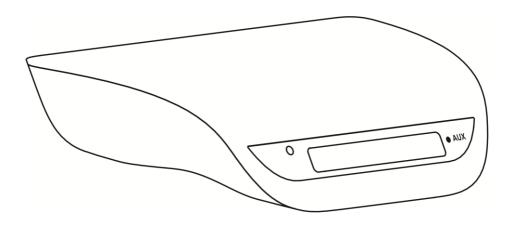


USER MANUAL Property of the control of the control

□ 201010 (PN - STD)
 □ 201011 (PN - AIB)
 □ 201012 (PN - BT)
 □ 201013 (PN - AIB - BT)
 □ 201020 (DW - STD)
 □ 201021 (DW - AIB)
 □ 201022 (DW - BT)
 □ 201023 (DW - AIB - BT)



Thank you for purchasing this product.

For optimum performance and safety, please read this manual carefully before operating this Console. Retain it for future reference.

Record the model number and serial number of this Console given in the label at the bottom side.

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1 IMPORTANT

1.1 Safety and important notice

1.1.1 Caution



- To reduce the risks of electric shock do not open device. No user-serviceable parts inside, refer servicing to qualified service personnel.
- The speaker system is not intended for use by children without supervision.
- 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.
- To prevent fire or electric shock hazard, do not expose this product to rain or moisture.

1.1.2 Warnings

1.1.2.1 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

1.1.2.2 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 in electrical failures or injury.

1.1.2.3 BATTERY WARNING

- Risk of explosion and personal injury are high if remote control batteries are replaced in an incorrect way.
- Do not open, mutilate, or expose to conducting materials (metal), moisture, liquid, fire, or heat (above 54oC or130oF). Doing so may cause batteries to leak or explode, resulting in personal injury.
- Dispose off spent, leaking, or damaged batteries according to manufacture instructions and local laws. Store batteries away from children, in a cool & dry place and at room temperature.

1.1.2.4 HDMI

- It is recommended that any HDMI cables used shall also be certified and of version 1.4 or higher so as to utilize all available HDMI features of the system.
- While connecting or disconnecting the HDMI cable make sure that Neo is powered off.
- Carefully align the HDMI OUT jack on the rear of the player and the HDMI connector by checking their shapes. Make sure the connector is not upside down or tilted.



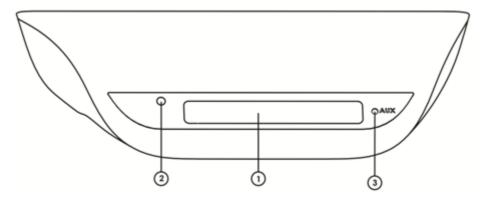


- Be sure to disconnect the HDMI cable when moving the devices.
- Hold the HDMI connector straight when connecting or disconnecting the HDMI cable. Do not twist or force the HDMI connector into the HDMI connector.

2 Guide To Parts & Controls

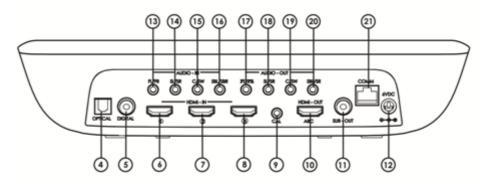
2.1 Wireless Audio Console (Neo)

2.1.1 Front panel



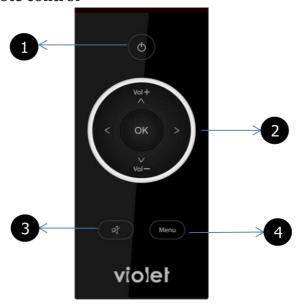
- 1 Fluorescent display
- (2) IR sensor
- (3) Auxiliary Stereo input (3.5mm connector)

2.1.2 Rear panel



- Optical input (TOS link cable)
- Coaxial input (RCA cable)
- HDMI input 1
- HDMI input 2
- HDMI input 3
- Calibration input (to be used only during setup)
- HDMI output
- Subwoofer output (RCA cable)
- Power input
- FL/FR Stereo input (3.5mm connector) for 8 channel analog
- SL/SR Stereo input (3.5mm connector) for 8 channel analog
- 567899112345658922 C/SUBW Stereo input (3.5mm connector) for 8 channel analog
- BL/BR Stereo input (3.5mm connector) for 8 channel analog
- FL/FR Stereo output (3.5mm connector) for 8 channel analog
- SL/SR Stereo output (3.5mm connector) for 8 channel analog
- C/SUBW Stereo output (3.5mm connector) for 8 channel analog
- BL/BR Stereo output (3.5mm connector) for 8 channel analog
- COMM port (for debug only)

2.2 Remote control



$\left(1\right)$	POWER	Turns on Neo or turns it off into Standby		
	THUMBSTICK (Up/Down/ Left/Right/OK)	VOL + / ^	Increase / Decrease Volume. Navigate display menus and change system settings to your preference.	
(2)		VOL - / v		
		>	Previous or next AV source	
		OK	Select	
$ 3\rangle$	MUTE/UNMUTE	Mute / Unmute aud	dio volume	
4	MENU	Enter / Exit Menu		

2.2.1 Replacing Remote batteries



- Open the battery compartment cover on the back and install the battery matching correct polarity (+ with + & - with -)
- Use battery CR2025
- Close the cover

2.3 Accessories

The following are provided along with Neo.

- AC/DC power adaptor
- HDMI cable
- Remote control (with battery installed)

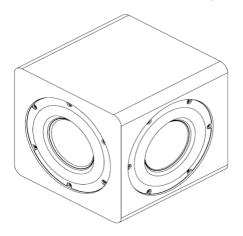
2.4 Speakers & Subwoofer to be used with Neo

2.4.1 Wireless Speakers

The main benefit of Violet home theater system is the flexible placement of speakers around the room to produce "Surround sound." The Violet system may have up to seven speakers (plus a subwoofer). Each speaker is powered by its own amplifier channel inside the unit.



2.5 Wireless Subwoofer (QB3)

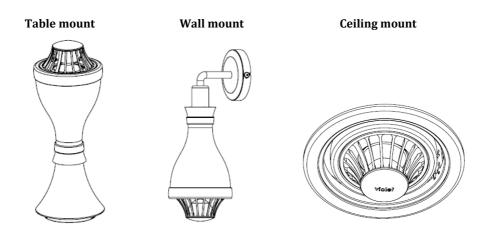


A subwoofer is designed to play only the lowest frequencies (the bass). It augments satellite speakers used for the other channels. You may use two subwoofers for additional power and even distribution of the sound.

2.5.1 Microphone

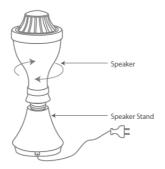


2.5.2 Available Speaker mounting accessories



3 Installation

3.1.1 Speaker Assembly (for Table mount)



3.1.2 Microphone Assembly

Step-1:

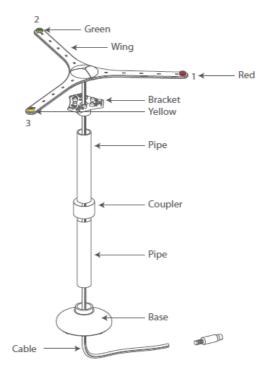
Wings with cable: Insert Wing 1, 2 and 3 into the Bracket in the sequence as shown in the figure

Step-2:

Bracket : Insert the Cable through the Bracket, Pipe, Coupler and Base

Step-3:

Pipe + Coupler + Base : Tighten/Fix the Pipes to the Bracket, Coupler and Base



3.1.3 Subwoofer settings

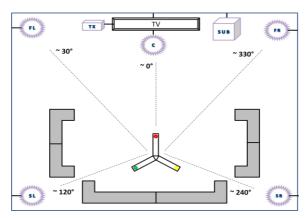


1	Volume	Increase/Decrease as per custom preference (typically kept at 50)
2	Phase	To be kept at 0 degree
3	Crossover Frequency	To be kept 200 Hz
4	Standby Feature	To be switched to 'Forced On'
5	Audio	In : Use only in case of Wired Subwoofer Out : Use to connect extra Subwoofer
6	Mains voltage selector switch	Keep it at 220V-240V for India, 110V-120V for US. For other countries please check local power ratings.
7	Power	Switch to turn ON or OFF the Subwoofer
8	Power AC~	Mains input (use the chord supplied)

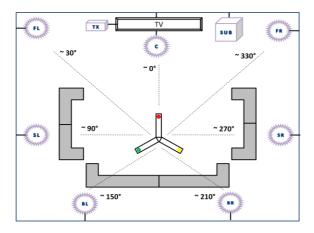
3.2 Placement

All Violet speakers are identical and can be placed at any position. Speakers typically inherit the channel names that they play in a home theater system.

3.2.1 Typical placement of a 5.1 system



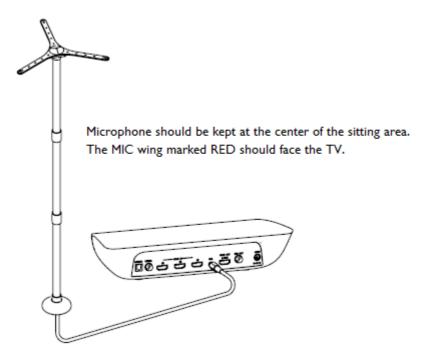
3.2.2 Typical placement of a 7.1 system



- Place Neo where it cannot be pushed, pulled or knocked down. Do not place it in an enclosed cabinet.
- Place Neo about a foot away from the TV. Do not place any other devices on top or below Neo. Allow adequate ventilation space around. Also make sure that Neo is not directly on metal.
- Place 3 speakers in the front, 2 (or 4) at the back, as far as possible in any of the possible mounting positions.
- Place the Microphone at center of the listening area with the MIC wings at ear-level.
- Place the subwoofer at the corner of the room preferably in the front at least a meter away from the TV.
- To avoid magnetic interference or unwanted noise, never place Neo or Speakers too close to any radiating devices (such as Microwave, Wireless routers, etc).

3.3 Setup

3.3.1 MIC connection



3.4 Auto-calibration

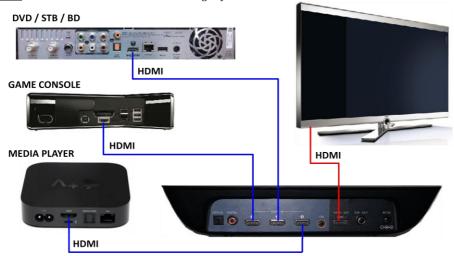
- Make sure
 - Speakers & Subwoofer are turned ON
 - No inputs are connected to Neo
 - o Speakers are in Line of sight with Microphone
- Turn ON Neo
- Press the following sequence of buttons on the Remote and follow the display instructions. Menu → OK → Up/Down till Calibrate → OK.
- Keep complete silence
- After a while, the number of Speakers & Subwoofer that have been powered on will be displayed. Please confirm pressing the OK key. Else press the MENU key and redo the Calibration.
- After this confirmation, the Speakers & Subwoofer would generate a set of sweep sound and the number of speakers & subwoofer will be re-checked. If during this process any Speaker or Subwoofer is not detected it is reported. Then please redo the Calibration.
- After this confirmation, the Speakers & Subwoofer would generate another set of sweep sound and follows it up with a period of silence during which the system would be completely calibrated.
- Information about the setup (speaker location, angle and distance) would now be available to the user. Check them. If duplicate speakers are reported (eg: 2 Front left with same parameters), then check that the MIC cable is inserted properly and RE-CALIBRATE.

3.5 Cable connections& Source settings

3.5.1 HDMI (AV sources & TV have HDMI)

Up to 3 AV sources can be connected to Neo over HDMI and the HDMI output from Neo can be connected to the TV.

NOTE: Make sure that the 'HDMI audio' setting in your AV source is turned ON.



3.5.2 Coaxial

In case your AV source does not have HDMI output or you have more than 3 AV sources with HDMI then the COAXIAL output can be connected to Neo. Video from the AV source can be connected to TV over HDMI or via other connections like Composite or Component.

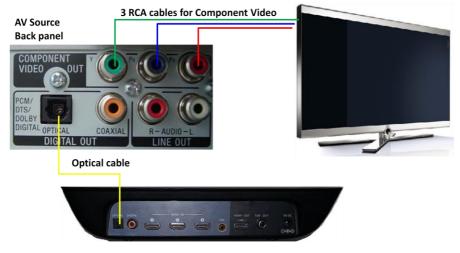
NOTE: If you have used HDMI to connect to TV make sure that the 'HDMI audio' setting in your AV source is turned OFF.



3.5.3 Optical

In case your AV source does not have HDMI output or you have more than 3 AV sources with HDMI then the OPTICAL output can be connected to Neo. Video from the AV source can be connected to TV over HDMI or via other connections like Composite or Component.

NOTE: If you have used HDMI to connect to TV make sure that the 'HDMI audio' setting in your AV source is turned OFF.



3.5.4 HDMI - ARC

In case your AV source for some reason is directly connected to TV (source not have any digital output, USB connected to TV, internet content from smart TV, etc) there is a possibility of getting audio from the TV to Neo via HDMI.

 $\underline{\text{NOTE}}$: For this your TV should support ARC and the HDMI port marked as ARC should be connected to HDMI output of Neo.



3.5.5 **Aux (Stereo)**

AV sources like Phone, MP3 players or other devices that give out Stereo audio can be connected to Neo.



3.5.6 Analog (8 Channel)

Some legacy sources that only provide multichannel Analog outputs can be connected to Neo if the optional Analog interface board is also purchased.



3.5.7 Wired Subwoofer

A wired subwoofer can be used in case there is a need to use a third party subwoofer or even if there is a need to boost up the subwoofer levels.



3.5.8 COMM (RJ11)

(For Debug purpose only, not to be connected)



4 USAGE

Select a source and get immersed in true coherent 3D sound.

4.1 Menu navigation& Audio settings

- MENU → OK gives various options to customize the Home Theater to your preference. Inside the Menu, the following options are valid.
- MENU button takes back one level
- OK either selects the current Menu option or shows Sub-Menu options
- UP / DOWN allows scrolling between Menu / Sub-Menu options

Menu →	Equalizer Audio Mode		Chose among various Preset equalizers or if you need a custom setting on Bass, Mid or Treble
			Chose among various Listening modes
	Stage Widening	Small	Artificially widen the sound stage to create an illusion of
		Large	spaciousness or Surround
System info Calibrate			Information about the system like number of Speakers, their angles & distance, etc
			For system calibration
	Swap Center/Su	ıbw	To swap the input content on Center & Subwoofer channels. This is required for some legacy AV sources that don't adhere to standard channel lineup convention.
	HDMI-CEC	ON OFF	To turn ON/OFF the CEC functionality over HDMI
	Restore Default		Restores the Audio defaults of the system like Audio mode, Bass level, etc

Equalizer	\rightarrow	Off			No preset equalizer
		Speech			Equalizer preset for Speech
		Custom	\rightarrow	Bass	
				Mid	Custom settings of Equalizer
				Treble	

	Multi-Stereo	or news but want to cover a larger area or require higher volume levels. All input content of left channels are combined and directed to all speakers on the left and all input content of right channels are combined and directed to all speakers on the right.
	Multi-Mono	All output is directed to a single channel and that is played on all speakers. Select this mode when you listen to talk shows
	Surround	Output is directed accordingly to different speakers. Select this to reproduce the theater effect at home.
Audio Mode →	Front	All output is directed to the front left/right/center speakers. Low frequencies are directed to the subwoofer if one is present. Select this mode when you wish to listen to a stereo production, such as music CD without surround enhancement.

4.2 Audio information

Neo supports only Dolby Digital and PCM formats of Audio. It is recommended that the AV source settings are set to either Dolby Digital or to multi-channel PCM.

4.3 HDMI information

4.3.1 Recommendation

For using all supported features of the Violet system it is recommended that all devices (STB, DVD/BD players, TV, etc) including cables are HDMI certified.

4.3.2 Connections

Refer to Section 3.5

4.3.3 Supported features

4.3.3.1 Control (CEC)

CEC stands for Consumer Electronics Control which allows HDMI devices to control each other. Furthermore, it allows user to operate multiple HDMI devices (TV, DVD, Neo, etc) with just one remote control.

The below operations can be performed on all devices connected via HDMI from a single remote (TV, DVD, BD, STB)

- Power up or put to Standby
- Playback control (Play, Pause, Stop)
- Volume control (Increase, Decrease, Mute, Unmute)
- Menu navigation of AV source
- Audio routing (TV speakers or Neo)

4.3.3.2 Audio return channel (ARC)

With Audio Return Channel Neo can receive audio on the HDMI out cable from a TV (with HDMI ARC) that takes a non HDMI input without the need to connect the AV source to Neo.

This direction is used when the TV is the one that generates or receives the AV stream instead of Neo. A typical case is the reception of ATSC or DVB signals by a TV. Without ARC, the audio output from the TV needs to be routed by another cable, typically TOS-Link or Coaxial or RCA, into Neo.

4.3.3.3 HDMI Bypass to TV

HDMI audio can be played on (bypassed to) the TV speakers when Neo is put to Standby. This option may be used when surround audio is not required. Bringing the Neo out of Standby brings the audio back on the Neo speakers.

5 TROUBLESHOOTING

5.1 Neo display errors

RE-CALIBRATE	System needs Calibration.
SPKR NOT FOUND	One or many of the Speakers or Subwoofer might be turned off or out of the wireless range of Neo.
NEW SPKR FOUND	A new Speaker or Subwoofer might be added to the already Calibrated system. This has to be followed with another Calibration.
CONNECT MIC	MIC not connected during Calibration or the MIC connector could be bad.
ROOM NOISE	Noise during Calibration
MIC ERROR	MIC could be faulty or there could be obstacles between the speakers and the MIC.
SPKR/SUB VOL LOW	Speaker/Subwoofer could be turned off. OR its volume could be low due to - obstacles between the speakers and the MIC - the room size being very large
SPKRVOL LOW	Speaker volume captured by the MIC could be low due to - obstacles between the speakers and the MIC - the room size being very large
SUB VOL LOW	Subwoofer volume captured by the MIC could be low due to - obstacles between the speakers and the MIC - the room size being very large Increase the volume knob at the back of Subwoofer and Calibration could be tried again.

5.2 Other common issues

SYMPTOM	CAUSE	SOLUTION
Unit does not function when main power switch is turned on	No AC power Incorrect power adaptor Power adapter is non functional	Make certain AC power cord is plugged into a live outlet& the outlet switch is turned ON Check if the power adaptor that came with the system is used. If not check if the power rating of the adaptor is correct. Replace the power adaptor with a new one with the correct rating
No sound from any speaker	Lose input connections Mute is on Volume control is down Incorrect AV source settings	Secure all input and speaker connections Press Mute Button Turn up volume control In the source settings, HDMI Audio has to be set to ON for the audio to come over the HDMI connection. Note that this may turn OFF the audio in the digital output.
No sound from surround or Center speakers	Incorrect Surround mode Input is Mono Incorrect Calibration	Select a mode other than Stereo There is no Surround information, could be a Mono source Redo Calibration
No sound from Center speaker only	Source has swapped Center and Subwoofer content	Select the 'SWAP CNTR/SUBW' option under Menu
Unit does not respond to remote commands	Weak batteries in remote Remote sensor is obscured	Change remote batteries Make certain front-panel sensor is in line of sight of remote
Audio drops or breaks sometimes	1. There could be multiple wireless devices turned on close by 2. There could be multiple obstructions between the Neo & the Speakers (walls, cabinets, etc)	1. Make sure uncertified devices that emit radiation (like Microwave) are either not used (recommended) or turned off or kept far away 2. Eliminate these obstacles and check again. If eliminating these obstacles are not possible then call customer service.
Audio drops only on HDMI input	1. Bad HDMI cable 2. Radiation from HDMI cable or TV is affecting Violets Wireless. HDMI being a high definition interface carries high amount of data at high speed. Due to this there is a possibility that there could be radiations from these devices.	Replace the HDMI cables and check Move Neo as far as possible from the HDMI devices (TV, DVD, STB, etc)

SYMPTOM	CAUSE	SOLUTION
No Surround effect on HDMI whereas Coaxial/Optical gives Surround	This could be related to the capability or setting of the source device.	Please refer section 3.5 and also check the user manual of your source device.
No Audio/Video on Speakers/TV	HDMI devices may not be in sync Incorrect HDMI cables or connections	Restart the HDMI devices, your AV source first. If that does not solve the issue then the TV also. Power off the units, disconnect and reconnect the HDMI cables.
Pink/Green tint in picture. Blinking/Flashing video.	HDCP related issue. HDMI devices may not be in sync.	Restart the HDMI devices, your AV source first. If that does not solve the issue then the TV also. Power off the units, disconnect and reconnect the HDMI cables.
Audio & Video take a while to come when I change to HDMI source	HDMI Sync can take between 2-10 seconds. This typically depends on the TV. Newer TVs will sync faster.	
Only Stereo (2 channels) displayed by Neo	Incorrect AV source setting If your AV source is a PC/MAC it could be a driver issue Audio format incompatibility	 Check the AV source settings and set it to Multi-Channel. Update the PC/MAC driver. Check the PC/MAC soundcard specification. Neo supports only Dolby Digital and PCM formats of Audio. It is recommended that the AV source settings are set to either Dolby Digital or to multi-channel PCM.
Only Stereo (2 channels) displayed by Neo when streaming Youtube, Netflix and other content from Internet	YouTube & most content on Netflix stream only 2 channels audio. A lot of downloaded movie content carries only 2-channel audio.	
Only 2 channels of audio from satellite/cable TV set top box	Even though the channel is HD the content playing at that time need not always broadcast 6 channels of audio. This is true with Music TV channels has the content is from heterogeneous sources.	If you are sure that the content from the HD channel has 6 channels of audio make sure that the STB's audio settings have been set to Dolby Digital or Bitstream and not PCM. This is true regardless of the content being played out via digital coax/optical or HDMI

5.3 FAQ

Q. Traditional surround sound systems require precise positioning of speakers to get the right surround sound effect. How can you achieve a surround sound effect without fixed positioning of speakers? Is there any suggested placement of the speakers?

Traditional surround sound system work on a so called 'intensity' principle. A surround sound recording specifies the direction each individual audio channel should come from. Traditional systems rely on placing each speaker in precisely that direction at a specified distance. Violet3D makes a remarkable departure from this philosophy. By using omni-polar speakers it creates unique wave-fronts - one wave-front from one direction for one channel – using ALL the available speakers. Hence it can create surround effect without need for precise positioning of speakers. We suggest placing three speakers in the front and two in the back as far apart from each other as possible.

Q. Other surround sound systems require you to first determine a seating position where the best sound will be heard. How can you achieve a surround sound effect throughout the room?

Traditional surround sound systems use highly directional speakers and create a focused beam of sound targeted at a particular listening position – which is why they require you to specify a listening position and work primarily around that.

Violet3D works on the principle of creating wave-fronts which simulates the effect of sound coming from further way that it actually is By use of this technology, we are able to create a 3D sound bubble throughout your room.

${\bf Q}.$ I am being told that is there is no good surround sound system which is wireless. How good is your system?

Creating a high fidelity (hi-fi) surround sound system using wireless technology has been a big challenge. Creating compelling and coherent surround sound requires a high degree of synchronization between the speakers (jitter) and very low time delay (latency) between the source and the speakers. This is typically achieved by a high quality AVR and high quality wires. Dolby recommends end-to-end latency of 20 milliseconds. Human ears are sensitive to any jitter in range of 20 microseconds.

We have developed a wireless technology coupled with our space sensing microphone which allows us to provide flawless full digital uncompressed transmission of multichannel audio with low latency (13 milliseconds) and low jitter (200 picoseconds) eliminating the need for expensive AVRs and wires.

Q. I have heard that the room plays a very important role in quality of sound. What are room requirements for your system? What size of room does your system cover?

Violet3D 5.1/7.1 surround sound system has been designed for a room size of 700 sq feet (approximately 7000 cubic feet of volume). We have no particular requirements for your room.

Q. Why hasn't anyone else made a system like yours?

To make Violet3D possible, various technologies had to come together – high end digital signal processing, high quality wireless and high quality class-d amplifiers.

There has also been research and advances have been made in human perception of sound and creation of surround sound, such as ambisonics and wavefield synthesis which are a drastic departure from older methods of creating surround sound.

Our team of 35 people have worked on this product for well over three years to make this a reality.

Q. Does your wireless have interference from radio frequencies of cell/cordless phones, microwave ovens and Wi-Fi routers?

Our wireless technology is designed to happily co-exist with other wireless systems. Our system is intelligent and uses our patented space sensing microphone technology. Our microphone not only measures room characteristics to give you a theater in your living room, but also the speaker's characteristics in the room and where they have been placed. Additionally, our speakers have a two way wireless communication path with Neo and hence we are able to switch our wireless frequency bands and also dynamically adapt power from our Neo to our Speakers/Subwoofer to avoid any interference. By eliminating wires, we eliminate any pickup from other radio emitting devices that normally cause your audio systems to spur 'pat pat' sound when your phone rings. We have tested the system with 5 wireless routers, 2 cordless phones, and tens of cell phones and microwave oven.

Q. Will Vioilet3d harm my health?

The emission of our product is same as any other Wi-Fi router in your home. We use wireless chips that are FCC compliant.

Q. What is the range of wireless? Can I put additional speakers in the bathroom?

Our wireless range is 45 meters when Neo and speakers are in line of sight. As with any typical Wi-Fi router the wireless range drops when you have walls between Neo and the Speaker. The construction of your walls determines the drop in the range. Wooden and hollow walls are much more forgiving than the steel and concrete houses in some parts of the world. We suggest you ask your dealer to test the system in your home and verify before using the system as a multi-zone product. However please note that if Speakers come in contact with water there could be permanent damage.

O. How many speakers I can play with single Neo? How can I use it in commercial application?

Neo can connect up to 21 speakers. For commercial application, we suggest you put one speaker every 6 to 8 feet.

Q. Why do you call your system wireless when it still has power wires?

We transmit audio signals wirelessly from your device to the speakers. However, speakers, like many other wireless devices, consume power and hence have to be plugged in to a power source - just like your light bulb. In Violet, you can put in speakers wherever you have power outlets, just the way you do it for creating light in your room.

Q. What is the power consumption? Does electrical noise other appliance affect the system? Can your system work on invertors or generator? Can your system handle power fluctuations?

Continuous power consumption of each speaker when turned on full volume is in the range of 7W and that of the subwoofer is 20W. When Neo is switched off, the power consumption of each device falls below 1W. Home appliances such as ACs, grinders, refrigerators, microwave ovens or vacuum cleaners do have an effect on quality of Violet. Violet is designed to handle 15% fluctuation in voltage and is designed to protect brief surges. Given the very poor power regulation conditions in India, we strongly recommend switching off the system during power outage or when not in use.

Q. Do I need to switch off each speaker when I am not listening?

While it is not required to switch off each speaker, due to high voltage fluctuations and large spikes in certain countries we advise customers to turn off the speakers and Neo.

O. If I buy a 2.1, can I expand it to 5.1 and later to 7.1?

Yes. You can buy three additional speakers from your dealer who will tell you how you can configure them and attached them to your existing 2.1 system.

Q. How can your small speaker produce hi-fi sound?

We use digital signal processing along with a uniquely designed amplifier to give you a hi-fi sound and loudness from small speakers.

Q. What benefit do I have using the HDMI input / output?

<u>HDMI</u> (High Definition Multimedia Interface) is a compact interface to transfer digital Audio Video data across HDMI compliant devices. It also allows HDMI devices to control each other thereby reducing the need for multiple remotes. Refer section <u>4.3</u> for more information. We suggest you to check on the internet to know more about it.

6 SPECIFICATION

6.1 Wireless Speakers

Driver	2.1" full range
Sensitivity	87 dB SPL, 1 Watt power at 1 meter
Max SPL	96 dB SPL at 1 meter
Amplifier	40W RMS
Frequency Range	160Hz (-3dB) to 22kHz
Operational Voltage	180V to 250V 50/60Hz AC (India)
Surge Protection	1kV
Diffuser Pattern	Omni directional
Mounting Options	Table top, Wall mount, In-ceiling
Knobs	None
Size	4.2" Dia, 6.5" Height (without base)
Weight	600g
Color	Brushed Aluminum
Body	Anodized Aluminum

6.2 Wireless Audio Console

Audio Inputs (back)	3 x HDMI, 1 x Coax ,1 x Optical
Audio Inputs (front)	1 x 3.5 mm Stereo Jack
Other Inputs	Microphone, 3.5mm
Power Input	6V DC
Output	1 x RCA Subwoofer, 1 x HDMI
Size	280 x 170 x 60 mm
Color	Black
Body	Painted Plastic
Weight	750gm
HDMI	Version 1.4 with CEC & ARC support and 3D bypass

6.3 Wireless Subwoofer

System Sensitivity	92 db (20 mv@1m)		
	43-160 Hz @ -3db		
System Frequency Range	39-200 Hz @ -6db		
	35-250 Hz @ -10db		
Inputs	L+R RCA Line in, Sub in		
Outputs	L+R RCA Line out		
Lf Driver	1 * 6.25", inverted NBR surround		
Passive Radiator	1 * 6.25", inverted NBR surround		
Amplifier Output Power	200 Watt @100Hz, THD<1%		
Amplifier Type	Class-D		
Phase Control	Yes		
LED	Yes, Blue		
Crossover Frequency	50-200 Hz & Bypass		
Cabinet Size	210*210*210 mm		
Color	Black Vinyl Wrap		

6.4 Accessories

6.4.1 Base (optional)

Size	Dia 4.2" X Height 3.9"
Weight	600g
Body	Brushed Aluminum

6.4.2 Wall Mount (optional)

Size	4.3" X 3.11"
Weight	200g
Body	Chrome Steel

6.4.3 Remote Control

Protocol	Infra Red, NEC
Buttons	8 buttons Power, Volume +/-, Source +/-, Mute/Unmute, OK, Menu
Range	25 ft
Size	5.3" X 1.9"
Weight	50g
Color	Black
Body	Plastic

7 WARRANTY

7.1.1 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 non transferable 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

- Accident, lightning, water, re, heat, abuse, and misapplication or any unauthorized repair, modification or disassembly
- Improper operation or maintenance, usage not in accordance with product instructions or connection to improper voltage supply
- The serial number is deleted, defaced or altered
- Use of consumables, such as replacement batteries, not supplied by SNAP Networks except where such restriction is prohibited by applicable law.

7.1.2 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.

7.1.3 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.

7.1.4 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.

7.1.5 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.

7.1.6 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.

7.1.7 No other warranties

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

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