

Unidirectional Auto Reverse A Revolutionary Auto-Reverse System!



There's no denying that auto-reverse operation is convenient. There's no denying that it's desirable. But there's also no denying that conventional auto-reverse decks do not perform as well on Side B as on Side A.

Conventional auto-reverse decks are *bidirectional*, that is, the tape changes direction at the end of each side. On Side A, tape travels from left to right; on side B it moves from right to left. This creates a number of technical problems, the most important being "bidirectional azimuth error."

"Bidirectional azimuth error," like any azimuth misalignment causes a loss of high-frequency response. Noise reduction systems compound the error. The result is dull lifeless sound. Nakamichi was the first to solve the bidirectional azimuth problem by creating NAAC—the Nakamichi Auto Azimuth Correction system found in DRAGON and in the Nakamichi Mobile Sound System. NAAC actually tracks the azimuth of the *recording* but doing so requires exotic and expensive technology.

Now Nakamichi introduces a revolutionary new auto-reverse system that eliminates "bidirectional azimuth error" by *avoiding* it altogether. *UDAR*—the Nakamichi *Unidirectional* Auto Reverse mechanism—flips the cassette at the end of each side just as you do by hand on a conventional deck. And UDAR is fast! In just over a second, UDAR disengages the cassette from the transport, turns it end for end, reloads it, and resumes normal operation!

UDAR is independent of the transport so it does not affect mechanical operation in any way. And, since tape moves in the *same* direction on *both* sides, there's no bidirectional azimuth error. Response is as perfect on Side B as on Side A!

UDAR provides *auto-reverse* convenience and *unidirectional* performance—a combination unachievable with any other system save NAAC! And, UDAR offers a number of features of its own—like Direct Operation and Single-Head Bidirectional Recording. UDAR—the revolutionary auto-reverse system—only from Nakamichi!

