

HD Radio TECHNOLOGY

HD Radio™ systems provide digital radio broadcasts on AM/FM radio, alongside the analog radio signals. HD Radio™ technology is capable of providing improved audio quality compared to the analog broadcast.

HD Radio technology operates in a very similar way to the standard AM/FM system. For information on storing stations, waveband selection, etc., see **112, RADIO CONTROLS**.

When an HD Radio signal is detected and received, the tuner gradually blends automatically between the analog and the digital audio.

The HD Radio digital signal is transmitted at the same frequency as the analog signal and can also provide additional multicast channel services, where available.

In areas of poor reception, due to signal masking and transmitter strengths, the HD Radio system may switch between the HD Radio's primary signal and the corresponding analog broadcast. If tuned to a multicast service, the audio may mute.

Note: During this process, a change in volume levels may be experienced. The volume matching between the analog and digital signal is dependent upon the broadcaster.

Note: If poor reception and auto-switching becomes unacceptable, it is recommended that HD is switched off or the radio is tuned to an HD Radio service with better coverage.

Note: Some types of body-mounted accessories (for example, roof rack and Luggage compartment lid stowage devices) may affect the performance of this system.

To switch the HD Radio feature on and off:

- Select **Settings**.
- Select **HD Off** to deactivate or **On** to activate HD Radio.

HD Radio™ Technology is manufactured Under License From iBiquity Digital Corp. U.S. and Foreign Patents. HD Radio™ and the HD Radio logo are proprietary trademarks of iBiquity Digital Corp.

When tuned to an HD Radio channel, the station name shown in the display, is prefixed by **HD**. If there are multicast services available, the station name will be prefixed by **HD1** for the primary service, or **HD2, HD3**, etc., for a multicast service.

TUNING TO MULTICAST SERVICES

Multicast services (extra digital audio channels) can be received on HD Radio™ channel broadcasts. Their availability is dependent upon the channel's broadcaster.

To access any available multicast services, use the seek buttons on the audio unit. The selected service (**HD2, HD3**, etc.) will be displayed.

Note: If the last of the multicast stations is passed when using the seek arrows, then the next analog station will be selected. There will be a delay while the unit tunes to the next available analog frequency.

Multicast channels can be stored as presets and used as normal. When recalling a multicast preset, a short delay may be experienced, during which the audio is muted.

If the signal is lost when listening to a multicast service, the audio will be muted.