DPD—Direct Pure Decoder Sample & Hold MPX
The KT-5020 uses an advanced digital sample and hold design to decode the stereo signal, not a simple switching system. It reads off the left and right channel information directly, sampling the upper and lower envelopes of the composite signal for increased stereo separation.

DLLD—Direct Linear Loop Detector with DCC Module
The highly linear detector circuit used in the KT-5020 is designed to significantly widen the dynamic range the tuner can handle without distortion, an important consideration as the quality of FM broadcast signals improves. Called the Direct Linear Loop Detector, it extends high and low frequency fidelity and exhibits superior phase characteristics which contribute to accurate sound stage imaging. A special DCC (Distortion Correcting Circuit) module in the demodulator compensates for harmonic distortion generated by IF stage filter characteristics.

DLRC—Direct Linear Reception Circuit
Though it might come as a surprise, conventional tuners employing analog local oscillators often boast better signal-to-noise ratios than their more modern quartz synthesizer cousins. The difference is due to digital noise which can sometimes cover up the subtle, quiet portions of the signal. The Direct Linear Reception Circuit clears up this digital noise while retaining quartz tuning precision. The sound is as good as an analog tuner, but the one-touch tuning convenience remains.

S/N Effect of Linear Reception Synthesizer

Pentacle Power Supply
Kenwood's innovative pentacle power supply configuration eliminates interference between tuner circuits which can arise if they share a common power supply line. Each of the KT-5020's circuit stages is connected directly to the power supply. The lack of interference means better definition in the sound you hear.

20-Station Random FM/AM Preset Memory
The KT-5020 lets you store up to 20 AM or FM stations for one-touch recall. The tuner remembers whether each preset is AM or FM, so you don't have to set the band selector before recalling a station.

Wide/Narrow IF Selector
You can set the IF (intermediate frequency) bandwidth to either wide or narrow. Choose wide for well isolated stations to enjoy optimum phase linearity. If you experience interference from adjacent channels, switch to the narrow IF bandwidth for increased selectivity. Though it sounds complicated, the selector is actually very easy to use. Just switch between the two settings to see which sounds better for the station in question.

Automatic Quieting Control
Unlike the monostereo selector found on most tuners, the KT-5020's automatic quieting control helps to mute inter-station noise while still allowing reception of weaker stations.

Flex-On Circuit Board Suspension System
The circuit boards in the KT-5020 are supported by a special suspension system that helps dampen frame and external vibrations which could interfere with the accurate operation of their precision electronic components.

System Remote Controlled Operation
The KT-5020 is controllable via the system remote control. You can access all the presets and even scan the presets from your chair.