is usually around 40 - 120Hz

Note: By using the crossovers correctly you will not only lengthen the life of your speakers but you will also get better performance from them.

To optimise your setup seek the advise of a professional installation engineer or visit your local VIBE audio dealer.

SPECIFICATIONS

	Slick Stereo 2	Slick Stereo 4	Slick Bass 1	Slick Channel 5
Type	2 Channel	4 Channel	Mono Bass Amp	5 Channel
Height	2.3" (58mm)	2.3" (58mm)	2.3" (58mm)	2.3" (58mm)
Width	7.9" (201mm)	10.3" (261mm)	8.8" (218mm)	16.5" (420mm)
Depth	6.4" (163mm)	6.4" (163mm)	6.4" (163mm)	6.4" (163mm)
RMS @ 4 ohm stereo	2 x 75 watts	4 x 75 watts	N/A	4 x 90 watts
RMS @ 2 ohm stereo	2 x 100 watts	4 x 100 watts	N/A	N/A
RMS @ 4 ohm mono	1 x 200 watts	2 x 200 watts	1 x 400 watts	1 x 300 watts
RMS @ 2 ohm mono	N/A	N/A	1 x 600 watts	1 x 515 watts
Max power watts	400 watts	800 watts	1200 watts	1750 watts
Freq response	20Hz - 20kHz	20Hz - 20kHz	10Hz - 500Hz	20Hz - 20kHz
THD	0.1%	0.1%	0.1%	0.1%
Crossover type	HPF/LPF/FLAT	HPF/LPF/FLAT	LPF/Subsonic	HPF/LPF/FLAT
Crossover range	50Hz - 750Hz	50Hz - 750Hz	40Hz - 220Hz	50Hz - 200Hz

Technical Enquires
call 09067031420

Calls cost 50p per minute
call costs correct at date of publication (01/05/11)
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.

For more information and to register your warranty online, visit:
www.vibeaudio.co.uk/warranty

MODEL NUMBER:

SERIAL NUMBER:

PURCHASED FROM:

DATE OF PURCHASE:

VIBE CRITICAL™

CABLES & INTERCONNECTS

The CriticalLink™ range of FLAT 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.

For more product info see www.vibeaudio.co.uk/shop

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

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.

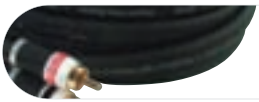
The plug is a heavy duty connector that connects positive, negative and remote wires. It is made up of 2 parts – one end to connect to your equipment and the other to your power source – made from high quality ABS plastic the device is tough and hard wearing. Model: FASTPLUG

FLATLINES™ Power and Ground Cable

VIBE FlatLines™ power cable has been developed to maximises 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 – VIBES 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

www.twitter.com/vibeaudio

www.facebook.com/vibeaudio

www.youtube.com/vibeaudio

www.vibeaudio.co.uk