

WSCS Reception Guide

WSCS 90.9 can be heard in New London, and in Springfield, North Sutton, Wilmot, Sunapee, and much of Grantham, Bradford, Warner, Newbury, east to Andover and Franklin and as far west as Newport.

Due to the low power nature of WSCS's signal, some people outside of New London may find it difficult to tune in. Therefore, we would like to suggest some options for improving reception.

Buy an FM directional antenna: Sample FM Antenna Products

Indoor FM Dipole Antenna - Easy to set up for use indoors. Good for improved reception of nearby FM stations for apartment dwellers or suburban locations. Usually around \$3.00

Indoor TV/FM Antenna - There are several models available with prices usually ranging from \$30-\$130. The higher priced models are usually intended for longer range reception.

Outdoor FM Antenna - Roof or tower-mounted and has a range of 100-miles. Usually under \$20.00.

Outdoor Directional FM Antenna - The directional outdoor antenna is roof or tower-mounted and has a range of 100 miles in the direction it is pointed. Usually around \$20.00.

Listen in your car.

Not only are car radios often better quality radios, but they get a better signal just by virtue of being outdoors.

Use a car radio in your home.

Some listeners have converted car radios for home use.

For those of you who have attempted to get a listenable signal through antenna and antenna amplifier modifications to no avail, there is another potential solution which may succeed. Obtain an automobile FM receiver, speakers and antenna which have

been designed, built and intended for automobile installation, plus a 12 volt DC power supply. The last item converts household electric current from 120 volts AC to 12 volts DC. The power converter makes it possible to use the automobile receiver inside your home without having an attached auto taking up all the room in your kitchen or bedroom.

The reason for using an automobile receiver is that they are usually built with more sensitive radio receiving capabilities. Although the receiver would be installed inside your home along with the power converter, the antenna should be outside your home, as high as the top of your roof if possible. If a television and FM radio antenna is already installed on your roof, it can be connected to the automobile receiver.

WARNING! Roof top antennas of any sort should have lightning protection.

Those with basic mechanical and electrical skills and knowledge should find this project familiar and easy to accomplish. Those likely to achieve success with this plan are those who are able to receive a listenable signal while in their automobile as it's parked their driveway, street or parking lot adjacent to their dwelling or workplace. Some sources of automobile receivers are the typical auto stereo retailers and auto salvage yards, the latter being a potential source of very inexpensive receivers. Power converters are available from Radio Shack.

Buy a quality portable radio

A variety of portable radios that receive shortwave frequencies tend to have better overall reception due to their internal wiring and antenna systems. Consider purchasing a multi-band multi-purpose portable receiver that has AM, FM, and shortwave.

Reduce interference from electronic devices

Over the years, radio signals have been battered by background noise from more and more devices such as computers and televisions. Try reducing that interference.

Try moving your radio's antenna away from electronic sources.

To identify which device causes the interference, turn off each electronic device in your home, one at a time. After turning it back on, reposition it or its cables to see

if it makes a difference. Electronics stores often sell clamp-on ferrite filters; place them on the cables of the offending device.

If the interference comes from your neighbors, their equipment may be in violation of FCC rules. Talk to your neighbors first.

Recognizing interference from other radio stations

WSCS is on the same frequency of powerhouse WBUR in Boston. If you live South of New London you may hear interference from WBUR drifting in on occasion.

If all else fails, listen online - You can listen via Real Player on our web link!