

## About satellite connection

The SATELLITE connectors on the VXS3S allow for the connection of satellite mid-high speakers to be used at the same amplifier output. This gives the benefit of reducing the number of amplifier channels and takes advantage of the high pass filter built in to the VXS3S. The high-pass filter is optimized for use with the following recommended speakers.

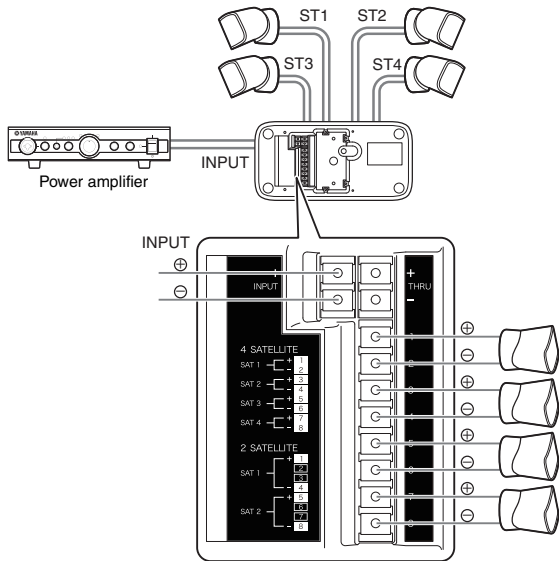
## Recommended satellite speakers

Surface mount speaker VXS1MLB/VXS1MLW

## Connection examples

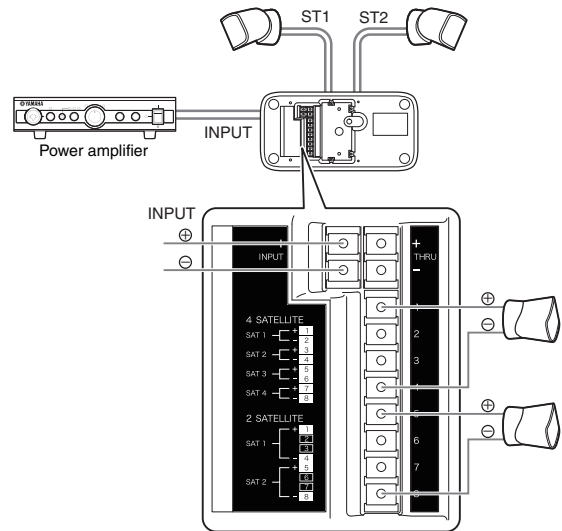
### ■ VXS3S + VXS1ML (4)

This example is the most basic system for satellite connections.



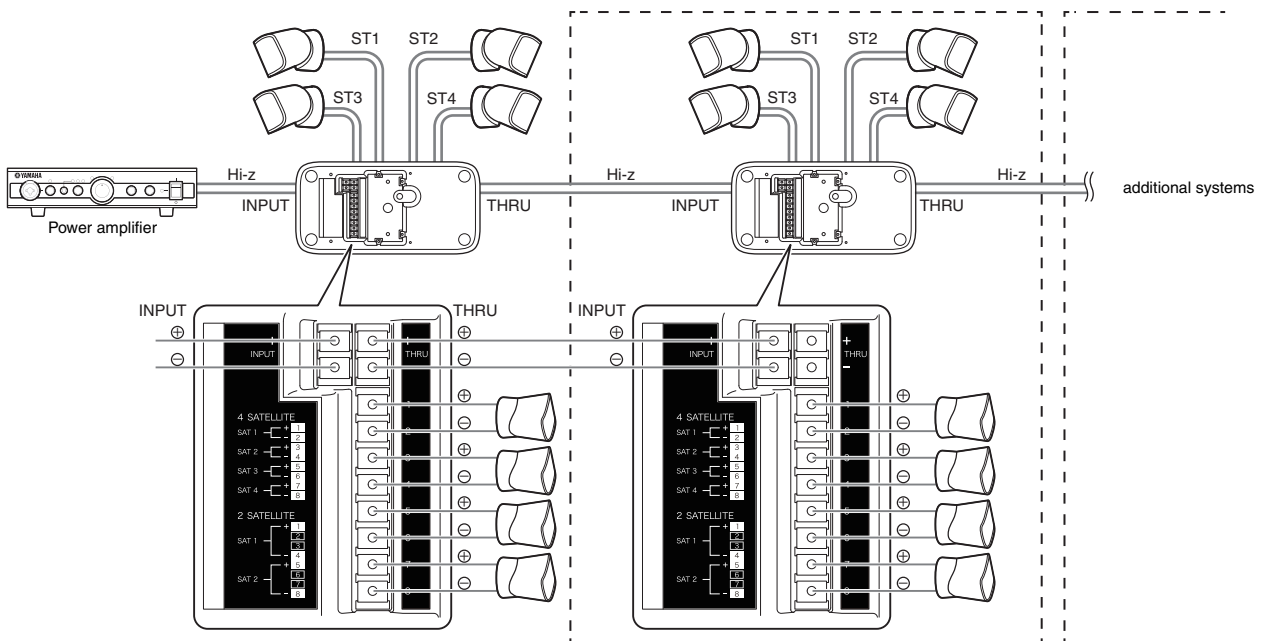
### ■ VXS3S + VXS1ML (2)

This example is a system for connecting only two satellite speakers.



### ■ VXS3S + VXS1ML (4) high impedance connection

In this system, multiple subwoofers are connected using high impedance connections. Additionally, multiple satellite systems can be connected using just one of the power amplifier's channels. Set the tap selector switch of the VXS3S according to the output.



## Caution

- When connecting satellites, the combined impedance is 4 Ω (when connecting four satellites) or 3.5 Ω (when connecting two satellites). Make sure that the power amplifier is compatible with these impedances. If the power amplifier is not compatible, the power amplifier may malfunction.
- When connecting speakers with high impedance, be sure that the rated output of the power amplifier exceeds the input total of each speaker. For details, refer to the explanation of high-impedance connection at the following URL.  
Yamaha Pro Audio site, "Better Sound for Commercial Installations"  
[http://www.yamahaproaudio.com/global/en/training\\_support/better\\_sound/](http://www.yamahaproaudio.com/global/en/training_support/better_sound/)
- When installing speakers, make sure the power amplifier is turned off.