

## 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.

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

**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 tuned to an HD Radio service with better coverage.

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.

To switch the HD Radio feature on and off:

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

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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**.

## 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 broadcaster. If an HD Radio channel features multicast services, **HD1** will be displayed.

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.