

A VERSATILE TAPE DECK DESIGNED  
FOR CREATIVE RECORDING

Dokorder®

7140

STEREO TAPE DECK

2/4-Channel Record & Play with Multi-Sync Record Function



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Michael Otto  
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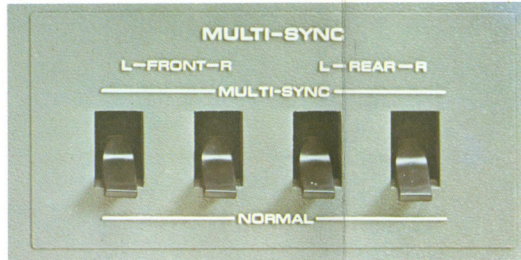
L - FRONT - R  
MULTI-SYNC  
MULTI-SYNC  
L - REAR - R  
NORMAL

# Dokorder®

# 7140

2/4-CHANNEL RECORD & PLAY WITH MULTI-SYNC RECORD FUNCTION

The Dokorder 7140 is an extremely versatile tape deck. As a 4-channel unit, it offers excellent reproduction of discrete tapes and professional 4-channel recording from any source within your 4-channel system. It can be integrated just as easily in a 2-channel system for extraordinarily fine results. But it is a third function that makes it truly unique and, indeed, one of the most outstanding tape decks on the market: With the Dokorder 7140, multi-track recording, with all its unique possibilities, is available to the musician and composer for the first time at a moderate price.

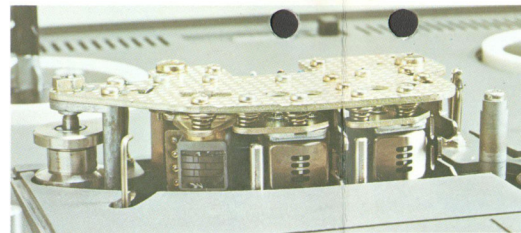


### 4-TRACK, MULTI-SYNC RECORDING

With Multi-Sync it is possible to record four separate tracks individually and in perfect 'sync' with each other or to re-record any track at any time in 'sync' with the others. The 7140 thereby puts the creative techniques of a professional sound studio at your disposal. You can experiment with new and varied electronic effects ... try unique instrumental combinations ... work out innovative blends of real and synthesized musical sounds, with unlimited imagination and a freely creative hand. The sounds of music today are the sounds created in the recording studio, and the Dokorder 7140 brings the 'recording studio' to you.



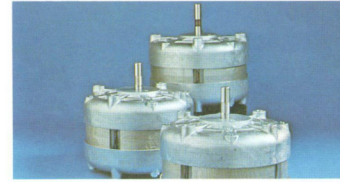
The 7140 incorporates synthetic electronic effects for enhancing acoustical reverb, and Sound-on-Sound for 'add-on' recording. Either effect is available at the flip of a switch, eliminating the need for external patching. One unique feature of Dokorder's special effects network is the variable volume control which permits complete control of the desired effect.



### MOLYBDENUM HEADS

The heart of any tape deck is the heads. And in the 7140, Dokorder engineers have taken precise care to design and manufacture the finest set of heads available today. The heads incorporate specially-formulated molybdenum permalloy cores, machined to strict tolerances ensuring maximum frequency response. The MBD heads of the 7140 are much more resistant to wear than even ferrite heads. And they are backed by an original-owner lifetime warranty. And if they should ever need replacing, changing heads takes only minutes because of Dokorder's unique quick-change head housing.

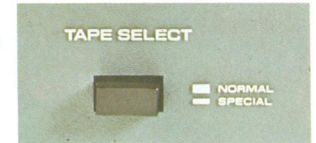
### THREE-MOTOR SOLENOID-CONTROLLED TRANSPORT



If the heads are the heart, the transport mechanism is the backbone of a quality deck. In the 7140, three precision-built motors are utilized to ensure smooth, quick-response tape handling. The control circuits for the transport are completely electronic, with diodes and transistors used exclusively. The capstan motor is a heavy-duty 4-pole synchronous-type providing constant speed drive. The high torque motors are 6-pole eddy current type. Spend a few minutes with the 7140's controls and you'll appreciate its smooth, quiet operation.

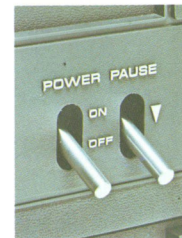
### ADJUSTABLE TAPE EQUALIZER

The 7140 features a front panel Tape Select Switch for selecting the proper pre-set Record Equalizer for either normal or low-noise/high-output tapes.



### TAPE/SOURCE MONITORING

For A/B comparison of all four channels during recording.



### "LIVE" EDITING

Edit instantaneously while recording with the 7140's "Pause" control. When "Pause" control is activated in "record" mode, record amps remain on-line, ready to continue recording.



### SEPARATE INPUT OUTPUT CONTROLS

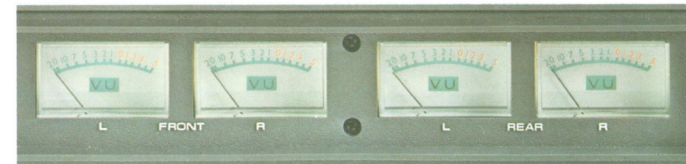
Separate controls for each channel provide maximum flexibility and balance control. Possible to create "pan-pot" effects and completely control instrumental balance between all four channels.

### NEW, EASY-LOAD TAPE DESIGN

Dokorder's exclusive design permits one-hand tape threading. Tape reels are quickly locked securely in place with a simple twist of the turntable spindle.

### OTHER FEATURES

The 7140 also includes professional features such as tape counter, front-panel headphone (4-Channel) and 4 microphone jacks, interlocking record buttons, automatic end-of-reel shutoff, automatic tape lifters and turntable height adjustment screws.



### FOUR PROFESSIONAL VU METERS

Large illuminated meters with easy-to-read expanded scales provide accurate recording and playback indication.

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## A WORD ABOUT ELECTRONICS AND SERVICE

The 7140 represents a milestone in 4-track tape sophistication. A glance at the deck's specifications will attest to the 7140's excellence of performance. And a review of the various warranties exhibit Dokorder's confidence in its reliability. If service should be required in future years, you will soon appreciate the ease of maintenance. All electronic circuits are modular and repair is quickly accomplished by complete replacement of electronic modules, saving you time and expense. Of course, should your Dokorder require attention, we recommend that you consult the authorized Dokorder service station nearest you. Their personnel is completely trained in maintaining your Dokorder's optimum performance.

## DOKORDER 7140 SPECIFICATIONS

### Mechanical

Tape Transport	Three motor (Hysteresis synchronous capstan and eddy current-induction reel) mechanical speed change, solenoid operated
Tape Speeds	7½ IPS and 3¾ IPS
Wow & Flutter	0.08% at 7½ IPS 0.12% at 3¾ IPS
Fast Winding Time	95 seconds (1800 foot/60 Hz)
Reel Size	7" and 5" vertical
Operating Position	vertical
Dimensions	16 7/8"W × 17 3/4"H × 6 3/4"D
Weight	40.7 lbs. net

### Electrical

Monitoring	Full tape/source monitoring
Tape Heads	Three separate heads (E, R & P)
Equalization	NAB

### Rec./P.B., Frequency Response

Response	25-25k Hz (±3 dB 30-23k Hz) at 7½ IPS 30-18k Hz (±3 dB 30-13k Hz) at 3¾ IPS
Signal-to-Noise Ratio	Better than 58 dB at 7½ IPS
Crosstalk	Better than 60 dB at 1k Hz
Stereo Channel Separation	Better than 55 dB at 1k Hz
Bias Frequency	130k Hz
Inputs, Per Channel	MIC 0.8 mV/10k ohms LINE 80 mV/220k ohms DIN (REC) 3.3k ohms
Outputs, Per Channel	LINE 0 dB (0.775V)/10k ohms DIN (PB) 0 dB (0.775V)/10k ohms HEADPHONE 5mW/8 ohms
Circuit Complements	35 transistors, 63 diodes
Power Requirements	117V, 60 Hz, 130 W

**NOTE:** Specifications were determined using low-noise, high output tape.  
The above specifications are subject to change without notice.

## TWO YEAR PARTS WARRANTY/ ONE YEAR LABOR WARRANTY (EXCEPT RECORD AND PLAY/HEADS) MOLYBDENUM(MBD)RECORD AND PLAY HEADS WITH LIFETIME GUARANTEE

DENKIONKYO CO., LTD. (hereinafter referred to as DOKORDER) warrants all its products against defects in material and workmanship for the period (s) specified under 'TERMS OF WARRANTY' as calculated from the date of original purchase.

If any part should prove defective within the Warranty period(s), contact the dealer from whom the product was purchased, or an authorized DOKORDER service depot. If examination determines the part is defective in material or workmanship, it will be repaired or replaced without charge to the purchaser, subject to the following exceptions. However, all cost for insuring the safe delivery and return of the product to and from the dealer or service depot, are payable by the purchaser.

### EXCEPTIONS

1. Products with serial numbers altered or removed.
2. Products not purchased from a Franchised DOKORDER Dealer.
3. Failure to present both this Warranty and the purchaser's Registered Owner Card.
4. Failure to observe the operating instructions furnished by DOKORDER.
5. Breakdowns or damage due to improper connections, repairs or alterations by individuals or service organizations other than those authorized by DOKORDER.
6. Breakdowns or damage due to other appliances.
7. Breakdowns or damage due to packaging and shipment in containers other than those provided or designated by DOKORDER.
8. All breakdowns or damage that DOKORDER finds ascribable to the conducts of the purchaser.



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