

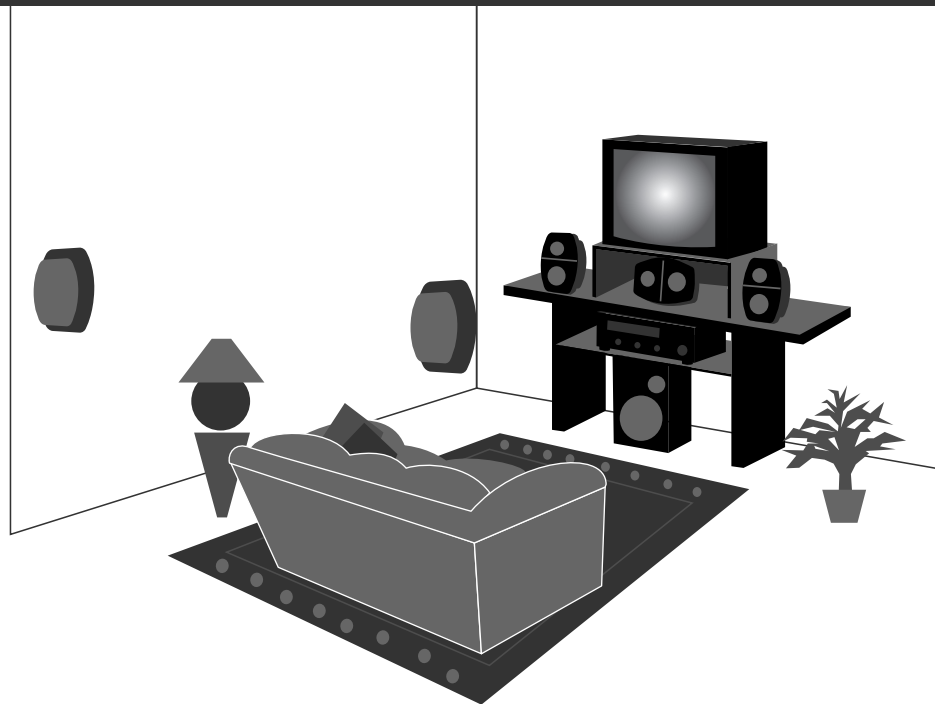


YAMAHA[®]

WHERE HOME THEATER LIVES™

home theater

SPEAKER PACKAGE



NS-P420

QUICK-CONNECT GUIDE

Introduction

Yamaha developed the NS-P420 Home Theater Speaker package to turn your home into a theater. In addition to enhancing the sound of a video source, like your VCR, DVD player, or TV, the NS-P420 also superbly reproduces audio sources, such as a CD player or a cassette deck.

This Quick-Connect Guide will help you get started. Study the system plan (Figure 1 below), and then use either wiring diagram (Figure 2 or 3 on page 2 or 3) to connect the NS-P420 speakers to your A/V receiver. To properly attain the *home theater* experience, it should be

equipped with Dolby® Digital, Dolby® Pro Logic, DTS, or comparable multi-channel surround-sound capability. For the video portion, you will need a DVD (or LD) player or a hi-fi stereo VCR and a television or monitor.

Refer to the owner's manuals that came with your other components for complete instructions and cautions. Be sure to turn off all power when connecting the speakers.

NOTE: Label the end of each speaker wire (i.e., left rear, right front, etc.) before connecting them to the A/V receiver. For wire runs over 30 feet, use larger 18- or 16-gauge speaker wire.

Tools And Parts

The NS-P420 Home Theater Speaker package consists of (5) 2-way NS-A426 speakers, (1) SW-4 powered subwoofer, 100' of speaker wire, and related speaker owner's manuals. For the installation, you will also need the following items:

- Wire strippers (optional)

- Velcro (for secure fastening of an NS-A426 on a TV)
- Toggle bolts, molly anchor screws, or sheet metal screws (for securing NS-A426 speakers to walls)

NOTE: If you are unsure of how to securely and safely fasten speakers to a wall, please contact a reliable source about the best type of hanger for your particular wall's construction. Secure installation is the purchaser's responsibility.

System Plan

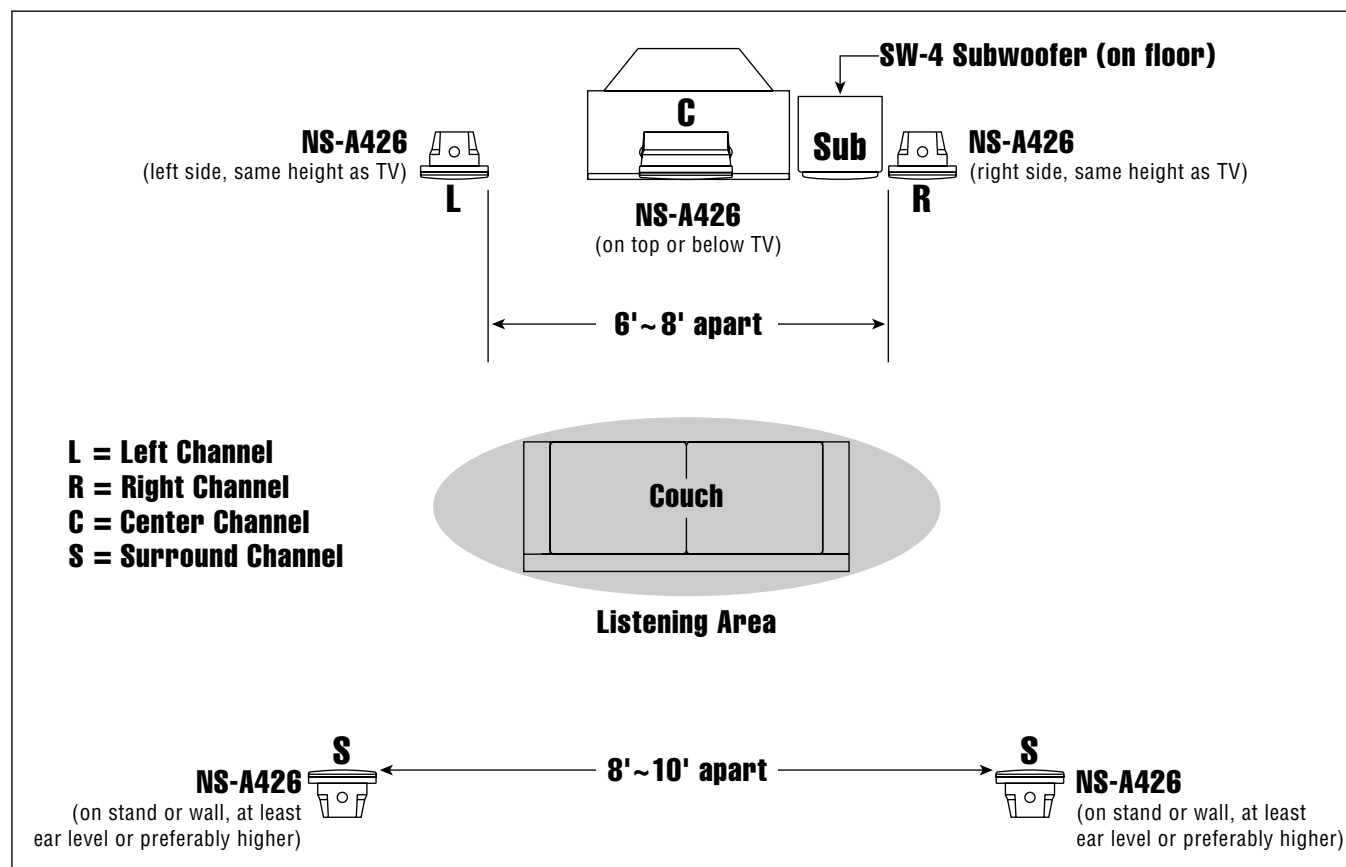


Figure 1. This overhead view shows a typical system layout for the NS-P420 Home Theater speaker package.

Basic Wiring Diagram

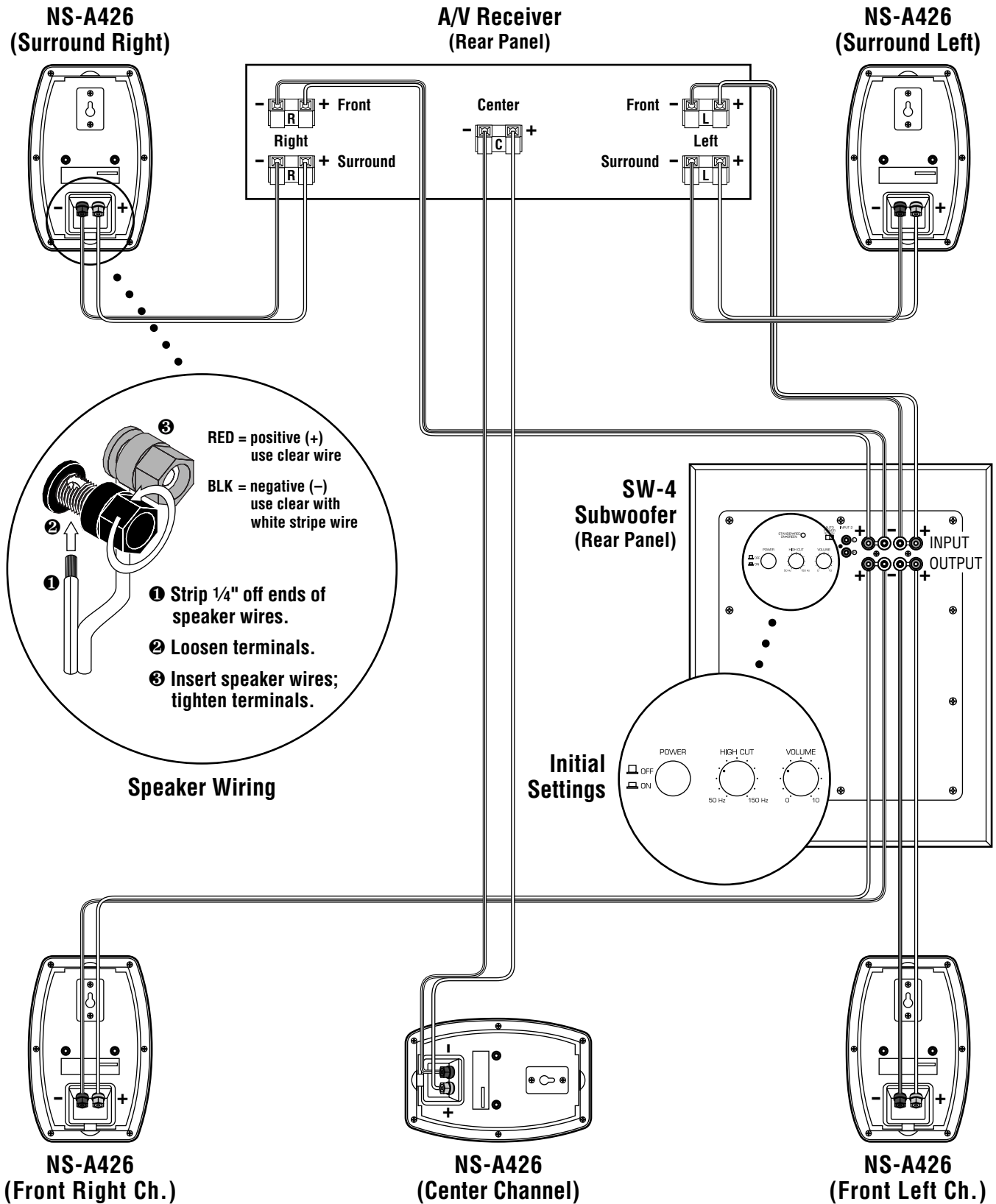


Figure 2. Basic wiring diagram for NS-P420 system.

Advanced Wiring Diagram

In order to fully enjoy a 5.1 system (e.g., Dolby Digital, DTS, etc.), the L INPUT jack on the SW-4 subwoofer rear must be connected to the SUB OUT (or Low Pass) jack on the rear of the A/V receiver or DSP amplifier, as shown in Figure 3 below.

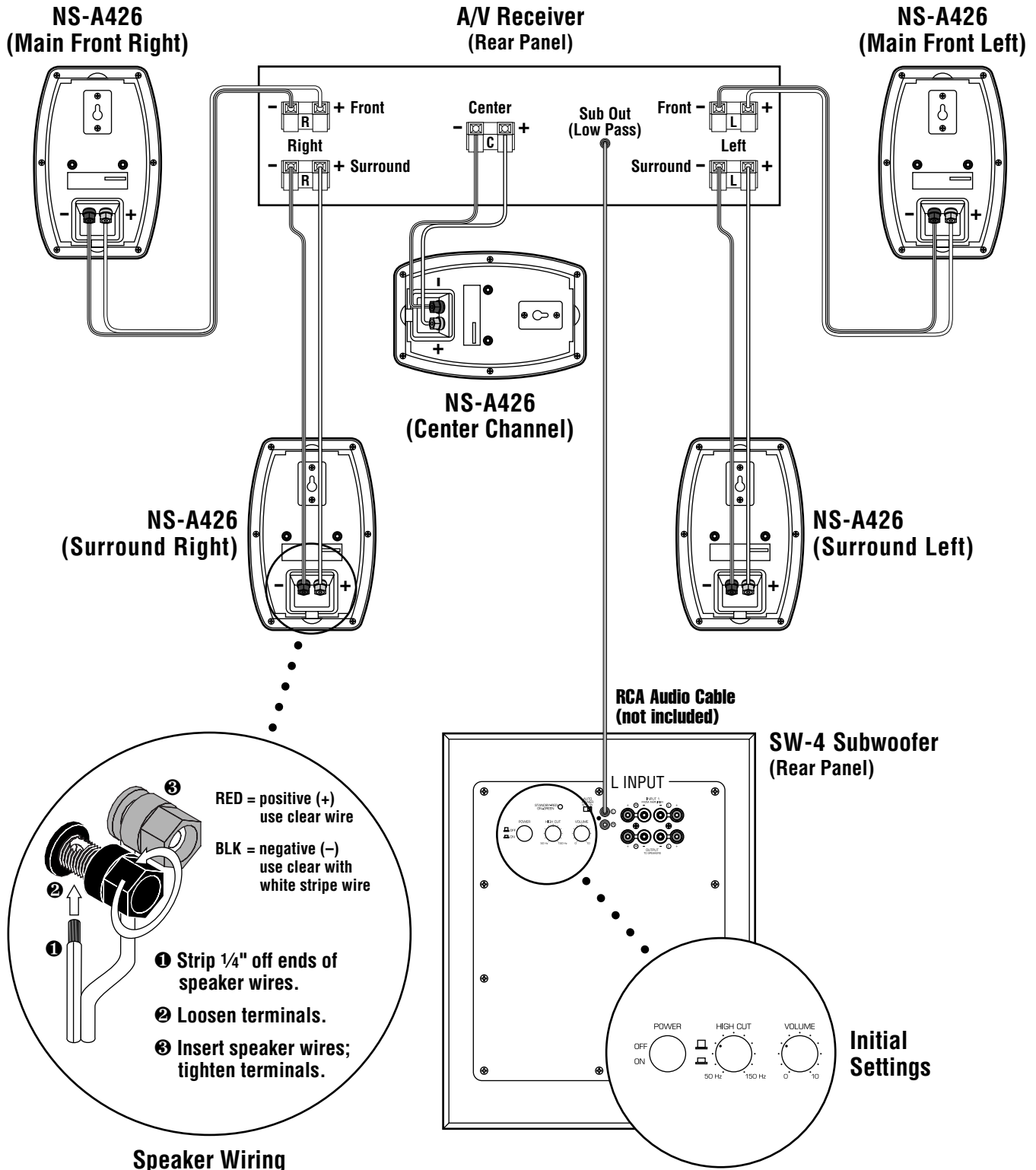


Figure 3. Advanced wiring diagram for NS-P420 system.

Consumer Precautions

Read these precautions carefully before operating your NS-P420 speaker system:

- Since the NS-A426 speakers can be wall mounted for surround use, it is essential that they are firmly secured. Be sure to consult a reliable source about the best type of hanger for your particular wall's construction. Secure installation is the purchaser's responsibility.
- Do not attach them to thin plywood or soft wall surface materials as the screws may tear free, causing the speakers to fall and be damaged, or resulting in personal injury.
- Do not fasten the NS-A426 speakers to walls with nails, adhesives, or other unsafe hardware. Long-term use and vibrations may cause them to pull free.
- Do not place any speakers where they are liable to be knocked over or struck by falling objects. Stable placement will also ensure better sound performance.
- The NS-A426 speakers feature a magnetically-shielded design, but there is still a chance that placing them too close to a TV set might impair picture color. Should this happen, move the speakers away from the TV set.
- Placing speakers on the same stand or shelf as a turntable can result in feedback.
- Never touch the woofer or tweeter units with your hand or expose them to excessive physical shock. If they are dented or bent, the sound will be distorted.
- Lower the power amplifier/receiver volume control before changing input sources. Never change input sources (for example, FM to CD) at high listening levels. Always turn the amplifier/receiver unit off when installing or removing input cables.
- Any time you note distortion, reduce the volume control on your power amplifier/receiver to a lower setting. Never allow your power amplifier to be driven into "clipping."
- Do not attempt to clean the speakers with chemical solvents, as this might damage the finish. To clean, wipe with a dry, soft cloth.
- To prevent the enclosure from warping or discoloring, do not place the speakers where they will be exposed to direct sunlight or excessive humidity.

Specifications

MODEL:	NS-A426	SW-4
QUANTITY:	5	1
TYPE:	Satellite Speaker, Acoustic Suspension	Powered Subwoofer, Bass Reflex
SPEAKER COMPLEMENT:	Magnetically-shielded 4" Aluminum-Cone Woofer 1/2" Dome Tweeter	– 10" High-Polymer Coated Woofer –
SENSITIVITY:	88 dB/1 W/1 m	–
FREQUENCY RESPONSE:	60 Hz ~ 22 kHz (± 3 dB)	25 ~ 200 Hz (-10 dB)
NOMINAL IMPEDANCE:	6 Ω	5 Ω
MIN./MAX. AMPLIFIER POWER:	10 W/120 W	Built-in 100 W Advanced YST Amplifier
DIMENSIONS (H X W X D):	9" H x 6" W x 4 1/4" D	18 1/8" H x 14 1/2" W x 15 3/16" D
WEIGHT:	23 lb (boxed as NS-AP426)	42 lb (boxed)



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