



Integration Guide

TC-133 Tape Coupler

TC-133 Tape Coupler has been tested and verified by Engineering for use in the following tape drives and Data General CPUs.

SECTION A: Data General Processors

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Operating System/s

CPU	Driver: 6021/MTX	Driver: 6125/MTA
NOVA 3	RDOS (6.0 TO 7.5)	N/A
NOVA 4	RDOS (6.0 TO 7.5)	N/A
S/120	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
S/140	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
S/280	RDOS (7.0 TO 7.5)	AOS (6.0 TO 7.0)
M/600	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
C/150	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
S/130	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
S/230	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
C/330	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)

NOTE: TC-133 interfaces via the Data Channel (DCH).

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SECTION B: Verified Tape Drives

LEGEND: SS = Start/Stop
S = Streamer

Drive Model	800 bpi (NRZI)			1600 bpi (PE)			6250 bpi (GCR)		
	TYPE	IPS	KB/sec	TYPE	IPS	KB/sec	TYPE	IPS	KB/sec
Cipher F880				S	100	160			
CDC 92185-01				S	75	120	S	75	469
Fujitsu 2444				S	75	120	S	75	469
Kennedy 9400	SS	75	60	SS	75	120	SS	45	281
Kennedy 9600	S	100	80	S	100	160			
STC 2921				SS	50	80	SS	50	312
Telex 9251	SS	50	40	SS	50	80	SS	50	312

SECTION C: If you know of devices, other than those listed in Section B, that are running with TC-133, please write or telex our Customer Support Group with the information so they can be added to this section.

Kennedy 6455-002

TC-133 FEATURES SUMMARY

- ** Supports drives with data transfer rates up to 1 MB/sec.
- ** Fully emulates DG's 6125 & 6021.
- ** Tri-density selection may be made from tape drive.
- ** Fits both FCC and non-FCC chassis.

TC-133 Integration Guide



TC-133 Tape Coupler has been tested and verified by Engineering for use in the following tape drives and DG CPU's.

SECTION A: DATA GENERAL PROCESSORS

CPU	Operating System/s	
	Driver: 6021/MTX	Driver: 6125/MTA
NOVA 3	RDOS (6.0 TO 7.5)	N/A
NOVA 4	RDOS (6.0 TO 7.5)	N/A
S/120	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
S/140	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
S/280	RDOS (7.0 TO 7.5)	AOS (6.0 TO 7.0)
M/600	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
C/150	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
S/250	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
C/350	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
S/130	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
S/230	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)
C/330	RDOS (6.0 TO 7.5)	AOS (6.0 TO 7.0)

NOTE: TC-133 interfaces via the Data Channel (DCH).

SECTION B: VERIFIED DRIVES

Tape Drive Legend: SS = Start/Stop, S = Streamer

Drive Model	800 bpl (NRZI)			1600 bpl (PE)			6250 bpl (GCR)		
	type	ips	KB/sec	type	ips	KB/sec	type	ips	KB/sec
Cipher F880				S	100	160			
CDC 92185-01				S	75	120	S	75	469
Fujitsu 2444*				S	75	120	S	75	469
Kennedy 9400	SS	75	60	SS	75	120	SS	45	281
Kennedy 9600	S	100	80	S	100	160			
STC 2921				SS	50	80	SS	50	312
Telex 9251	SS	50	40	SS	50	80	SS	50	312

* The optional CACHE buffer has not yet been tested in Zetaco labs.

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Kennedy 6455-002

TC-133 FEATURES SUMMARY:

- * Supports drives with data transfer rates up to 1 MB/sec.
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ZETACO TC-133 TAPE COUPLER

Problem: Booting RDOS rev. 7.5 Build Tape

Solution: Replace EPROM

1. Locate the TC-133 Tape Coupler in the computer chassis. Remove the controller, noting the chassis slot number it occupies, and lay on a flat surface. Remove board cover by taking out four corner screws.
2. At location A8, the EPROM 2716 is to be replaced with the new component 2716.
3. The components have been socketed for easy removal and insertion. Note the direction of the notch in the original component. Insert a small screwdriver between the component and socket and gently lift the component up and out.
4. Remove the new component from its container. Each component has a notch on one edge. Orient the notch in the same direction as the original component, which is towards the handle edge.
5. Insert the new component in its proper socket, making sure that the pins line up with the socket holes (the pins can become bent otherwise). Apply slight pressure until the component is properly seated, making sure that pins do not bend during insertion. Inspect for bent or out of socket pins. Reattach the board cover using the four screws.
6. Re-insert the controller into the proper chassis slot and apply slight pressure on the plastic handles until it is fully seated. Apply power - you are ready for re-use.