

VIOLET3D-APP NOTE 4

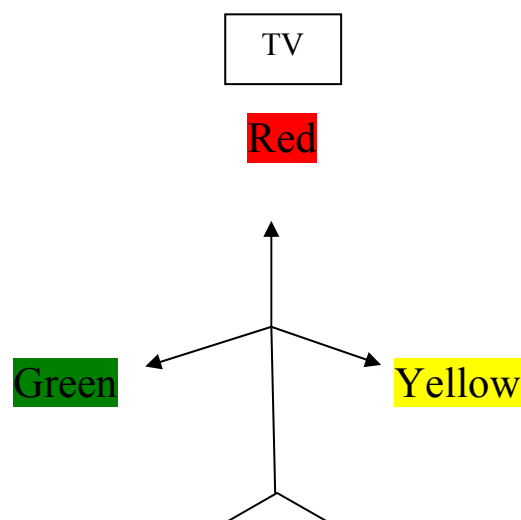
Violet3D 5.1 Learning Procedure

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Violet3D 5.1 System Learning Set Up

Set up for Speaker, Transmitter and MIC:

1. Power on the transmitter. If it is in standby mode switch on using remote control.
2. Make sure that the microphone is connected properly with the transmitter by observing the mute LED blinking orange.
3. Microphone placement precautions.
 - a. Place microphone close to listening position.
 - b. Wing 1 (Red) should point to the front (to TV) of the room.
 - c. Wing 1(Red), Wing 2(Green) & Wing 3(Yellow) should be inserted respectively in anti-clockwise direction as shown in the figure.



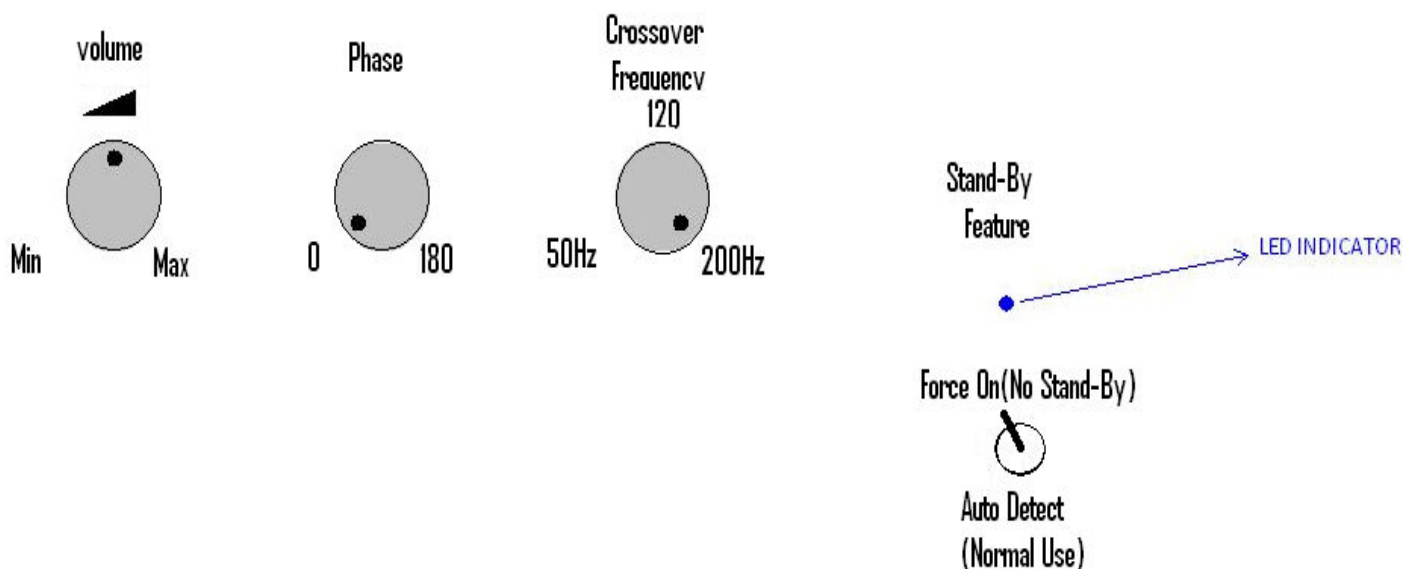
4. Height should be around **4 ft** .Place both PVC tubes with base on the floor or one PVC tube with base on the sofa/couch or a table.
5. All 5 speakers should be in line of sight with the microphone.
6. If the speaker is wall mounted/ceiling mounted, height of speaker should be maintained **7 to 9 ft** from the floor with down firing.

Sub Woofer Settings

Qb3 Sub Woofer (Wired or Wireless):

Before starts the process of learn, Qb3 has to be kept in the below default settings.

- 1) The Volume knob must be kept at **50%** (Half).
- 2) The Phase knob must be kept at **0 degree** (Minimum).
- 3) Cross over frequency knob must be kept at **200Hz** (Maximum).
- 4) Set Stand-by knob to **"Force On"** (Turned Up).



Note:

After the initial learning process, only the volume settings can be changed as per the user's convenience.

Hansong Sub Woofer (old Wireless Sub Woofer):

For Hansong subwoofer, connect to power source and the subwoofer is ready for learning.

Learning Procedure:

Step 1: Make sure all 5 speakers and subwoofer are powered ON.

Step 2: Make sure there is no loud noise in the room.

Step 3: Switch off any fans or air conditioners.

Step 4: Be prepared for loud tones (Sweep) that will come out of the speakers in 2 or 3 rounds.

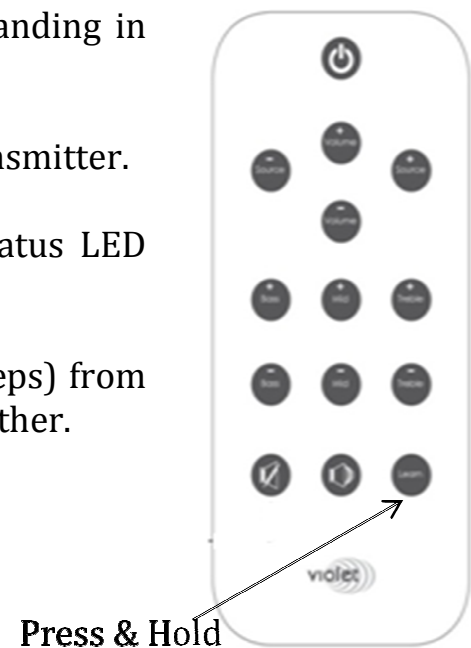
Step 5: Press and hold the “learn” button on the remote control till status LED (Right side corner LED) starts blinking Orange.

Step 6: Step aside such that you are not standing in between any speaker and the microphone.

Step 7: Make sure you can see the front of transmitter.

Step 8: Maintain silence until the orange status LED stops blinking.

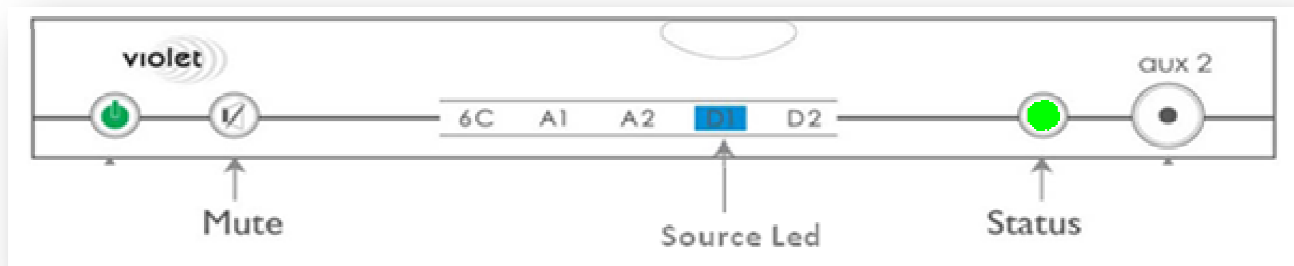
Step 9: You will hear set of rapid tones (sweeps) from all speakers and the subwoofer one after the other.



- It will take 5 minutes to complete this process. After completion of the process, transmitter will go to standby mode.



- Power on the transmitter using Remote control. The successful learning is indicated by status LED glowing green & glowing source LED (not blinking).



- After the successful learning, disconnect the MIC, Release the wings and keep in the box. The system is ready for normal usage.

Errors Found During Learning:

Observe the transmitter front panel for the following errors.

- a. **ERROR 1:** Blinking all source LED's and red status LED for 10 sec and going to standby mode. This indicates that the MIC is not connected.
 - Wait until it goes to standby mode, Remove and connect the MIC properly and Repeat the learning process.

- b. **ERROR 2:** Blinking of red status LED and D2 for 10 sec and going to standby mode indicates that, the MIC has damaged.
 - Select Source '6C' and Repeat the learning process.
 - Still problem continues contact Violet3d technical support.

- c. **ERROR 3:** Blinking of red status LED and D1 for 10 sec and going to standby mode indicates that, the noise in the room is too loud for learning.
 - Reduce the room noise by turning OFF Fans, AC, etc and Repeat the learning process.

- d. **ERROR 4:** Source Blue LED blinking indicates that, the learning procedure did not complete successfully.
 - Repeat the learning process.

Note:

In case of any error explained above happens repeatedly, Please contact your service center.