

Field Information Notice

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Date: 4/21/03	
Product: DX-TL2500U	
Subject: Copy Devices and Function	
Target Audience: Sales/Dealers/User	
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GENERAL INFORMATION:

The DX-TL2500U is a 16 Channel Security DVR that records wavelet images on 240GB internal HDD. The DVR supports a variety of copy devices. Because the DX-TL2500U Operating System is preprogrammed into the units controller (not PC based), the peripheral devices supported are specific brand and models. Their command codes have been programmed into the units controller so that when a device is connected to the DVR, it is supported without having to load any drivers or worry about the type and version of Operating System being used. Simply connect the needed device to the units SCSI2 port found on the rear of the DVR, address the connecting drive as #5 for Copy, Power ON the copy device first (if external not CFC) and second Power ON the DVR. You are now ready to copy needed information. Listed below are the external Copy devices and CFC cards supported.

PERIPHERALS:

Copy Devices:

Manufacturer:

Plextor
IOMEGA
ScanDisk

Model Description:

CD W4012TSE (External SCSI2 only)
250MB Zip Drive (External SCSI)
64MB and 128MB CFC Card

SCSI number chart

SCSI ID Number	ID4 + ID6	Connected device	Purpose	Notes
0				
1		HDD	#1	Maximum recording capacity is 2TB per unit.
2			HDD expansion/	
3			HDD recording	
4	[ARCHIVE COPY]	DDS/RDD	Archive	Maximum recording capacity is 130GB per unit.
		HDD		Maximum recording capacity is 2TB per unit.
	[HDD]	HDD	#1	
5	[ARCHIVE COPY]	DDS/RDD	Archive	Maximum recording capacity is 130GB per unit.
		HDD		Maximum recording capacity is 2TB per unit.
	[HDD]	HDD	#1	

* RDD: Abbreviation of removable disk drive.

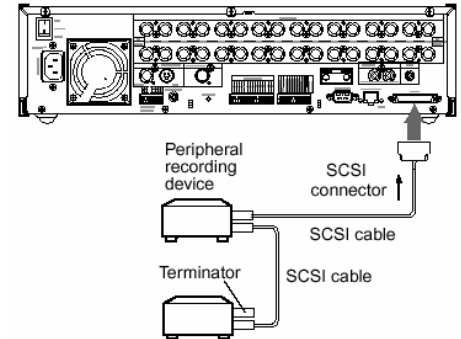
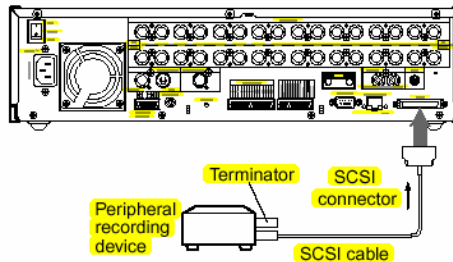
Select a disk drive which can eject the recording medium.

* HDD: Abbreviation of hard disk drives.

Please use those which include self-defect capabilities.

* DDS: Abbreviation of digital data storage.

Select a recording medium which uses tape.



ⓘ See operating manuals bundled with each peripheral recording device for instructions on setting the SCSI ID number.

Connecting Devices:

As mentioned above, connecting the peripheral device is simple. Follow the steps below to connect a copy device.

1. Power OFF the DVR
2. Copy CD-RW (Example device is Plextore CD-RW)
 - a. Connect SCSI cable to CD-RW SCSI IN connector and other side of cable to DVR SCSI connector.
 - b. Set CD-RW Rotary switch found next to power cable to ID #5. Also, check that the switch block below the rotary switch settings are 1, 2 and 5 set to ON, and 3 and 4 set to OFF. Note, switch #2 in this switch block provides self termination and no terminator is needed on the SCSI OUT connector.
3. Power ON the Copy device before turning ON DVR. To OPEN the CD door, press the EJECT button on the front of the DVR. Do not use the CD EJECT button to OPEN the CD tray. After inserting a blank CD, push on the CD door to close the CD door
4. Refer to the above diagrams for device and connecting information.

The Copy Function:

Data in DVRs HDD or SUB HD (when partitioned) can be copied to a Copy device. Also, data from Copy device can be RESTORED to DVRs HDD. A Copy example is given below to show how to use the copy function.

Copy to CD (use the inner JOG to move cursor UP/Down/Across/Make Change/ use Outer Shuttle to Select and Exit):

1. Ensure blank CD is in CD-RW drive (use DVR EJECT button).
2. Press COPY button on front panel of DVR.
3. When menu appears select COPY DIRECTION and select Main HDD -> COPY
4. For MODE leave at OVERWRITE. This will overwrite any data found on CD-RW. If you do not want to overwrite data, select NO OVERWRITE.
5. For TRANSFER PERIOD select START to END (must input time)
 - a. START – sets the recording Start Time
 - b. LATEST DATA – Starts coping from the end point according to the available memory or space in copy device.
 - c. Go to START and input START Date and Time of needed recording and then go to END and input END time of needed recording.
6. Go to EXECUTE and use Outer/Shuttle Ring to Start Copy process. The DVR will display from 0% (start) to 100% (complete).
7. Follow the same procedures when copying to other medias such as CFC or ZIP disk.

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<COPY>
>>DIRECTION      MAIN HDD->COPY
MODE              OVERWRITE
TRANSFER PERIOD  START END
START            01-01-2003 00:00:00
END              01-01-2003 00:00:10

EXECUTE
  
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NOTE: If a COPY/SIZE/DATA ERROR occurs during the copy process, it means that the size of the data is to large, lower the range to be copied and try again.

Coping To VCR:

Data can be copied to a VCR tape.

1. Connect the Video and Audio Out from the DVR front panel to the VCR Video and Audio IN terminals.
2. Power Up both devices, and insert a blank VHS tape in the VCR
3. A simple and quick copy process is to review needed video from DVR and press REC on VCR. If only one channel needs to be copied, press the needed channel button on the DVR to select full screen and press REC on VCR and Play on DVR. This will record what ever image is being reviewed.

