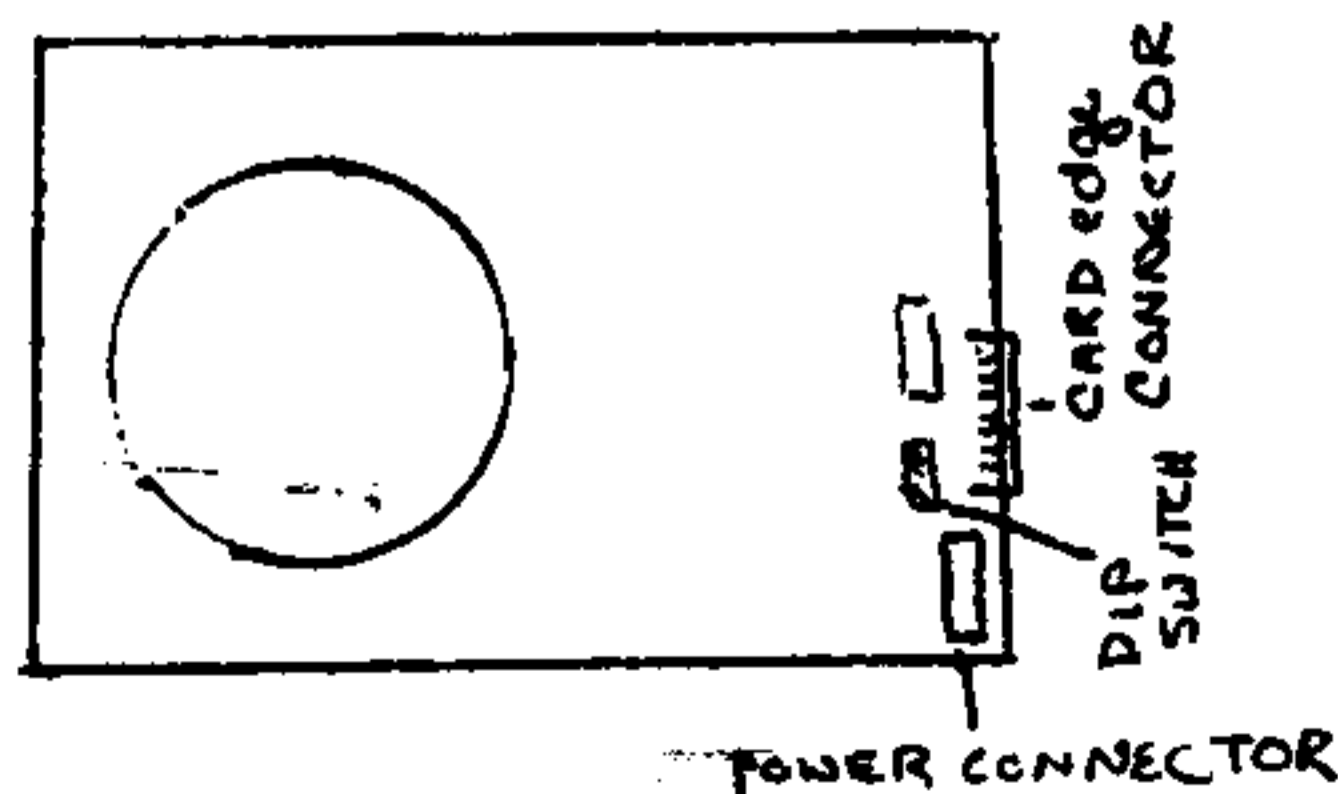


## INSTALLING TEAC HALF-HEIGHT DISK DRIVES

1. Your Teac half-height disk drive should be installed in either a peripheral expansion box or an external box and power supply so that the drive's gate handle is at the top of the drive (or to the left in a horizontal configuration).
2. If installing 2 Teac drives in one area, be sure the lower numbered drive is to the left.
3. If you are using Corcomp's disk controller, or the internal port of the TI disk controller card, you will need 1 pin type drive cable (#30751) to install 1 drive. To install two drives, you will need 1 Y cable kit (31045). The Y cable kit should include a Y drive cable, and a Y power cable.
4. If you are using the external port of the TI disk controller card, you will need 1 card edge type drive cable (#10178) to install 1 drive. To install two drives, you will need 1 Y cable kit (31523). The Y cable kit should include a Y drive cable, and a Y power cable.
5. Connect the appropriate end of the drive cable to the disk controller. In an expansion box, feed the rest of the cable into the disk drive compartment. Connect the drive end of the cable to the gold card edge connector on the back of the Teac drive(s).
6. If you are installing two drives, connect the Y power adapter to the power connector in the expansion box.
7. Connect the white, 4 pin power connector to the Teac drive(s).
8. Carefully slide the drives into the expansion box, and mount with the mounting screws.
9. The Teac drive should now be ready for use. Note that a disk should be inserted with the write protect notch facing down, and the disk's label facing to the left.



## CONFIGURING TEAC HALF-HEIGHT DISK DRIVES

The Teac half-height disk drive is one of the finest disk drives available for your TI System. The drive's sleek design and low power consumption allow two drives to be installed in either the TI Peripheral Expansion Box or an external Box and Power Supply. The Teac drive is a double sided drive, and, when used with the CorComp Disk Controller Card, provides double density data storage.

The TI Disk controller card will control up to three disk drives, and the Corcomp Disk Controller will control up to 4 disk drives. Each Teac drive must be set to indicate which position it will occupy (DSK1, DSK2, DSK3, or DSK4). The drives are factory set to the "DSK1" (first drive) position. If you wish to use a Teac drive as a second, third, or fourth drive, you must change the settings of the drive's pin-type dip switch.

1. Carefully remove the drive from it's packing material and place the drive on a flat surface. Place the drive so the circuit board is facing up, and the disk drive door is facing away from you.
2. The drive's white 4 pin power connector should be nearest you on the left. To the right of this, is the gold card edge interface connector. The pin-type dip switch is located on the circuit board, about 1/2" behind the left side of the card edge connector. (See diagram)
3. The switch consists of 7 pairs of vertical pins in a row. Each pair is labeled on the circuit board, from left to right, as: HS, DS0, DS1, HM, DS2, DS3, and MX. The two left-most pairs of pins (HS and DS0) are each covered by a rectangular jumper connector. This is the proper configuration for the DSK1 position.
4. Resetting the switch involves removing the jumper between the 2nd pair of pins (DS0) and replacing it on the correct pair of pins (DS1, DS2, or DS3). (Note here that the label on the circuit board is always one number lower than the position the drive is to occupy. Drive two should have a jumper cable on DS1, Drive three on DS2, and so on.)
5. To remove the jumper, grasp it firmly, (tweezers or needle nosed pliers may help here) and pull straight up. Replace the jumper on the correct set of pins as follows:

<u>Drive Position</u>	<u>Jumper Connector</u>
DSK1 (1st drive)	DS0 (2nd pair from left)
DSK2 (2nd drive)	DS1 (3rd pair from left)
DSK3 (3rd drive)	DS2 (5th pair from left)
DSK4 (4th drive)	DS3 (6th pair from left)

You should repeat this procedure for each Teac drive you are going to install in any position other than the DSK1 position.

Your Teac disk drives should now be properly configured and ready to install.

## CONFIGURING HALF-HEIGHT DISK DRIVES

This half-height disk drive is one of the finest disk drives available for your TI System. The drive's sleek design and low power consumption allow two drives to be installed in either the TI Peripheral Expansion Box or an external Box and Power Supply. The drive is a double sided drive, and, when used with the CorComp or Myarc Disk Controller Card, provides double density data storage.

The TI Disk controller card will control up to three disk drives, and the Corcomp or Myarc Disk Controller will control up to 4 disk drives. Each drive must be set to indicate which position it will occupy (DSK1, DSK2, DSK3, or DSK4). The drives are factory set to the "DSK1" (first drive) position. If you wish to use this drive as a second, third, or fourth drive, you must change the settings of the drive's pin-type dip switch.

1. Carefully remove the drive from its packing material and place the drive on a flat surface. Place the drive so the circuit board is facing up, and the disk drive door is facing away from you.

2. The drive's white 4 pin power connector should be nearest you on the left. To the right of this, is the gold card edge interface connector. The pin-type dip switch is located on the circuit board, above the left side of the card edge connector. (See diagram)

3. The switch consists of 5 pairs of vertical pins in a row. Each pair is labeled on the circuit board, from left to right, as: MX, DS0, DS1, DS2, DS3. The pair of pins second from the left is covered by a rectangular jumper connector. This is the proper configuration for the DSK1 position.

4. Resetting the switch involves removing the jumper between the 2nd pair of pins (DS0) and replacing it on the correct pair of pins (DS1, DS2, or DS3). (Note here that the label on the circuit board is always one number lower than the position the drive is to occupy. Drive two should have a jumper cable on DS1, Drive three on DS2, and so on.)

5. To remove the jumper, grasp it firmly, (tweezers or needle nosed pliers may help here) and pull straight up. Replace the jumper on the correct set of pins as follows:

<u>Drive Position</u>	<u>Jumper Connector</u>
DSK1 (1st drive)	DS0 (2nd pair from left)
DSK2 (2nd drive)	DS1 (3rd pair from left)
DSK3 (3rd drive)	DS2 (4th pair from left)
DSK4 (4th drive)	DS3 (5th pair from left)

You should repeat this procedure for each drive you are going to install in any position other than the DSK1 position.

Your disk drives should now be properly configured and ready to install.

## INSTALLING HALF-HEIGHT DISK DRIVES

1. Your half-height disk drive should be installed in either a peripheral expansion box or an external box and power supply so that the drive's gate handle is at the top of the drive (or to the left in a horizontal configuration).
2. If installing 2 drives in one area, be sure the lower numbered drive is to the left.
3. If you are using Corcomp's or Myarc's disk controller, or the internal port of the TI disk controller card, you will need 1 pin type drive cable (#30751) to install 1 drive. To install two drives, you will need 1 Y cable kit (31045). The Y cable kit should include a Y drive cable, and a Y power cable.
4. If you are using the external part of the TI disk controller card, you will need 1 card edge type drive cable (#10178) to install 1 drive. To install two drives, you will need 1 Y cable Kit (31523). The Y cable kit should include a Y drive cable, and a Y power cable.
5. Connect the appropriate end of the drive cable to the disk controller. In expansion box, feed the rest of the cable into the disk drive compartment. Connect the drive end of the cable to the gold card edge connector on the back of the drive(s).
6. If you are installing two drives, connect the Y power adapter to the power connector in the expansion box.
7. Connect the white, 4 pin power connector to the drive(s).
8. Carefully slide the drives into the expansion box, and mount with the mounting screws.
9. The drive should now be ready for use. Note that a disk should be inserted with the write protect notch facing away from the light.

