Maxell Compact Cassette Tape

ULTRA DYNAMIC Series

High Output
High Energy
Extended Range
MAXELL UD Cassette for Hi-Fi Recording!

We take pride in announcing the newly developed ultradynamic series. This UD Series, representing superhigh fidelity cassette tapes for music appreciation by audiophiles, possesses very high reliability in the electroacoustic properties, running efficiency, and uniformity. The UD Cassette Series boast high sensitivity, a high S/N ratio, and a high saturation level. Its dynamic range in the extra-high-pass frequency characteristic is fully equivalent to open reel tapes. At last—here are low-noise, high-output tapes. Compared with conventional cassette tapes, elongation in high-pass is as high as 8dB, and reproduction covering a wide range extending from ultralow sounds to superhigh sounds is possible.

FEATURES

Tape Characteristics
- Frequency characteristic exceeds the concept of conventional cassettes.
- Dynamic range equal to that of open reel tapes.
- Noise level not even disturbing to piano and pianissimo sounds.
- Distortion is completely shut out by high M.O.L.
- Sound quality is protected by low print through even during long-period preservation.

Structure
- Newly developed PX gamma hematite adopted.
- Superb durability ensured by adopting thermal hardening type binder.
- Output variation completely eliminated and high-pass output largely improved by mirror-surface finish.
- Cassette half in superhigh precision finish.
- Unique leader tape.
- Highly reliable pad structure.
- Stabilized running efficiency ensured by adopting teflon slip sheet.

Why Maxell UD Cassette excels . . .

PX Gamma Hematite
This PX (Pure X'tal) gamma hematite is an ideal hematite newly developed for superhigh-fidelity music recording. It excels in crystallization and granulation; also its percentage of voids is negligible.

- Uniform, ideal granular shape
  The grain length of PX gamma hematite is 0.4 μm, and axial ratio (length: width) is 8:1. Its grain size is exceedingly uniform and its grain shape is ideal. As a result, the output in high-pass frequency is high, and the noise level and print through are drastically reduced.
- Small voids in crystal
  The voids are very small, and packing density has been drastically improved. Consequently, high output, high M.O.L. and high saturation level never before possible have been attained.

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* Reference tape: BASF Reference OP-12 CS21V