

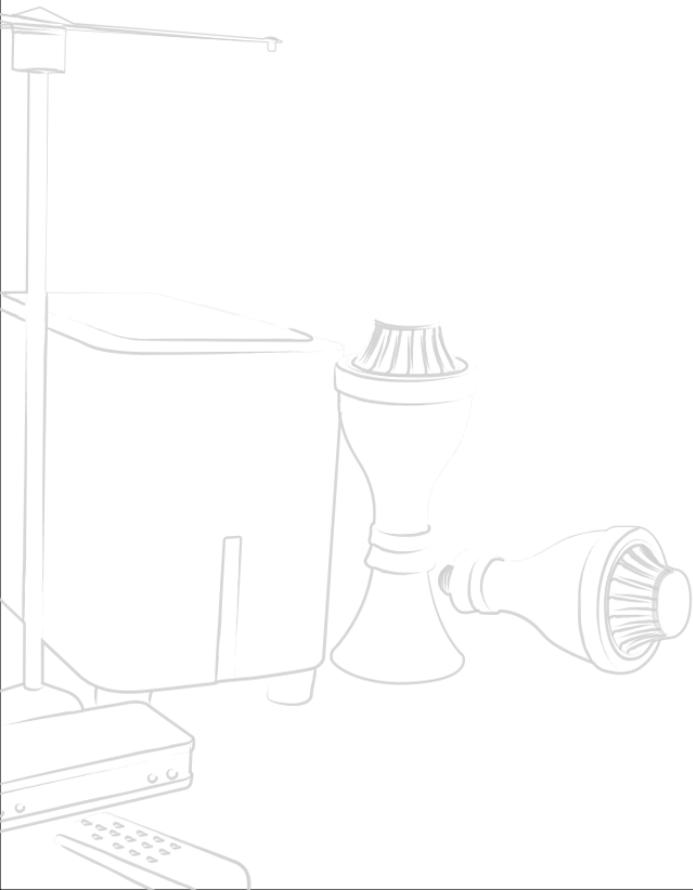


violet

COLOUR OF SURROUND

User Manual

Model Number: **ECHO-WS-01**



www.violet3d.com

Dear Customer,

Hearty congratulations on possessing a revolutionary 3D surround sound system which is completely wireless and extremely convenient to install and use.

This system is such that you can place the speakers wherever convenient and unlike conventional systems, there are no pre-fixed viewing/listening positions. The system can create theater like sound right in your home for you to enjoy music and movies along with your family and friends.

We sincerely hope, you will continue to enjoy the performance of this system for years to come. Should you need any clarification please do not hesitate to write to us. If you are satisfied with it, please do tell all your friends about it. We shall be happy to arrange demonstrations for them at their homes.

Kind regards,

Bhatia L. H.

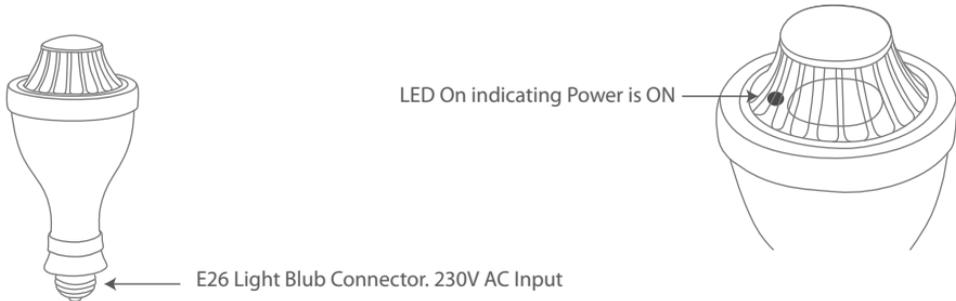
Chairman
SNAP Networks Pvt. Ltd

1	Understanding Your Product	3
1.1	Wireless Speakers	3
1.2	Speaker Stand	3
1.3	Wireless Sound Transmitter	4
1.4	Microphone	5
1.5	Wireless Remote Control	6
1.6	Wireless Subwoofer System	7
2	Unpacking & Assembly	8
2.1	Echo WS-01 Unpacking	8
2.2	Speaker Assembly	9
2.3	WSub-01 Unpacking	10
2.4	Power On Subwoofer	11
2.5	Power On Speakers	11
2.6	Speaker Placement	12
2.7	Microphone Assembly	13
3	Installation	14
3.1	Connect Microphone to Transmitter	14
3.2	Microphone Placement for System Characterization	15
3.3	Power On Transmitter	16
3.4	System Learning	16

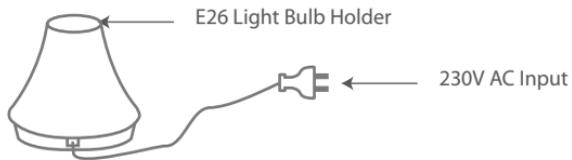
4	Connectors	18
	4.1 Front Side Connector	18
	4.2 Back Side Connector	19
5	Listen & Enjoy	20
6	LED Status Indicator	21
7	Connectors Description	21
	7.1 Connectors - Front Side	21
	7.2 Connectors - Back Side	22
8	Remote Control	23
9	Troubleshooting	24
	9.1 During Normal Usage	24
	9.2 During Learning	24
10	Caution	25
11	Warranty	26
12	Contact	27

I. Understanding Your Product

I.1 Wireless Speakers (henceforth called as a Speaker)

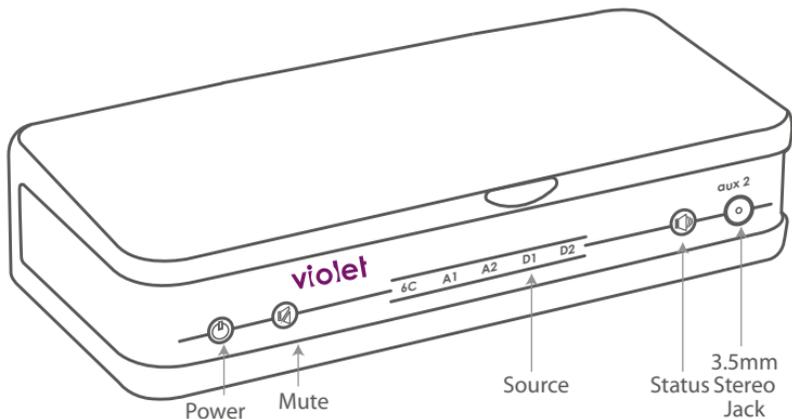


I.2 Speaker Stand

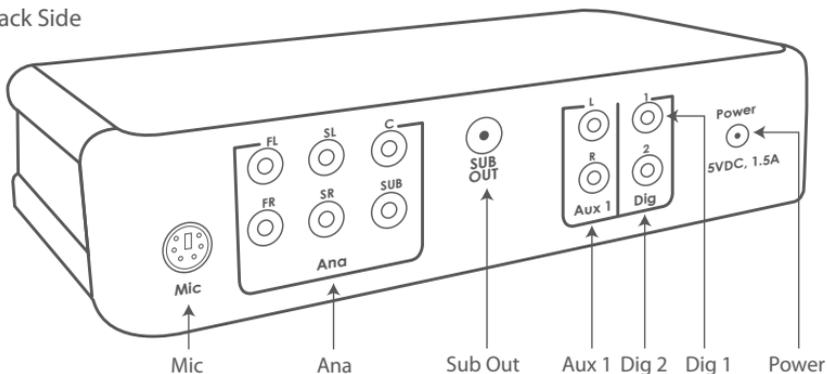


I.3. Wireless Sound Transmitter (henceforth called as Transmitter)

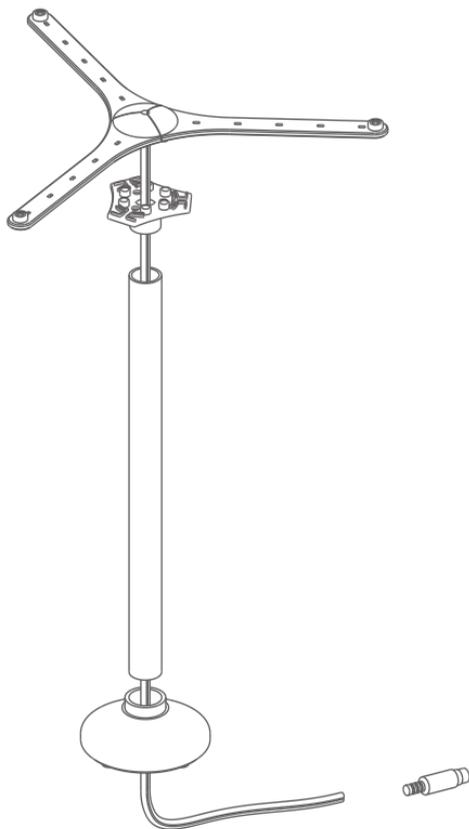
Front Side



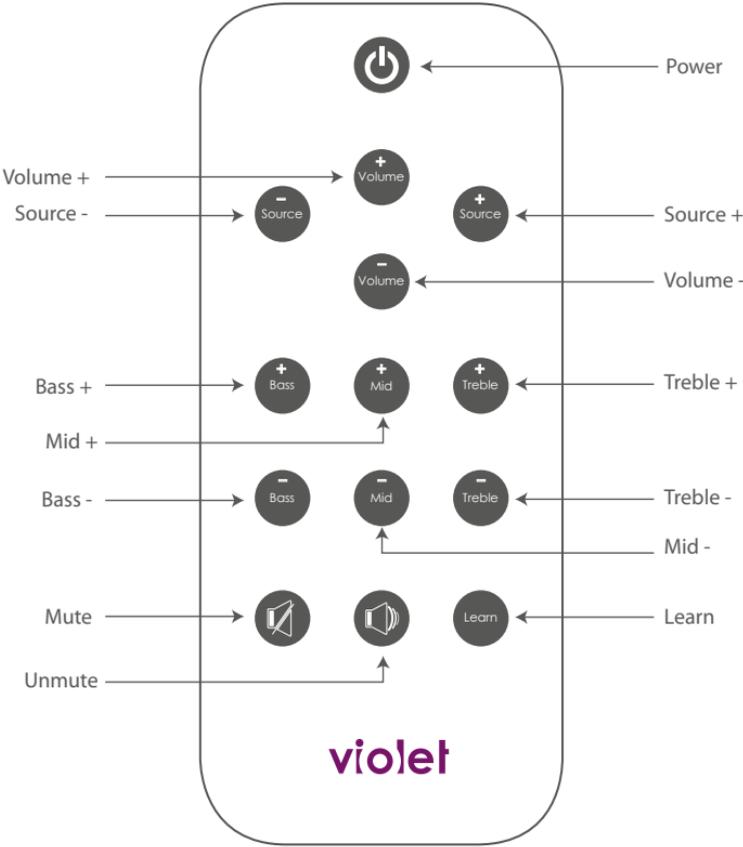
Back Side



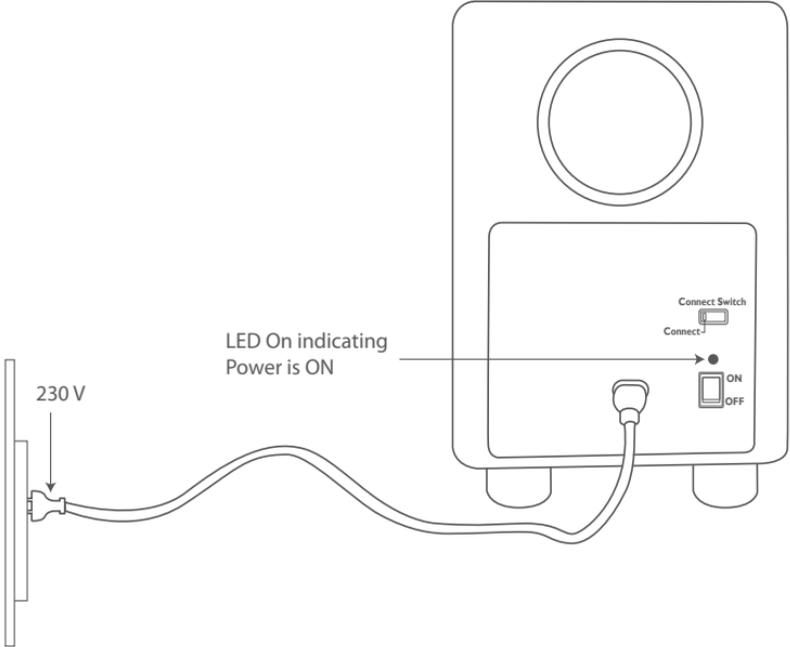
1.4 Microphone



1.5 Wireless Remote Control (henceforth called as Remote Control)



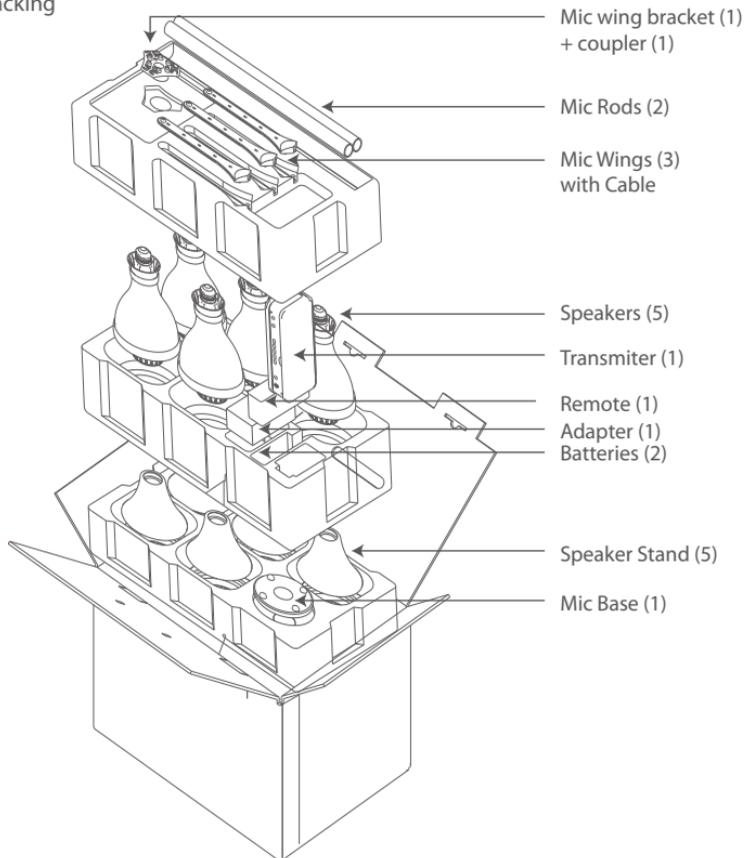
1.6 Wireless Subwoofer System



Note: Check LED is "ON" when connected to Power source

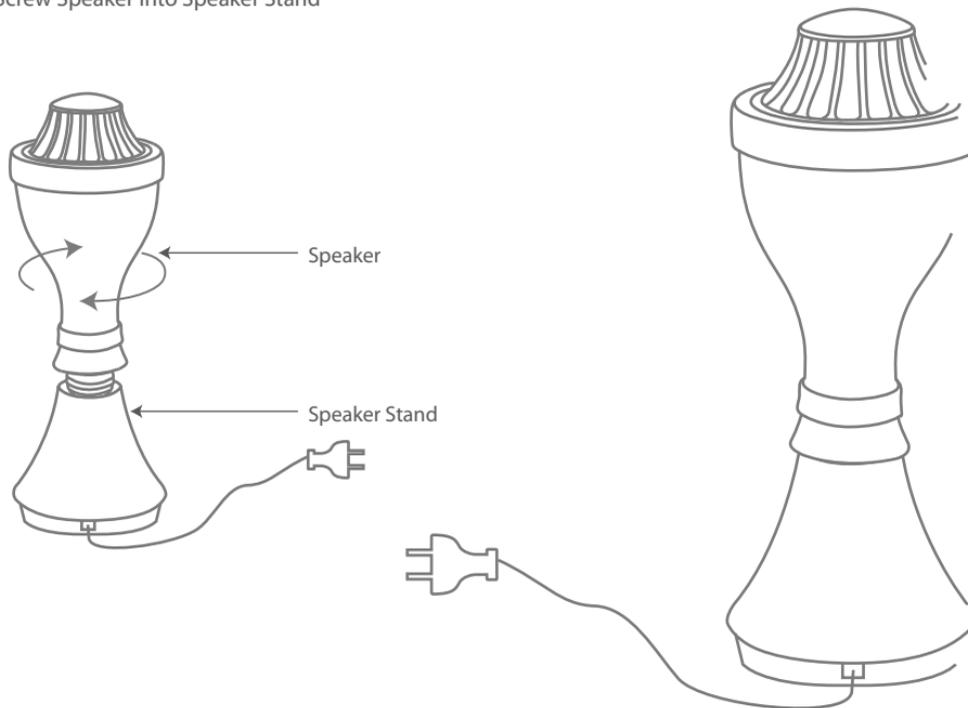
2. Unpacking & Assembly

2.1 Echo WS-01 Unpacking



2.2 Speaker Assembly

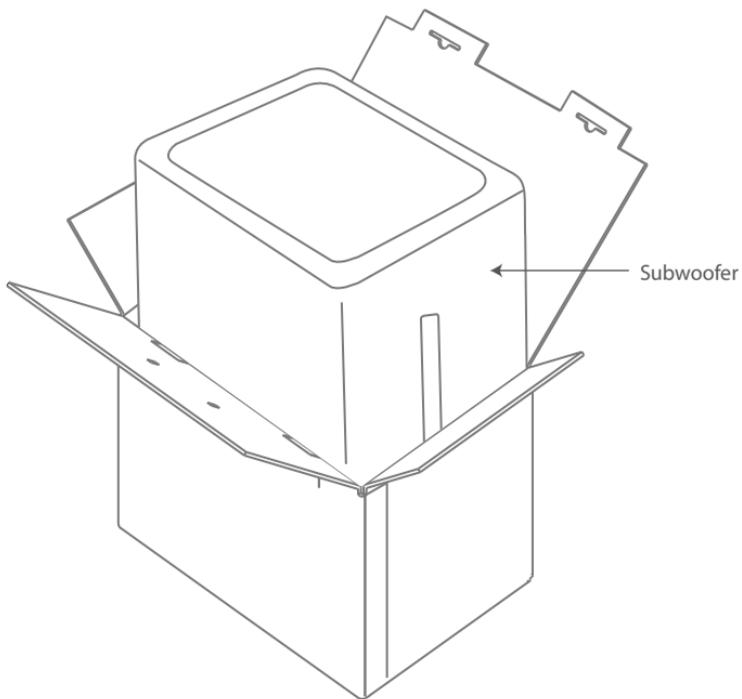
Screw Speaker into Speaker Stand



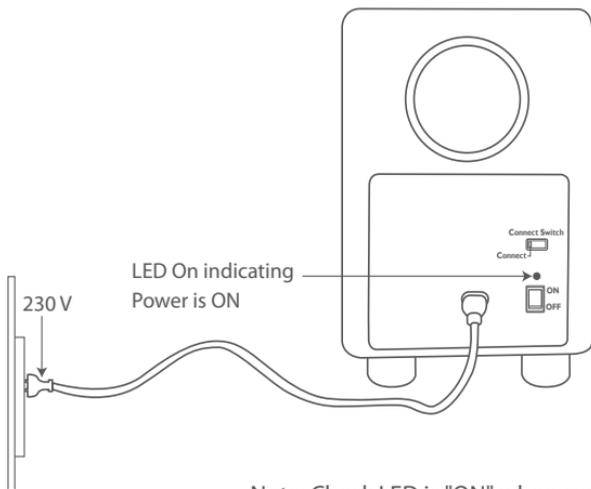
CAUTION!

Do not over-tighten the Speaker into Speaker Stand, doing this may damage the plug and sockets

2.3 WSub-01 Unpacking

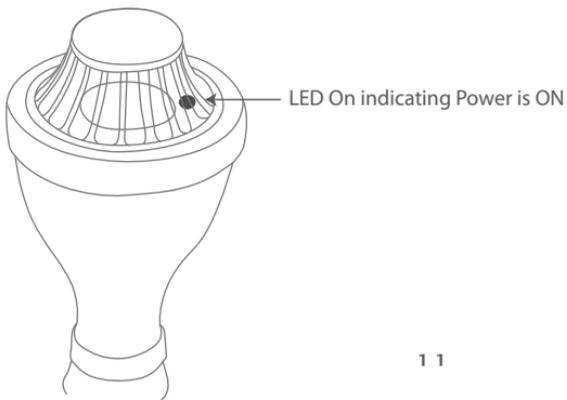


2.4 Power On Subwoofer

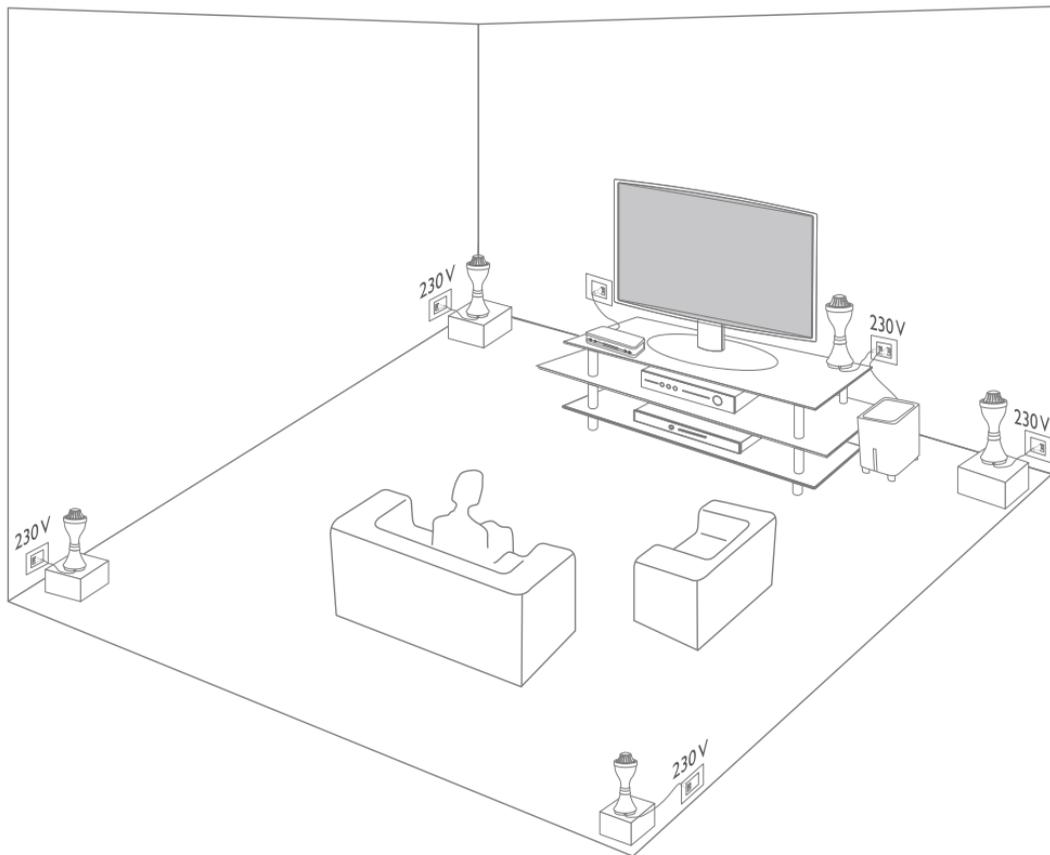


Note: Check LED is "ON" when connected to Power source

2.5 Power On Speakers



2.6 Speaker Placement



2.7 Microphone Assembly

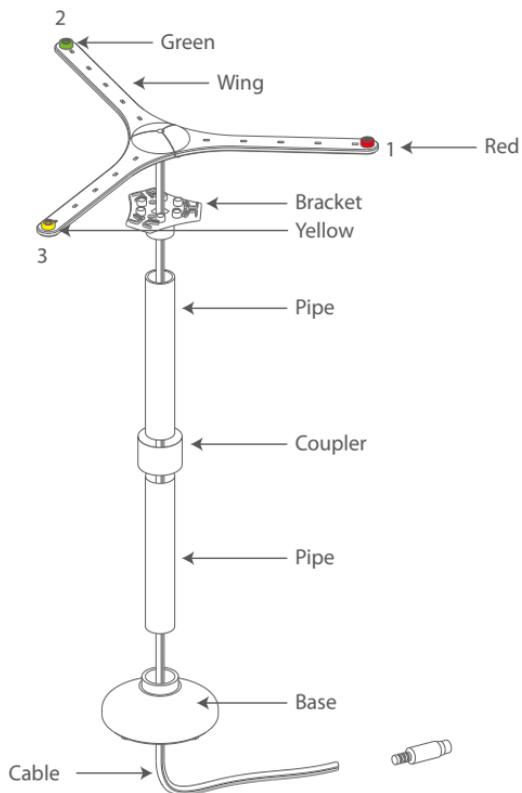
Step-1 : Wings with cable

Step-2 : Bracket

Step-3 : Pipe+ Coupler

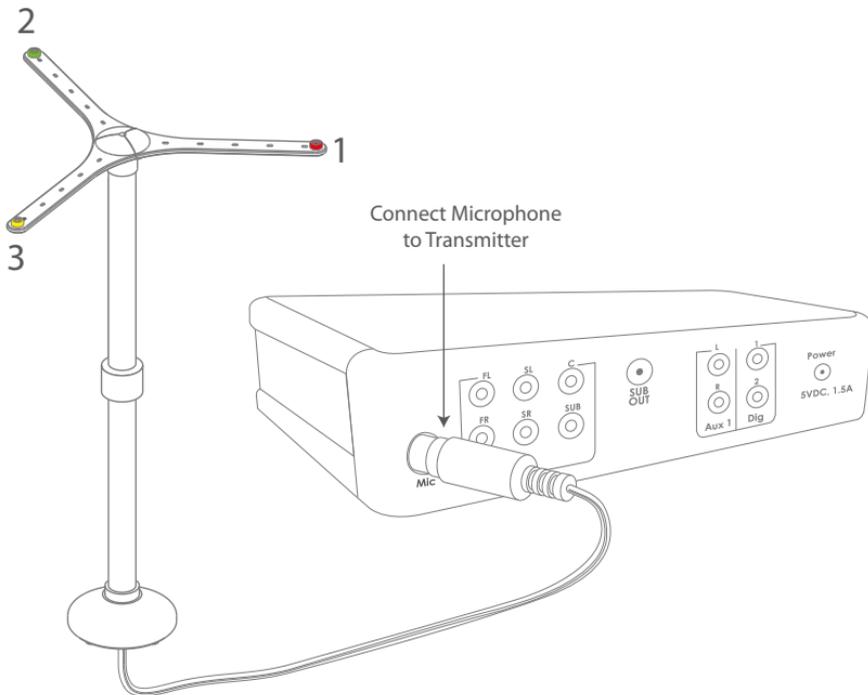
Step-4 : Base

1. Insert Wing 1, 2 and 3 into the Bracket in the sequence as shown in the figure
2. Insert the Cable through the Bracket, Pipe, Coupler and Base
3. Tighten/Fix the Pipes to the Bracket, Coupler and Base



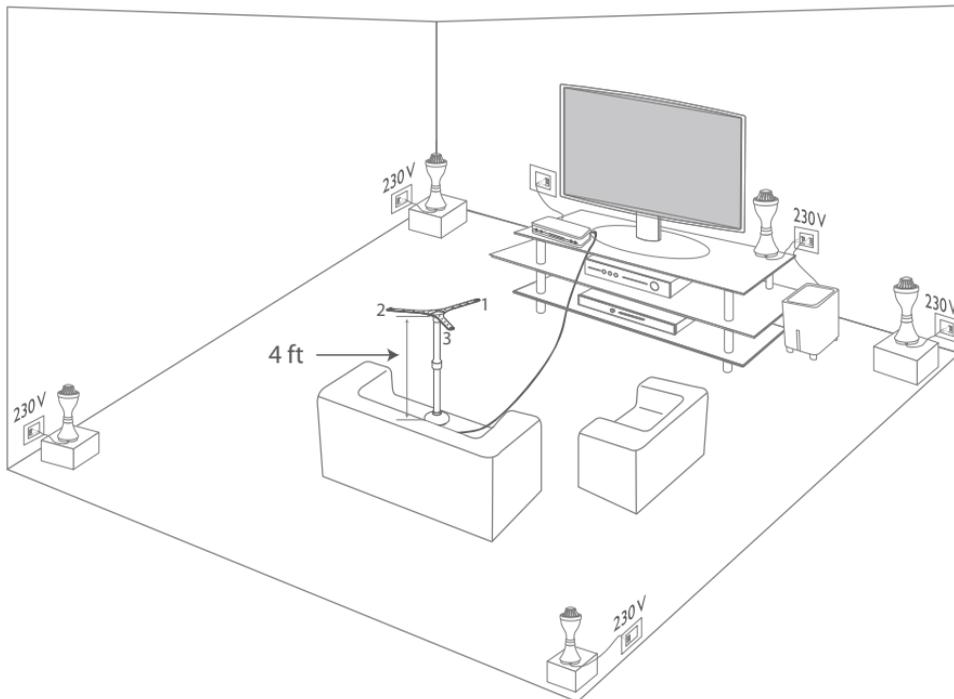
3. Installation

3.1 Connect Microphone to Transmitter

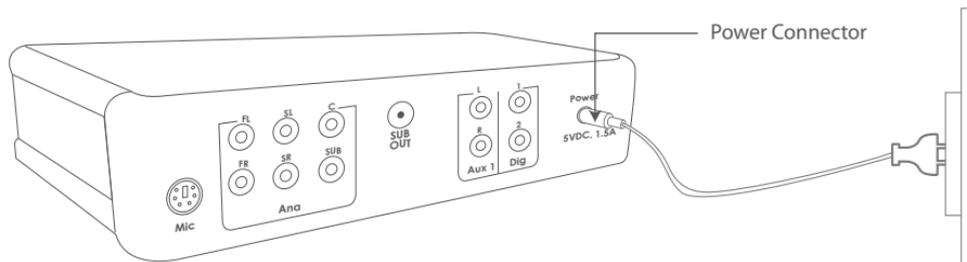


3.2 Microphone Placement for system characterization

- a) Place microphone close to listening position
- b) Wing 1 (Red) should point to the front (to TV) of the room
- c) Height should be around 4 ft. Place both rods with base on the floor or one rod with base on the sofa/couch or a table.
- d) All 5 speakers should be in line of sight of the microphone.

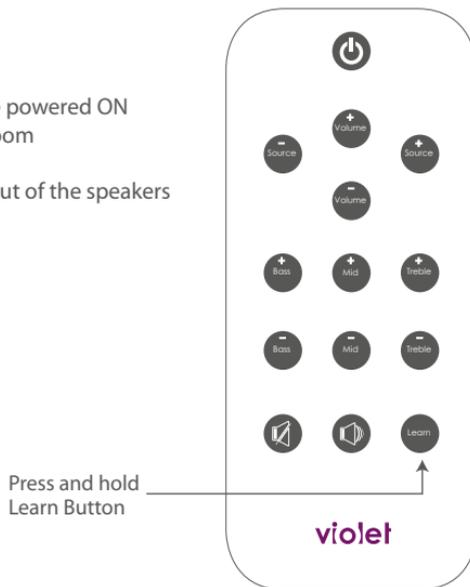


3.3 Power On Transmitter



3.4 System Learning

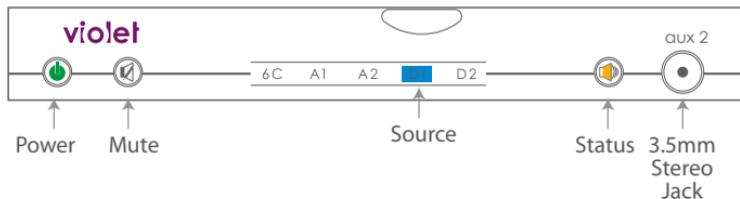
- Make sure steps 3.1 to 3.3 are completed
- Make sure all 5 speakers and subwoofer are powered ON
- Make sure there are no loud noises in the room
- Switch off any fans or air conditioners
- Be prepared for loud tones that will come out of the speakers



3.4.1 Press and hold the learn button on the remote control.

The status LED will start to blink Orange.

- Step aside such that you are NOT in between any speaker and the microphone.
- Make sure you can see the front of the transmitter.
- Keep quiet until the Orange Status LED stops blinking (2 minutes).

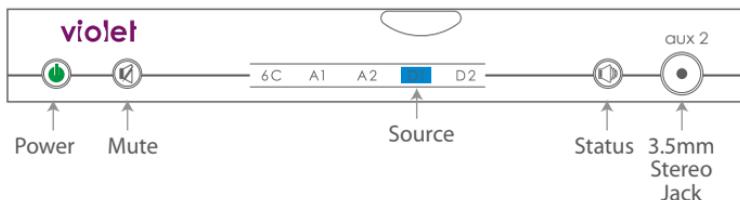


3.4.2 You will hear set of rapid tones from all speakers. Make sure you hear all five speakers and the subwoofer sound.

3.4.3 Observe the transmitter front panel for any error

- ERROR CASE: Blinking of Red Status LED and 'D1' for 10 sec. This indicates that the noise in the room is too loud for learning. Reduce room noise and start again.
- ERROR CASE: Blinking of Red Status LED and 'D2' for 10 sec. This indicates that the MIC has been damaged.
- ERROR CASE: Blinking of all source LED's and Red Status LED for 10 sec. This indicates that the MIC is not connected.

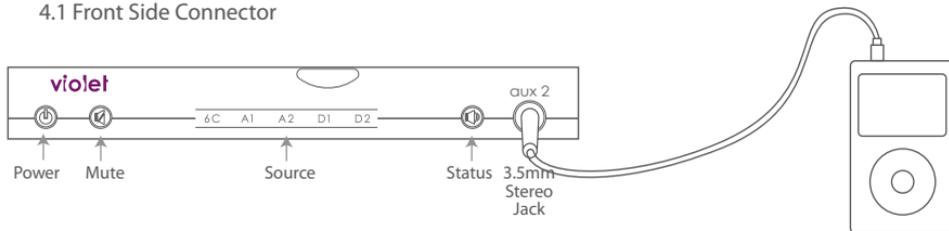
- 3.4.4 It will take 2 minutes to complete this process. The status LED will turn Green if the process is successful
- ERROR CASE: If Source LED's blinking, this indicates that the learning procedure did not complete successfully. So repeat the process.
 - In case above error happens repeatedly, please call your service center.



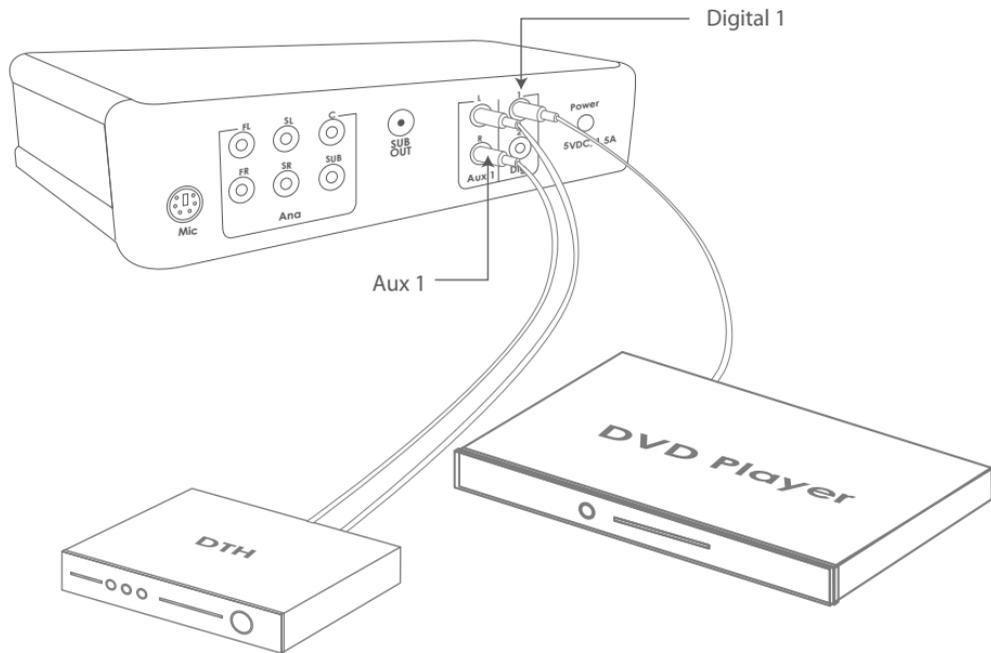
3.4.5 Disconnect the Mic, release the wings and store in the box.

4. Connectors

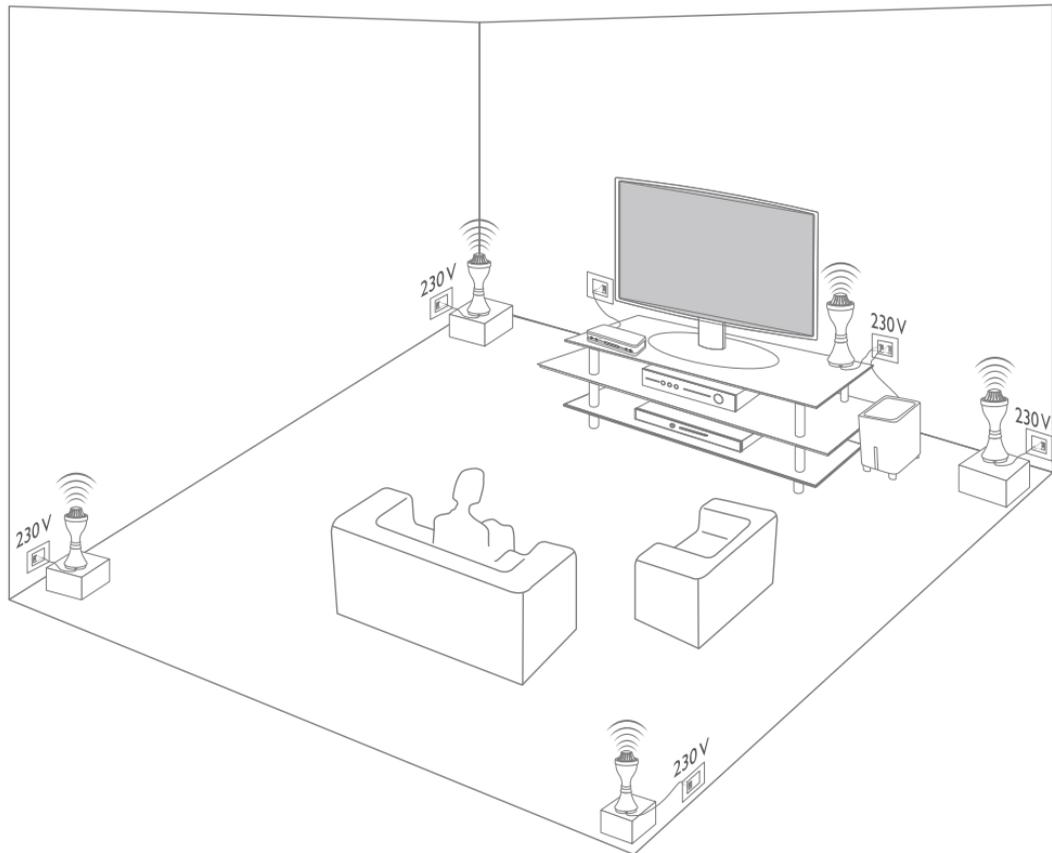
4.1 Front Side Connector



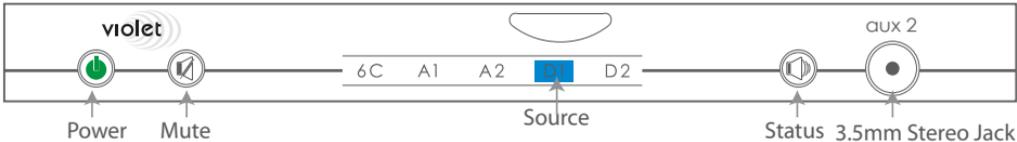
4.2 Back Side Connector



5. Listen & Enjoy



6. LED Status Indicators



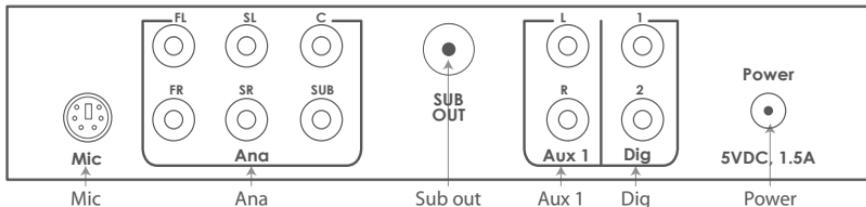
Led	Color	Indicator
Power	Green	Power On
	Orange	Standby
	Blinking Green	Remote Key Pressed
Mute	Orange	System Muted
	Off	System Is Unmuted
Source	6C Blue	Source Is Analog 6 Channel
	A1 Blue	Source Is Auxiliary Stereo (Back Panel)
	A2 Blue	Source Is Auxiliary Stereo (Front Panel)
	D1 Blue	Source Is Digital 1
	D2 Blue	Source Is Digital 2
Status	Green On	System Is Ok
	Blinking Red	Speaker Is Not Powered On
	Blinking Orange	System Is Learning
Notes	Blinking Of Red Status LED and D1 For 10 Sec	Indicates 'Noise' Error During Learning
	Blinking Of Red Status LED and D2 For 10 Sec	Indicates 'Microphone' Error During Learning
	Blinking Of All Source LED's and Red Status LED For 10 Sec	Indicates No Mic Connected

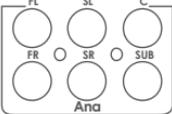
7. Connectors Description

7.1 Connectors - Front Side

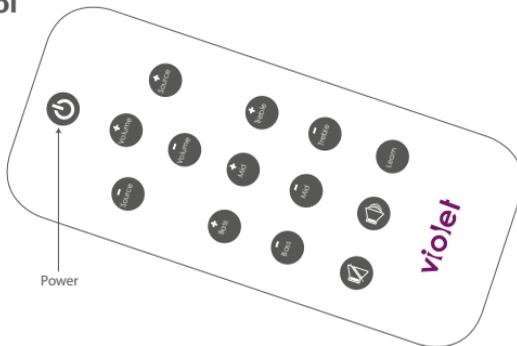
Connector	Type	Signal Specs	Function
aux2	3.5mm Stereo	Input, Line Level, 3.3V Max	Connect Line Level stereo audio signal from audio source

7.2 Connectors - Back Side



Connector	Type	Signal Specs	Function
Mic	Proprietary, Specific To Violet	Input (Mic Level)	Connect Mic Input Here. Care Should Be Taken While Connecting Since Connector Plugs In Only One Orientation. Mic Should Be Disconnected After Learning Is Complete (Caution: Do not connect non-Violet MIC)
Ana	RCA	Input, Line Level, 3.3v Max	Connect Line Level 5.1 Decoded Audio Signal From Source Such As Dvd Player. FL > Front Left FR > Front Right SL > Surround Left SR > Surround Right C > Center Sub > Subwoofer 
Sub Out	RCA	Output, Line Level, 3.3v Max	Subwoofer Output To Connect To External Wired Active Subwoofer (Note: Ensure Wireless Sub-woofer Supplied With System Is Switched-off??)
Aux 1	RCA	Input, Line Level, 3.3v Max	Connect Line Level Stereo Audio Signal From Audio Source
Dig1	RCA, S/PDIF, Digital Coaxial	Input, Line Level, 3.3v Max	Connect Coaxial Digital (Spdif) Audio Signal From Source
Dig2	RCA, S/PDIF, Digital Coaxial	Input, Line Level, 3.3v Max	Connect Coaxial Digital (Spdif) Audio Signal From Source
Power	Power	Input, 5vdc 1.5A	(Note: Only Connect The Adaptor Supplied With This System)

8. Remote Control



Key	Symbol	Action	Function
Power		Press & Release	Power On -> Standby -> Power On
Source +		Press & Release	Source + => D1 -> D2 -> 6C-> A1 -> A2 -> D1
Source -		Press & Release	Source - => D1 -> A2 -> A1 -> 6C -> D2 -> D1
Volume +		Press & Release	Volume + => Increase Volume
Volume -		Press & Release	Volume - => Decrease Volume
Bass +		Press & Release	Bass + => Increase Bass Frequencies
Bass -		Press & Release	Bass - => Reduce Bass Frequencies
Mid +		Press & Release	Mid + => Increase Mid Frequencies
Mid -		Press & Release	Mid - => Reduce Mid Frequencies
Treble +		Press & Release	Treble + => Increase Treble Frequencies
Treble -		Press & Release	Treble - => Reduce Treble Frequencies
Mute		Press & Release	Mute the system
Unmute		Press & Release	Unmutes the system
Learn		Press & Hold (2 sec)	Start learning procedure

9. Troubleshooting

9.1 During Normal Usage

1. Status LED is RED or Blinking RED
 - If Status LED is Blinking RED, some speakers have been turned off.
2. Speech sound seems to come more from back than front
 - Repeat Learning procedure again.
3. There is no sound
 - Check connections & source
 - Check Mute Status
 - Try increasing the Volume
4. If no sound in speakers with digital source, make sure connector is connected with DVD player and RESET the transmitter once with the DVD player running.

9.2 During Learning

1. Blinking of Red Status LED and D1 for 10 sec.
 - This indicates that the noise in the room is too loud for learning. Reduce noise and start again.
2. Blinking of Red Status LED and D2 for 10 sec.
 - This indicates that there is something wrong with the microphone. Please call your service center.
3. Blinking of all Source LED's and Red Status LED for 10 sec.
 - This indicates that microphone is not connected. If this repeats Please call your service center.
4. If Source LED is blinking.
 - Learning procedure did not complete successfully. Repeat the process. In case error happens repeatedly, call your service center.



10. Caution

- | | |
|------------|--|
| Caution 1: | To reduce the risks of electric shock do not open device. No user-serviceable parts inside, refer servicing to qualified service personnel. |
| Caution 2: | The speaker system is not intended for use by children without supervision. |
| Caution 3: | The system should not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on any part of the system. |
| Caution 4: | To prevent fire or electric shock hazard, do not expose this product to rain or moisture. |

SAFETY WARNINGS:

AC-DC ADAPTER WARNING:

- To reduce risk of electric shock, do not expose AC adapter to rain, moisture, liquid, or heat sources (e.g. radiators, heat registers, stoves, amplifiers, etc).
- AC-DC adapter is for indoor use only.
- Do not use any other AC-DC adapter with the product.
- Do not use a damaged AC-DC adapter or attempt to repair one.
- Inspect AC-DC adapter regularly for cable, plug, or casing damage.

POWER CORD WARNING:

- If the system is supplied with an extension cord or an electrical portable outlet device, the extension cord or electrical portable outlet device must be positioned so that it is not subject to splashing or ingress of moisture.
- It is recommended that most appliances be placed on a dedicated circuit. That is, a single power outlet component which powers only that appliance and has no additional outlets or branch circuits.
- Protect the power cord from physical or mechanical abuse such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets and point where the cord is connected.
- Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, damaged or cracked wire insulations are dangerous, Any of these conditions could result

BATTERY WARNING:

- Risk of explosion and personal injury if batteries are replaced by incorrect type in Violet remote control.
- Do not open, mutilate, or expose to conducting materials (metal), moisture, liquid, fire, or heat (above 54°C or 130°F). Doing so may cause batteries to leak or explode, resulting in personal injury.
- Dispose of spent, leaking, or damaged batteries according to manufacture instructions and local laws.
- Store away from children in a cool, dry place at room temperature.

11. Warranty

Limited warranty:

SNAP Networks warrants that your product hardware shall be free from defects in material and workmanship **for one year**, beginning from the date of purchase. Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser. This warranty gives you specific legal rights and you may also have other rights that vary under local law.

This warranty does not cover problems or damage resulting from (1) Accident, lightning, water, fire, heat, abuse, and misapplication or any unauthorized repair, modification or disassembly, (2) Improper operation or maintenance, usage not in accordance with product instructions or connection to improper voltage supply, (3) The serial number is deleted, defaced or altered, or, (4) Use of consumables, such as replacement batteries, not supplied by SNAP Networks except where such restriction is prohibited by applicable law.

Remedies:

SNAP Networks entire liability and your exclusive remedy for any breach of warranty shall be at company option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as SNAP Networks may direct with a copy of the sales receipt and/or local warranty card. Shipping and handling charges may apply except where prohibited by applicable law. SNAP Networks may at its option, use new or refurbished or used parts in good working condition to repair or replace any hardware product. Any replacement hardware product will be warranted for at least the remainder of the warranty period.

How to obtain warranty support:

Before submitting warranty claim, we recommend you visit the support section at <http://www.violet3d.com> for technical assistance. Valid warranty claims are generally processed through the point of purchase during the first one year after purchase; however, this period of time may vary depending on where you purchased your product – please check with SNAP Networks or the retailer where you purchased your product for details.

Warranty claims that cannot be processed through the point of purchase and any other product related questions should be addressed directly to the company. The addresses and customer service contact information for SNAP Networks can be found in the documentation accompanying your product and on the web at <http://www.violet3d.com>.

Limitation of liability:

SNAP Networks shall not be liable for any special, indirect, incidental or consequential damages whatsoever, including but not limited to loss of profits, revenue or data (whether direct or indirect) or commercial loss for breach of any express or implied warranty on your product even if SNAP Networks has been advised of the possibility of such damages. Some jurisdictions do not allow the exclusion or limitation of special, indirect, incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Duration of implied warranties

Except to the extent prohibited by applicable law, any implied warranty or condition of merchantability or fitness for a particular purpose on this hardware product is limited in duration to the applicable limited warranty period for your product. Some jurisdictions do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

National statutory rights

Consumers have legal rights under applicable national legislation governing the sale of consumer goods. Such rights are not affected by the warranties in this Limited Warranty.

No other warranties

None of the SNAP Networks dealers, agents, or employees are authorized to make any modification, extension or addition to this warranty.

Contact Address:

Customer Care

SNAP Networks Pvt Ltd. 734, 1st Floor,

22nd Main, 12th Cross, JP Nagar Phase 2, Bangalore 560 078, India

Mob: +91 90081 01043. Email: customercare@snap-networks.com

www.violet3d.com

Contact Address:

Customer Care

VIOLET

734, 1st Floor, 22nd Main, 12th Cross, JP Nagar Phase 2, Bangalore 560 078, India

Mob: +91 90081 01043. Email: customercare@violet3d.com

www.violet3d.com

Contact Address:

Customer Care

VIOLET

#294/22,7th Cross, Jayanagar 1st Block, Bangalore 560011.

Mob: +91 90081 01043. Email: customercare@violet3d.com

www.violet3d.com

For further details contact :

Customer Care

VIOLET

#294/22,7th Cross, Jayanagar 1st Block, Bangalore 560011.

Mob: +91 90081 01043. Email: customercare@violet3d.com

www.violet3d.com