

Dokorder®



8010

World's first Three-In-One stereo tape recorder with built-in Dub-A-Tape system for professional dubbing

This is the Dokorder 8010, an original, totally professional 4-track 2-speed stereo tape recorder featuring Dokorder's exclusive Automatic Continuous Reverse and Dub-A-Tape systems which enable it to do the work of three conventional recorders, and to do it better.

The work of two recorders—automatic recording and playback—is handled by the Automatic Continuous Reverse system, while the work of a third—dubbing—is performed by the special Dub-A-Tape system without the need of any additional component.

The Dub-A-Tape system consists of a tape transport mechanism that drives the copy tape, a wow and flutter-free single-drive system that drives both the copy and original (pre-recorded) tapes simultaneously, and a special head designed

exclusively for dubbing during playback. This unique system not only eliminates the need for an additional recorder, but also establishes new standards of tape dubbing professionalism.

You'll find scores of other professional features in the 8010 too. Automatic programming for Reverse, Shut-off and Repeat operations, four precision motors, five tape heads, convenient one-hand tape threading and a versatile Pause control.

But most of all, you'll find the world's highest standards of stereo reproduction are yours from the 8010's built-in stereo power amplifier and twin 4"×6" monitor speakers. They're yours whether you use the 8010 as an independent component or as a part of Dokorder's new Dub-A-Tape stereo system. For a convincing demonstration, listen to it perform either way.

ONE YEAR FACTORY WARRANTY

Coast-to-Coast Authorized Service Depots in the United States



Dokorder's unique Dub-A-Tape system for professional tape dubbing with only one recorder.



A Versatile, Three-in-One Recorder

The Dokorder 8010 delivers not only precision recording and playback operations through its Automatic Continuous Reverse system, but also permits professional dubbing to be obtained while the tape is in playback from its built-in Dub-A-Tape system. For this purpose, the 8010 is equipped with a built-in tape transport mechanism to drive the copy tape, a special dubbing head designed exclusively for dubbing, and a unique Single-Drive Dubbing System.

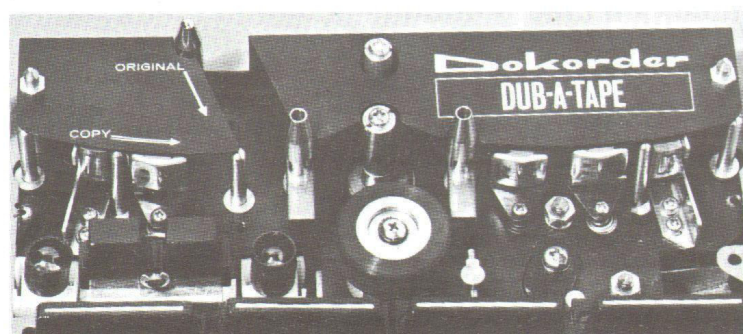
Single-Drive Dubbing System

This is a mechanism in the 8010's head cover slot that drives both pre-recorded and copy tapes simultaneously. It assures professional quality dubbing by eliminating all traces of wow and flutter that usually occur when two tape recorders are used.



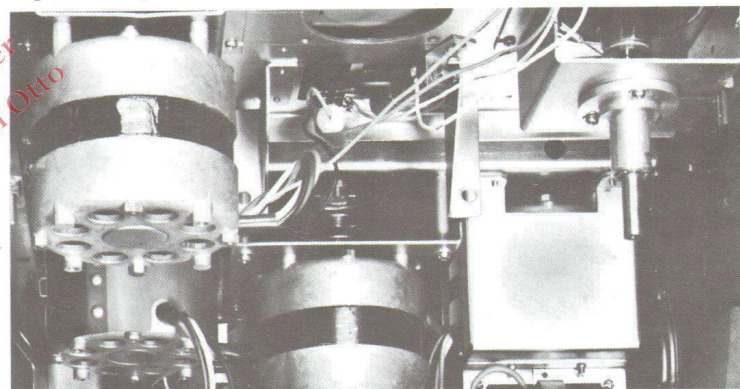
Five Heads

Two for recording and playback, two for erasing, plus one new playback head designed exclusively for dubbing.



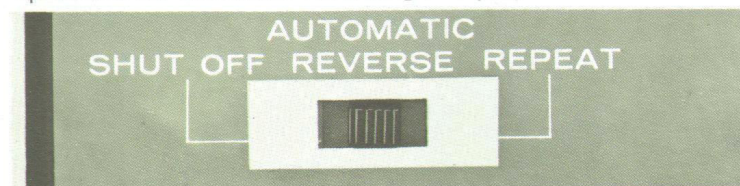
Four Motors

The 8010 utilizes a reversing synchronous type motor for capstan drive and two capacitor type heavy duty motors for reel drive. In addition, it incorporates a special tape transport motor for driving the copy tape. All motors are synchronized for complete compatibility. Together they assure stable, smooth tape handling and a fast rewind time.



Automatic Continuous Reverse

Unlike many recorders that play a tape one way, reverse it and stop, the 8010 has been designed to keep reversing it automatically in both directions until stopped by the operator. Just slide the automatic programming switch to the repeat position and the 8010's Automatic Continuous Reverse system comes into operation for automatic recording and playback.



Center Drive System

Operating on the center capstan and pinch roller principle, the 8010 "pulls" tapes across heads in each direction for professional sound reproduction, free from wow and flutter.

Automatic Programming

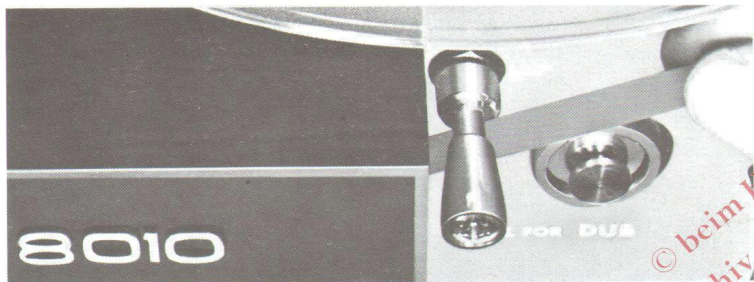
A single switch selects Automatic Shut-off, Automatic Reverse and Automatic Repeat operations for added convenience. Switch to Shut-off, and the 8010 automatically stops when the tape reaches the end of its run in either direction. Switch to Reverse and the tape runs to one end, reverses and runs to the other, and then stops. Switch to Repeat and the tape continues to reverse automatically until stopped by the operator.

SPECIFICATIONS

Recording system	AC bias 4-track stereophonic and monophonic	Recording time	4-track stereophonic
Tape speeds	7½ ips and 3¾ ips	1,800-foot tape	7½ ips 1½ hours 3¾ ips 3 hours
Frequency response	20-20,000 Hz @7½ ips 40-12,000 Hz @3¾ ips		4-track monophonic
Equalization	NAB		7½ ips 3 hours 3¾ ips 6 hours
Signal to noise ratio	Better than 50 dB	Fast forward and rewind time	Less than 45 seconds
Cross talk	55 dB	Circuit compliment	(1,200-foot tape/60Hz)
Wow and flutter	Less than 0.12% WRMS @7½ ips Less than 0.15% WRMS @3¾ ips	Level indicators	22 transistors, 7 diodes
Bias frequency	70,000Hz approx.	Heads	Dual illuminated VU meters
Input provisions	Two line (100 mV) 200 Kohms Two microphone (1 mV) 10 Kohms	Motors	Five, 2 rec/play, 2 erase, 1 dubbing
Output provisions	DIN (REC) connector Stereophones 35mW/channel Speaker (8 ohms) DIN (PLAY) connector	Max. reel size	Four, 1 synchronous capstan, 2 capacitor reel and 1 capacitor dubbing
Tone control	Two separate treble control	Power requirements	7 inches
Power output	12 watts music power	Weight	100, 110-117, 125, 200, 220, 240V AC 50 or 60Hz
Monitor speaker	2 speakers, 4x6 inches	Dimensions	48 lbs. 14½"W x 7½"D x 21¼"H

One-hand Tape Threading

Specially designed tape guides make tape threading a simple, one-handed operation. Push the Stop button and the pinch roller lowers. Then place the tape into the slot by following the guides.

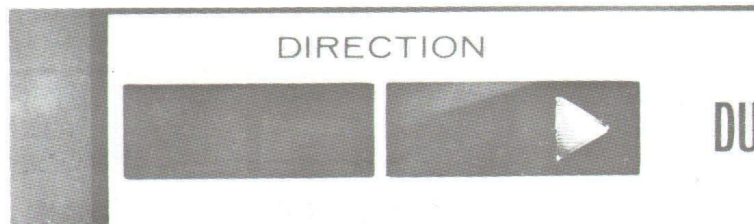


Double Safety Lock System

Accidental tape erasures during playback cannot happen with the 8010, even if the recording button is pushed. Unless both recording and playback buttons and recording switches are all depressed, no erasure is possible.

Direction Changers with Indicators

Two push buttons allow the operator to change tape direction at anytime during play, while two arrow-shaped lamps let the operator see at a glance the direction the tape is running.



4-Track Stereo/Mono Recording and Playback

The 8010 offers both 4-track stereophonic and 4-track monaural reproduction at two speeds. Stereo operating time for an 1,800-foot tape at 7½ ips is 1½ hours; at 3¾ ips, 3 hours. Mono operating time is exactly double.

Built-in Amplifier Speakers

A built-in stereo power amplifier and twin 4" x 6" monitor speakers permit the 8010 to be used as a completely independent component.

All Solid State

Twenty-two specially selected transistors and 7 quality diodes are combined in an all solid state circuit for a full 12 watts in power output and cool, stable performance.

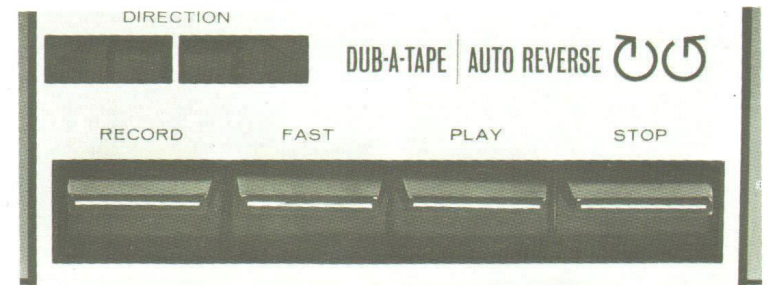
Stereophone Amplifier

Built in so that headphones can be used to enjoy music without disturbing others.



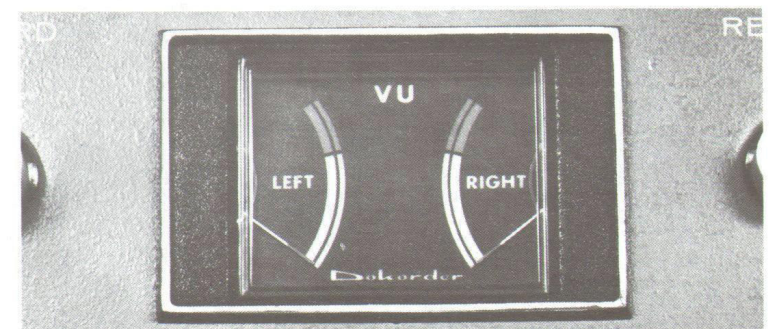
Convenient Controls

Piano key push buttons handle all tape functions such as record, fast, play and stop. Other controls include pause, tone and volume. All are arranged for fast, convenient operation.



Meters

Dual illuminated VU meters give the operator full control over each channel, while a 4-digit tape index lets the operator find any spot on a tape quickly and conveniently.



Compact Design

With dimensions that require very little space, the 8010 is at home anywhere.

Usable Worldwide

The 8010 operates on all AC line voltages and frequencies and can be adjusted to operate anywhere in the world.

The Complete Dokorder Dub-A-Tape Stereo System

All components in the Dokorder Dub-A-Tape series are rationally designed for vertical stacking.



8020 Three-In-One 4-track Stereo Tape Deck

Identical to the 8010 in design and features in everything except the twin microphones, built-in power amplifier and twin monitor speakers.



8060 Solid State Stereo Control Amplifier

A powerful 100 watt amplifier with the latest IC circuitry for superb performance throughout a 15 to 50,000Hz bandwidth. Distortion is only 0.5% at rated output.



8070 Solid State AM/FM Stereo Tuner

An attractive tuner with FET circuitry for unparalleled FM sensitivity and selectivity. Offers automatic stereo switching, an S/N ratio of 50 dB and a stereo separation figure of 35 dB.



8080 8-track Stereo Cartridge Player

A handsomely designed solid state that combines rich stereo reproduction and versatile cartridge playing functions. Four indicator lamps show the tracks in play. Switches allow operator to select any tracks desired and to repeat the same tracks.



8090 Stereo Cassette Tape Recorder

Solid state 4-track model for both recording and playback with cassette tapes. Convenient push button operation and large VU meters.



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