

Integration Guide

Revision History

Rev.	Description	Engineering	Marketing	C. Support
A	RELEASE	RR	GB	TL
B	Add MV/40000 to Sec A	RR	GB	TL
C	Add AOS/VS II	RR	GB	CD
D	Add AOS/VS II Rev 2 & MV/950	RR	GB	CD
E	Typo	RR	GB	CD
F	Add Telex 9271 Delete DG/UX	RR	GB	CD

Model: BMX-2

Part Number: 940-001-00

Rev: F

Integration Guide

BMX-2 Tape Coupler

BMX-2 Tape Coupler has been tested and verified by Engineering for use with the following tape drives and Data General CPUs.

SECTION A: DATA GENERAL PROCESSORS

BUS STRUCTURE & DRIVER/EMULATION:

CPU MODEL	DCH 6026/MTX	DCH 6026/MTB	BMC (MTD) 6300/4307
NOVA 3	RDOS (7.0 to 7.5)	N/A	N/A
NOVA 4	RDOS (7.0 to 7.5)	N/A	N/A
S/120	RDOS (7.0 to 7.5)	AOS (6.0 to 7.0)	N/A
S/140	RDOS (7.0 to 7.5)	AOS (6.0 to 7.0)	N/A
S/280	RDOS (7.0 to 7.5)	AOS (6.0 to 7.0)	N/A
M/600	RDOS (7.0 to 7.5)	AOS (6.0 to 7.0)	N/A
C/150	RDOS (7.0 to 7.5)	AOS (6.0 to 7.0)	N/A
S/130	RDSO (7.0 to 7.5)	AOS (6.0 to 7.0)	N/A
MV/4000	N/A	AOS/VS (5.0 to 7.67)	AOS/VS (5.0 to 7.67) AOS/VS II (2.02)
MV/6000	N/A	AOS/VS (5.0 to 7.67)	AOS/VS (5.0 to 7.67) AOS/VS II (2.02)
MV/7800C,U	N/A	AOS/VS (6.06 OR 7.67)	AOS/VS (6.06 OR 7.67) AOS/VS II (2.02)

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MV/7800XP	N/A	AOS/VS (7.57 to 7.67)	AOS/VS (7.57 to 7.67) AOS/VS II (2.02)
MV/8000II,C	N/A	AOS/VS (5.0 to 7.67)	AOS/VS (5.0 to 7.67) AOS/VS II (2.02)
MV/10000	N/A	AOS/VS (5.0 to 7.67)	AOS/VS (5.0 to 7.67) AOS/VS II (2.02)
MV/15000	N/A	AOS/VS (7.55 to 7.67)	AOS/VS (7.55 to 7.67) AOS/VS II (2.02)
MV/20000	N/A	AOS/VS (6.54 OR 7.67)	AOS/VS (6.54 OR 7.67) AOS/VS II (2.02)
MV/40000*	NA	AOS/VS (7.67)	AOS/VS (7.67) AOS/VS II (2.02)
MV/9500	N/A	AOS/VS (7.67)	AOS/VS (7.67) AOS/VS II (2.02)

* MV/40000 CPU requires BMX-2A, which comes with an MV/40000 cable harness.

BMX-2 FEATURES SUMMARY

- Supports data transfer rates up to 2MB/second
- Tri-density select may be done on the tape drive, or remotely from the console. If selected from the console, any two of the three may be chosen under AOS or AOS/VS. Note that RDOS does not support remote density select.
- Plug-compatible with FCC-hardened and non-FCC chassis
- Interfaces either the BMC or DCH

SECTION B: VERIFIED TAPE DRIVES

LEGEND: SS = Start/Stop
 S = Streamer
 SS/S = Start/Stop & 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 2442				S	100	160	S	100	625
Fujitsu 2444				S	75	120	S	75	469
Fujitsu 2436				SS/S	200	320	SS/S	200	1250
Kennedy 9400	SS	75	60	SS	75	120	SS	45	281
Kennedy 9600	S	100	80	S	100	160			
Kennedy 9610	SS	50	40	SS	100	160	SS	100	625
STC 2921				SS	50	80	SS	50	312
STC 2922				SS/S	100	160	SS/S	100	625
Telex 9251	SS	50	40	SS	50	80	SS	50	312
Telex 9271				SS	75	120	SS	75	468

Megatape MT500 Streams at 180 ips (10,666 bpi), resulting in 250 KB/sec.
 Megatape MT750 Streams at 180 ips (16,000 bpi), resulting in 250 KB/sec.

SECTION C: OTHER DISK DRIVES

If you know of devices other than those listed in Section B that are running with BMX-2, please write or FAX our Customer Support Group with the information so they can be added to this section.

Cipher M990
STC-2925