

## Simeon 466WU Troubleshooting checks



- No sound
- Check that the transmitters and receiver are both turned ON, and that the transmitters are not set to STANDBY. Verify that the 466WU receiver battery is charged, or else plugged in to an AC supply with the correct power adapter. Check or replace transmitter microphone. Check that the transmitter batteries are correctly inserted, observing the correct polarity, and that the battery terminals are making firm contact inside the battery housing.
- No FM signal
- Check that the transmitters and receivers are set to matching channels and that they are on the same frequency band. Check or replace batteries. Check transmitter switch is set to ON position (indicated by green LED on transmitter). Remove obstructions, e.g. metal structures, from line of transmission.
- Dead batteries
- Check that the transmitter batteries are correctly inserted, observing the correct polarity, and that the battery terminals are making firm contact inside the battery housing.
- Check that the transmitter is making contact in the pocket of the charging cradle and that the charger is turned on at the rear panel. If the transmitter batteries are completely drained and are failing to charge, leave the transmitter turned ON in charging pocket for a few hours, then turn transmitter OFF again and repeat the charging cycle to restore a full charge.
- Weak sound
- Check volume levels on transmitter and receiver. Adjust microphone position. Check or replace microphone. Check that the correct power adapter is connected to the receiver.

Noise or Distortion	Check that the two transmitter supplied with model 466WU are set to different FM channels. Check for possible sources of radio interference (e.g. nearby computers, other FM systems) and select a different FM channel pair (transmitters and receiver). Check the microphone and the integrity of microphone cord and plug. Clean microphone plug pin with swabbing alcohol or other solvent to maintain noise-free connection.
Feedback	Check and adjust volume settings. Ensure that the microphone is positioned correctly. Avoid approaching very close to the portable receiver with the microphone on.
Intermittency	Check that the receiver antennae are fitted securely. Check microphone, mic cable and the plug connection with the transmitter. Replace microphone if necessary.

## Useful Operating Tips

- Adjust the microphone for comfort and ensure especially that the mic capsule is positioned correctly.
- Wear the transmitter in the stretchable hippack. The hippack is more secure than the belt clip and will protect the transmitter and delicate microphone from drop damage.
- Consider wall-mounting the Simeon 466WU receiver or using a tripod to ensure it is placed optimally.
- Avoid excessive amplification - soundfield FM will make speech clearly audible at a comfortable listening level.
- Keep the soundfield receiver away from classroom computers, which are sometimes a source of radio interference.
- Avoid approaching very close to the 466WU portable soundfield receiver with the microphone turned on - this may cause a squeal or feedback from the speaker.
- Use only the recommended batteries and correct power adapters for the receiver and the charging cradle.
- If you have forgotten to charge the receiver before use, it can always be operated with the power adapter from the classroom AC supply.



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