INSTRUCTIONS FOR THE

MINI-DEK 1100

SECTION 1 - INITIAL SETUP

1. UNPACKING

Digi-Data recorders are prods shipped in heavy, well padded packing cases which will protect the units during normal handling and transportation. These cases generally are re-usable and should be retained if other shipment is planned.

The recorder should be inspected immediately after receipt. Check for broken parts, dents or scratched surfaces. If the unit kk has been damaged in any way during shipment, a claim should be filed with the carrier and a copy of the claim forwarded to Digi-Data Corporation. We will then advise you of the best way to arrange for repairs of the damaged unit.

After visual inspection the recorder should be operated and tested. All Digi-Data recorders are thoroughly tested at the factory and should be in perfect working condition when received by the customer.

1.2 REPACKAGING FOR SHIPMENT

All shipments of Digi-Data equipment should be made with the original containers or equivalent. Equivalent packaging includes not less than two inches of shock absorbing material surrounding the recorder. This container should then be enclosed in a second box and well padded. Digi-Data Corporation assumes no responsibility for damage to recorders which have been improperly packed.

1.2 OPERATING PROCEDURES

1.2.1 ℞ TURNING RECORDER ON

Press the POWER button on the operator control panel. The POWER indicator will light indicating that the machine is on.

To turn the recorder off press the POWER switch again.

1.2.2. LOADING TAPE

1. Check that a write ring is installed in the reel if recording is intended.

2. Open the door

3.

3. Install the reel on the left hand hub. The tape should unwind as the reel is turned clockwise. Seat the reel firmly, ensuring that the three posts are properly dententing. Pressure should only be applied near the inner edge of the reel. Pushing against the outer edge can harm the tape.

4. Load the tape per the loading diagram on the 1100 front panel.

5. Hold the end of the tape on the take-up reel and turn the reel counter-clockwise for 2 or 3 turns. Visually check to see that the tape is properly threaded on all rollers and guides.

6. Close the door. Press the LOAD button. The arms will move as the reel remove all slack from the tape. The tape will then move forward to the beginning of tape (BOT) marker and stop.

1.2.3. ON LINE OPERATION

Press the ON LINE button to permit the external system to control the recorder. The ON LINE light should immediately come on. The ON LINE button may be pressed while the machine is loading. When the extsrnal system is finished with the tape it may place the recorder off line, turning out the ON LINE light as a signal to the operator. The operator may also place the recorder off line at any time. xbyxxxgxxinxpxxexxix

1.2.4 REWINDING

To rewind the tape press the REWIND button . The tape will rewind to the BOT marker. Pressing the REWIND button also puts the recorder off line.

1.2.5 UNLOADING THE TAPE

1. Rewind the tape to the BOT marker.

2. Press the REWIND Button when the tape stops at the BOT mark. The tape will back up slowly and the arms will allow some slack. When the tape is completely unloaded all motors will stop.

3. Open the door.

4. Wind the end of the tape onto the reel.

5. Remove the reel from the recorder by placing thumbs inside the reel and fingers on the outside of the reel, and pulling.

NOTE: When the power to the machine is turned off, the reels will turn for a few revolutions before coming to rest.

Operating Procedure – continued

1.2.6. DAILY CLEANING

The tape head and other tape path components should be clsaned at the beginning of each shift or workday. Small oxide and dust particles are the greatest enemy of high reliability data recording.

The magnetic head, arm rollers, guide posts and capstan should be cleaned with a dampened lint-free cloth or cotton swab. Isopropyl alcohol, heptane, or a similar solvent is recommended. Wipe all surfaces carefully and thoroughly to remove accumulated tape oxide and dirt.

SECTION 2
1100 DEMONSTRATION

This section explains how to demonstrate the 1100 Mini-Dek with the aid of an internal stunt box (card SB11-1X). It is assumed that the machine has been unpacked, and properly cleaned. A certified 100% error free tape has been loaded and properly threaded. The tape is at BOT. The front panel "On Line" button has been pushed and the "On Line" indicator is lit. The stunt box "Ready" indicator is lit.

2.1 WRITING RECORDS ON TAPE

Set the stunt box slide switch to "Write". Press the "GO" button. Tape should advance, and 256 character records will be continuously written on the tape. The "Data" light should blink on and off, indicating data transfer to the tape. With dual gap machines, read check is taking place along with the writing of data. The "ERR" light will indicate if an error has been found. After the desired length of tape has been written, press the "Stop" button. Tape motion should halt. Press the "EOF" button. An end of file mark will be written on the tape. Press the "Rewind" button. Tape should rewind to BOT and halt. The "Ready" light should then be lit.

2.2 READ RECORDS FROM TAPE

Set the stunt box slide switch to "Read". Press the "Go" button. Tape should advance, and the "Data" light should blink, indicating data transfer . Any detected errors will cause the "ERR" light to blink. The tape will stop at the previously written file mark and the "END" light will be lit. Press the "Rewind" button and the tape will advance to BOT. The "Ready" light will then be lit.

2.3 WRITE CHECK

2.3.1. Single gap machines. In this mode, the 1100 will write a record, reverse the tape and read the record, write another record, etc.   • *read*

2.3.2 Dual gap machines. In this mode the 1100 will write a record, will ~~echo~~ check , then reverse the tape and re-read the record.

Set the slide switch from "Write/Check" to "Read" and back to "Write/Check". Do this before pressing the "GO" button each time this mode is demonstrated. Press the "GO" button and tape will advance, as outlined above in 2.3.1 and 2.3.2. This mode may be halted by pressing the "Stop" button. If desired, an end of file mark may be written by pressing the "EOF" button. The tape may then be rewouhd and read, if desired.