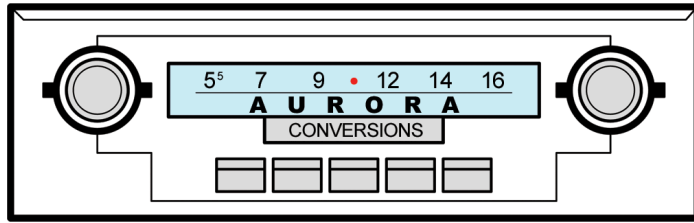


Aurora Design HD Radio™ Receiver

Quick Start Guide



HD Radio™ Technology is a system that adds digital radio to standard analog AM/FM radio signals for improved sound quality, and with FM, additional sub-channels.

With the HD Radio™ receiver option, the radio will operate as normal on analog radio stations. When an HD Radio™ signal is first detected, the optional front panel Status LED will flash aqua signifying the signal is being acquired. Once the signal is locked, it will go solid aqua and the radio will seamlessly blend over to the digital signal.

FM HD Radio™ stations may also be broadcasting sub-channels (HD2-8) along with the main digital channel (HD1). To access these sub-channels, perform the HD Radio™ action shown. Each time the action is performed, the radio will select the next sub-channel and announce it. When the last sub-channel is reached the radio will wrap around to the first channel (HD1). If a sub-channel is selected for a particular station, each time the radio is tuned to that station, the radio will automatically switch back to this sub-channel once the digital signal is locked. Note: the number of sub-channels will vary depending on what the station is broadcasting.

The HD Radio™ receiver functionality can be enabled/disabled independently for AM and FM if desired. When the radio is not locked to a digital signal, perform the action shown above. The radio will toggle between enabled/disabled and announce the change.

Antenna

The antenna length is somewhat more critical for HD Radio™ Technology than it is for regular analog AM/FM. Start by setting the length to 29in as measured from the base to the tip and tuning to an active station. Using the Signal Strength feature of the FMR (see FMR User Manual / Quick Start Guide for more information), slowly adjust the length for best signal strength, stepping away from the antenna after each adjustment so as not to interfere with the radio signal.

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