

# BDRES

## FUNCTION

Copies one or more AMOS logical disks from a recordable DVD-RAM or Blu-ray media in a supported DVD-RAM or Blu-ray drive to AMOS logical disks. The logical disk(s) being copied to must be the same bitmap word size as the AMOS logical disk if the entire logical is being copied without wild carding. If wild carding is being used, then any file on any logical can be copied to any AMOS logical with sufficient unused capacity.



BDRES is only supported on AM-8000, Eagle 800, and AMPC 7.X systems.

## CHARACTERISTICS

BDRES copies logical AMOS disk(s) from a DVD-RAM or Blu-ray media to an AMOS disk drive. The DVD-RAM or Blu-ray media AMOS disk and the AMOS disk being copied to must be the same bitmap word size if the entire logical is being copied without wild carding. The BDRES software will copy logical drives of differing sizes if the logical is being copied with wild carding. BDRES will not allow for differing bitmap size logicals to be copied without wild carding. If an unequal bitmap word size is tried, BDRES will ignore the request and continue with the restoring.

## FORMAT

**BDRES {switches}**

## OPTIONS

/HELP	Display the available options and exits
/?	Same as /HELP
/DEV:xxx:	Uses device and driver named xxx: instead of the default DVD:
/ID:n	Uses the DVD-RAM or Blu-ray Drive at SCSI ID n instead of scanning the SCSI bus to find a DVD-RAM Drive. The ID can be from 0 to 15.
/V	Display version information.
/PIC	Display Product Installation Code

## OPERATION



BDRES works best on a job with 132 columns set as the terminal width.

Before starting the program, place the DVD-RAM or Blu-ray media with the logicals you wish to copy in the DVD-RAM or Blu-ray drive. Then type BDRES from the AMOS prompt:

```
BDRES RETURN
```

BDRES will attempt to find a DVD-RAM or Blu-ray drive that is compatible with the driver being used. The driver must have the same name as the DVD-RAM or Blu-ray drive device name and be loaded in system memory. BDRES will find the drive either using the command line switches /DEV and /ID or by defaulting to DBD:. If more than one DVD-RAM or Blu-ray type device is found when scanning the SCSI bus, you will be asked to choose the device you wish to use for copying from.

After entering the BDRES command, the following will be displayed:

```
BDRES Version X.X(xxx)- x - Copyright 2007, Alpha Microsystems
```

If BDRES finds multiple possible DVD-RAM or Blu-ray drives while scanning the SCSI bus, the following message will be displayed to allow you to select the drive to use:

```
Found the following possible DBD-Recorders:
      ID      Description
  1.   nn      xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
  2.   nn      xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
```

Select one of the above devices:

More information about the DVD-RAM or Blu-ray drive, driver, and media contents is displayed:

```
DVD-RAM, BLU-RAY drive found at SCSI id: 4
```

ITEM	Total	Used	Free	words	SOL	SOL	SPEC	T	L
DBD000:	307200.	20928.	286272.	19200.	0	0 blk	REX000:	E	AM-8000 8.0 Release & Static Files .....
DBD001:	307200.	216928.	90272.	19200.	1470	3 blk	REX001:	E	AM-8000 8.0 Build & Source Files .....
DBD002:	307200.	2617.	304583.	19200.	E849	2 blk	REX002:	E	AM-8000 EAMOS Release .....
DBD003:	307200.	36155.	271045.	19200.	EAD8	2 blk	REX003:	E	CD AMOS Release 01/31/2006 .....
DBD004:	307200.	63972.	243228.	19200.	10E28	0 blk	REX004:	E	AlphaTCP 1.5A Source & Release .....
DBD005:	307200.	7085.	300115.	19200.	14CA1	3 blk	REX005:	E	AlphaNET 2.4(159)-4 Rel & Src .....
DBD006:	307200.	57016.	250184.	19200.	1538D	3 blk	REX006:	E	AlphaFAX 2.1(100)-1 Rel & Src .....
DBD007:	307200.	17996.	289204.	19200.	18B3C	2 blk	REX007:	E	MULTI 2.1(192)10 rEL & sRC .....
DBD008:	307200.	40664.	266536.	19200.	19CD0	1 blk	REX008:	E	AlphaODBC 1.0(100) Rel & Src .....
DBD009:	307200.	8072.	299128.	19200.	1C487	0 blk	REX009:	E	AlphaMAIL 1.2B PR09/05 .....
DBD010:	307200.	32551.	274649.	19200.	1CC69	3 blk	REX010:	E	Xadmin Release & *.INIs .....
DBD011:	307200.	3804.	303396.	19200.	1EC34	1 blk	REX011:	E	Command & Do Files .....
DBD012:	307200.	84153.	223047.	19200.	1EFEC	0 blk	REX012:	E	Open Logical...REX12:.....
DBD013:	307200.	19063.	288137.	19200.	2421B	0 blk	REX013:	E	AMPC 7.0 Release .....
DBD014:	307200.	52946.	254254.	19200.	254B9	2 blk	REX014:	E	AlphaODBC 1.0(100) Rel & Src ver. 1.4Y .
DBD015:	307200.	241467.	65733.	19200.	2886E	3 blk	REX015:	E	Open Logical...REX15:.....
TOTAL:	4915200.	905417.	4009783.						
(megabytes)	2400.000	442.098	1957.901						
(gigabytes)	2.3438	0.4317	1.9120						

Logical Type:  
 S = Standard  
 E = Extended

DBD media contains 16 logical units.

BDRES then asks for the DBD logical(s) that you wish to copy from the backup media.

Which DBD Logical(s) would you like to restore?

Each DBD Logical entered may have one MASK following it. A space must separate the DBD Logical and the MASK. MASK characters are (?) & (\*). (e.g.: DBD0: \*.DIR[1,2], DBD5: A\*.LIT[1?\*,\*] or DBD16: FLP\*.\*[ ] ) Enter the list of disk Logical(s) to be transferred. Disk Logical(s) may be entered as a range (e.g.: DBD0: -20 for DBD0: thru DBD20:), or may be comma separated. The list is terminated with a blank line:

```
*DBD0: -15
```

Which Disk Logical(s) would you like to restore to?

Enter list of disk Logical(s) to be transferred. Disk Logical(s) may be entered as a range (e.g.: DBD0: -20 for DBD0: thru DBD20:), or may be comma separated, The list is terminated with a blank line:

```
*UPD0: -15
```

If no wildcarding is used, a Note is displayed warning you that all data on these logical(s) will be lost and asking you to enter "YES" to continue. If "YES" is entered the entire logical(s) will be copied. The copying process then begins. As it progresses, status messages are displayed.

Following are samples of a BDRES process. The first sample has no wildcarding, and the second sample shows the process with wildcarding:

### **SAMPLE 1:**

\*

```
---- Date & Time: Thu 5-Jul-2007 11:38:01 AM
```

```
Note: One or more logical(s) have no wildcarding assigned.
Therefore, these logical(s) will have their label block, MFD, UFDs,
bitmap and data blocks restored from the backup. All data currently
on these logical(s) will be lost.
```

```
Are you sure that you want to do this? If so enter "yes". YES
```

```
DBD0: [19200.] 150 Mb ----> UPD0: [19200.] 150 Mb
Used Blocks: [20928.] Total: [20928.] [ 10.219 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:40:37 AM
Restoring.....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:40:51 AM Elapsed Time: 00:00:14 747.429 Kbytes per second

DBD1: [19200.] 150 Mb ----> UPD1: [19200.] 150 Mb
Used Blocks: [216928.] Total: [237856.] [ 116.141 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:40:57 AM
Restoring.....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:43:20 AM Elapsed Time: 00:02:23 758.490 Kbytes per second
```

---

```
DBD2: [19200.] 150 Mb ----> UPD2: [19200.] 150 Mb
Used Blocks: [2617.] Total: [240473.] [ 117.418 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:43:24 AM
Restoring.....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:43:26 AM Elapsed Time: 00:00:02 654.250 Kbytes per second

DBD3: [19200.] 150 Mb ----> UPD3: [19200.] 150 Mb
Used Blocks: [36155.] Total: [276628.] [ 135.072 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:43:29 AM
Restoring.....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:43:53 AM Elapsed Time: 00:00:24 753.229 Kbytes per second

DBD4: [19200.] 150 Mb ----> UPD4: [19200.] 150 Mb
Used Blocks: [63972.] Total: [340600.] [ 166.309 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:43:58 AM
Restoring.....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:44:40 AM Elapsed Time: 00:00:42 761.571 Kbytes per second

DBD5: [19200.] 150 Mb ----> UPD5: [19200.] 150 Mb
Used Blocks: [7085.] Total: [347685.] [ 169.768 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:44:43 AM
Restoring .....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:44:48 AM Elapsed Time: 00:00:05 708.500 Kbytes per second

DBD6: [19200.] 150 Mb ----> UPD6: [19200.] 150 Mb
Used Blocks: [57016.] Total: [404701.] [ 197.608 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:44:52 AM
Restoring.....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:45:29 AM Elapsed Time: 00:00:37 770.486 Kbytes per second

DBD7: [19200.] 150 Mb ----> UPD7: [19200.] 150 Mb
Used Blocks: [17996.] Total: [422697.] [ 206.395 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:45:33 AM
Restoring .....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:45:45 AM Elapsed Time: 00:00:12 749.833 Kbytes per second

DBD8: [19200.] 150 Mb ----> UPD8: [19200.] 150 Mb
Used Blocks: [40664.] Total: [463361.] [ 226.250 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:45:48 AM
Restoring .....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:46:15 AM Elapsed Time: 00:00:27 753.037 Kbytes per second

DBD9: [19200.] 150 Mb ----> UPD9: [19200.] 150 Mb
```

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```
Used Blocks: [8072.] Total: [471433.] [ 230.192 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:46:18 AM
Restoring .....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:46:23 AM Elapsed Time: 00:00:05 807.200 Kbytes per second

DBD10: [19200.] 150 Mb ----> UPD10: [19200.] 150 Mb
Used Blocks: [32551.] Total: [503984.] [ 246.086 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:46:27 AM
Restoring .....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:46:49 AM Elapsed Time: 00:00:22 739.795 Kbytes per second

DBD11: [19200.] 150 Mb ----> UPD11: [19200.] 150 Mb
Used Blocks: [3804.] Total: [507788.] [ 247.943 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:46:52 AM
Restoring .....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:46:55 AM Elapsed Time: 00:00:03 634.000 Kbytes per second

DBD12: [19200.] 150 Mb ----> UPD12: [19200.] 150 Mb
Used Blocks: [84153.] Total: [591941.] [ 289.034 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:46:59 AM
Restoring .....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:47:55 AM Elapsed Time: 00:00:56 751.366 Kbytes per second

DBD13: [19200.] 150 Mb ----> UPD13: [19200.] 150 Mb
Used Blocks: [19063.] Total: [611004.] [ 298.342 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:47:59 AM
Restoring .....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:48:11 AM Elapsed Time: 00:00:12 794.292 Kbytes per second

DBD14: [19200.] 150 Mb ----> UPD14: [19200.] 150 Mb
Used Blocks: [52946.] Total: [663950.] [ 324.194 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:48:15 AM
Restoring .....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:48:50 AM Elapsed Time: 00:00:35 756.371 Kbytes per second
Restored (0.) Files.

DBD15: [19200.] 150 Mb ----> UPD15: [19200.] 150 Mb
Used Blocks: [241467.] Total: [905417.] [ 442.098 Mb ]
--- Date & Time: Thu 5-Jul-2007 11:48:54 AM
Restoring .....
Logical has been restored & remounted.
--- Date & Time: Thu 5-Jul-2007 11:51:37 AM Elapsed Time: 00:02:43 740.696 Kbytes per second

---- Date & Time: Thu 5-Jul-2007 11:51:37 AM Elapsed Time: 00:13:36
DBD Logicals are being uninstalled.
```

The program has completed.

**SAMPLE 2:**

.BDRES

BDRES Version 8.0(101)-13 - Copyright 2007, Alpha Microsystems

Found the following possible DBD-Recorders:

- |    | ID | Description              |
|----|----|--------------------------|
| 1. | 5  | SONY BDRW BWU-100A       |
| 2. | 4  | HL-DT-STDVD-RAM GSA-H22N |

Select one of the above devices: 1  
 DVD-RAM, BLU-RAY drive found at SCSI id: 5

-ITEM-	---Total---	---Used---	---Free---	---BITMAP---	---SECTOR---	---OFFSET---	---DEV---	L	-----L-A-B-E-L-----
				---words---	---SOL---	---SOL---	---SPEC---	T	
DBD000:	231424.	60.	231364.	14464.	0	0 blk	TST000:	E	Open Logical...TST00:.....
DBD001:	231424.	60.	231364.	14464.	F	3 blk	TST001:	E	Open Logical...TST01:.....
DBD002:	231424.	1154.	230270.	14464.	1F	2 blk	TST002:	E	Open Logical...TST02:.....
DBD003:	231424.	137.	231287.	14464.	140	3 blk	TST003:	E	Open Logical...TST03:.....
DBD004:	231424.	60.	231364.	14464.	163	3 blk	TST004:	E	Open Logical...TST04:.....
DBD005:	231424.	60.	231364.	14464.	173	2 blk	TST005:	E	Open Logical...TST05:.....
DBD006:	231424.	60.	231364.	14464.	183	1 blk	TST006:	E	Open Logical...TST06:.....
DBD007:	231424.	60.	231364.	14464.	193	0 blk	TST007:	E	Open Logical...TST07:.....
DBD008:	231424.	60.	231364.	14464.	1A2	3 blk	TST008:	E	Open Logical...TST08:.....
DBD009:	231424.	60.	231364.	14464.	1B2	2 blk	TST009:	E	Open Logical...TST09:.....
DBD010:	231424.	60.	231364.	14464.	1C2	1 blk	TST010:	E	Open Logical...TST10:.....
DBD011:	231424.	60.	231364.	14464.	1D2	0 blk	TST011:	E	Open Logical...TST11:.....
DBD012:	231424.	60.	231364.	14464.	1E1	3 blk	TST012:	E	Open Logical...TST12:.....
DBD013:	231424.	60.	231364.	14464.	1F1	2 blk	TST013:	E	Open Logical...TST13:.....
DBD014:	231424.	60.	231364.	14464.	201	1 blk	TST014:	E	Open Logical...TST14:.....
DBD015:	231424.	60.	231364.	14464.	211	0 blk	TST015:	E	Open Logical...TST15:.....
DBD016:	231424.	60.	231364.	14464.	220	3 blk	TST016:	E	Open Logical...TST16:.....
DBD017:	231424.	60.	231364.	14464.	230	2 blk	TST017:	E	Open Logical...TST17:.....
DBD018:	231424.	60.	231364.	14464.	240	1 blk	TST018:	E	Open Logical...TST18:.....
DBD019:	231424.	60.	231364.	14464.	250	0 blk	TST019:	E	Open Logical...TST19:.....
DBD020:	1048576.	183837.	864739.	65537.	25F	3 blk	NEW000:	E	Open Logical...NEW00:.....
DBD021:	20480.	21.	20459.	1280.	B5E7	3 blk	ACC000:	E	General Information .....
DBD022:	20480.	12771.	7709.	1280.	B5ED	3 blk	ACC001:	E	AMOS 1.4E PR06/2000 .....
DBD023:	20480.	18477.	2003.	1280.	C267	1 blk	ACC002:	E	AMOS 2.3A PR08/2002 .....
DBD024:	20480.	6545.	13935.	1280.	D473	1 blk	ACC003:	E	Eagle 100TX Terminal Server Flash Rel. .
DBD025:	20480.	5723.	14757.	1280.	DAD8	1 blk	ACC004:	E	Eagle 100MX Fax Server Flash Release ...
DBD026:	20480.	12079.	8401.	1280.	E06F	3 blk	ACC005:	E	Eagle 100MX Fax Server Disk Release ....
DBD027:	20480.	6926.	13554.	1280.	EC3C	1 blk	ACC006:	E	Eagle 450 TX Terminal Server Flash Rel.
DBD028:	20480.	2106.	18374.	1280.	F300	2 blk	ACC007:	E	AlphaFAX 2.0 PR10/99 .....
DBD029:	20480.	5925.	14555.	1280.	F50F	3 blk	ACC008:	E	AlphaTCP 1.5A PR08/2002 .....
DBD030:	20480.	3000.	17480.	1280.	FAD9	3 blk	ACC009:	E	AlphaWRITE 1.2A PR08/2000 .....
DBD031:	20480.	6914.	13566.	1280.	FDC8	2 blk	ACC010:	E	AlphaWRITE 2.2 PR06/2000 .....
DBD032:	20480.	1268.	19212.	1280.	10489	3 blk	ACC011:	E	AlphaCALC 2.0 PR4/99 .....
DBD033:	20480.	1759.	18721.	1280.	105C7	2 blk	ACC012:	E	ESP 2.2 PR10/99 .....
DBD034:	20480.	564.	19916.	1280.	10780	0 blk	ACC013:	E	AlphaNET 2.4 PR10/99 .....
DBD035:	20480.	216.	20264.	1280.	1080D	3 blk	ACC014:	E	OS/EXEC 1.0 .....
DBD036:	20480.	2065.	18415.	1280.	10844	2 blk	ACC015:	E	Versicom-Plus 3.1 PR08/2002 .....
DBD037:	20480.	907.	19573.	1280.	10A49	2 blk	ACC016:	E	Appointment Scheduler 3.5 .....
DBD038:	20480.	154.	20326.	1280.	10B2D	0 blk	ACC017:	E	AlphaRJE 4.0 PR10/96 .....
DBD039:	20480.	529.	19951.	1280.	10B54	1 blk	ACC018:	E	InSight/am Toolkit 2.0 AMOS .....
DBD040:	20480.	537.	19943.	1280.	10BD9	1 blk	ACC019:	E	UPS Monitor Software V1.3(178) .....
DBD041:	20480.	1401.	19079.	1280.	10C60	1 blk	ACC020:	E	AlphaMAIL 1.2B PR10/99 .....
DBD042:	20480.	1820.	18660.	1280.	10DBF	1 blk	ACC021:	E	AlphaLAN++ 8.0 (Alpha Side) PR08/02 ....
DBD043:	20480.	638.	19842.	1280.	10F87	0 blk	ACC022:	E	MULTI 2.1 PR4/99 .....
DBD044:	20480.	1032.	19448.	1280.	11027	1 blk	ACC023:	E	Filer 1.4A (ISAM) .....
DBD045:	20480.	1051.	19429.	1280.	1112A	0 blk	ACC024:	E	Filer 2.0 (ISAM+) .....
DBD046:	20480.	178.	20302.	1280.	11231	2 blk	ACC025:	E	VPSearch 1.6 PR8/93 .....
DBD047:	20480.	4701.	15779.	1280.	1125E	3 blk	ACC026:	E	AcuCOBOL-85 2.3B .....
DBD048:	20480.	12347.	8133.	1280.	116F6	3 blk	ACC027:	E	AlphaC 2.0 (Volume 1 of 2) PR12/97 .....
DBD049:	20480.	19205.	1275.	1280.	12306	1 blk	ACC028:	E	AlphaC 2.0 (Volume 2 of 2) PR12/97 .....
DBD050:	20480.	4280.	16200.	1280.	135C8	1 blk	ACC029:	E	Soft Machines Products .....
DBD051:	20480.	17606.	2874.	1280.	139F7	0 blk	ACC030:	E	Starr Accounting 4.10 Vol #1 .....
DBD052:	20480.	18673.	1807.	1280.	14B29	1 blk	ACC031:	E	Starr Accounting 4.10 Vol #2 .....
DBD053:	20480.	12208.	8272.	1280.	15D66	1 blk	ACC032:	E	Metropolis 7.5 (y2k Version) PR08/2002 ..
DBD054:	20480.	570.	19910.	1280.	16953	0 blk	ACC033:	E	DART Release (UNSUPPORTED) PR10/99 .....
DBD055:	20480.	1773.	18707.	1280.	169E2	1 blk	ACC034:	E	Unsupported Software PR09/2005 .....

DBD056:	20480.	19720.	760.	1280.	16B9E	1 blk	ACC035:	E	AMUS Network Library (1 of 3) .....
DBD057:	20480.	18220.	2260.	1280.	17EE1	0 blk	ACC036:	E	AMUS Network Library (2 of 3) .....
DBD058:	20480.	12343.	8137.	1280.	190AC	3 blk	ACC037:	E	AMUS Network Library (3 of 3) .....
DBD059:	20480.	361.	20119.	1280.	19CBB	1 blk	ACC038:	E	Miscellaneous Software Products .....
DBD060:	20480.	4979.	15501.	1280.	19D16	1 blk	ACC039:	E	SuperVUE 3.1H PR01/2000 .....
DBD061:	307200.	20928.	286272.	19200.	1A1F3	3 blk	REX000:	E	AM-8000 8.0 Release & Static Files .....
DBD062:	307200.	216928.	90272.	19200.	1B664	2 blk	REX001:	E	AM-8000 8.0 Build & Source Files .....
DBD063:	307200.	2617.	304583.	19200.	28A3D	1 blk	REX002:	E	AM-8000 EAMOS Release .....
DBD064:	307200.	36155.	271045.	19200.	28CCC	1 blk	REX003:	E	CD AMOS Release 01/31/2006 .....
DBD065:	307200.	63972.	243228.	19200.	2B01B	3 blk	REX004:	E	AlphaTCP 1.5A Source & Release .....
DBD066:	307200.	7085.	300115.	19200.	2E955	2 blk	REX005:	E	AlphaNET 2.4(159)-4 Rel & Src .....
DBD067:	307200.	57016.	250184.	19200.	2F581	2 blk	REX006:	E	AlphaFAX 2.1(100)-1 Rel & Src .....
DBD068:	307200.	17996.	289204.	19200.	32D30	1 blk	REX007:	E	MULTI 2.1(192)10 rEL & sRC .....
DBD069:	307200.	40664.	266536.	19200.	33EC4	0 blk	REX008:	E	AlphaODBC 1.0(100) Rel & Src .....
DBD070:	307200.	8072.	299128.	19200.	3667A	3 blk	REX009:	E	AlphaMAIL 1.2B PR09/05 .....
DBD071:	307200.	32551.	274649.	19200.	36E5D	2 blk	REX010:	E	Xadmin Release & *.INIs .....
DBD072:	307200.	3804.	303396.	19200.	38E28	0 blk	REX011:	E	Command & Do Files .....
DBD073:	307200.	84153.	223047.	19200.	391DF	3 blk	REX012:	E	Open Logical...REX12:.....
DBD074:	307200.	19063.	288137.	19200.	3E40E	3 blk	REX013:	E	AMPC 7.0 Release .....
DBD075:	307200.	52946.	254254.	19200.	3F6AD	1 blk	REX014:	E	AlphaODBC 1.0(100) Rel & Src ver. 1.4Y ..
DBD076:	307200.	241467.	65733.	19200.	42A62	2 blk	REX015:	E	Open Logical...REX15:.....
DBD077:	2048000.	205991.	1842009.	128001.	51632	0 blk	TSS000:	E	BD TESTING LOGICAL ONLY .....
DBD078:	20480.	11803.	8677.	1280.	5DF5C	2 blk	AM0000:	E	AMOS 8.1 June 2007 Release .....
DBD079:	20480.	5940.	14540.	1280.	5EAE4	0 blk	AM0001:	E	AlphaTCP 1.5A June 2007 Release .....
DBD080:	20480.	190.	20290.	1280.	5F0B1	3 blk	AM0002:	E	AlphaNET 2.4 January 2006 Release .....
DBD081:	20480.	2340.	18140.	1280.	5F0E2	0 blk	AM0003:	E	AlphaFAX 2.1 February 2007 Release .....
DBD082:	20480.	635.	19845.	1280.	5F32B	3 blk	AM0004:	E	MULTI 2.1B June 2007 Release .....
DBD083:	20480.	2995.	17485.	1280.	5F3CB	1 blk	AM0005:	E	AlphaWRITE 1.2A PR06/2000 .....
DBD084:	20480.	6914.	13566.	1280.	5F6B8	3 blk	AM0006:	E	AlphaWRITE 2.2 PR06/2000 .....
DBD085:	20480.	1268.	19212.	1280.	5FD7A	0 blk	AM0007:	E	AlphaCALC 2.0 April 2004 Release .....
DBD086:	20480.	1753.	18727.	1280.	5FEB7	3 blk	AM0008:	E	ESP 2.2 PR10/99 .....
DBD087:	20480.	1425.	19055.	1280.	6006E	3 blk	AM0009:	E	AlphaMAIL 1.2B June 2007 Release .....
DBD088:	20480.	482.	19998.	1280.	601D3	3 blk	AM0010:	E	AM-8000 configuration files *.INIs .....
DBD089:	20480.	663.	19817.	1280.	6024D	0 blk	AM0011:	E	Eagle 800 configuration files *.INIs ..
DBD090:	20480.	12347.	8133.	1280.	602F3	2 blk	AM0012:	E	AlphaC (vol 1 of 2) PR12/97 .....
DBD091:	20480.	18993.	1487.	1280.	60F03	0 blk	AM0013:	E	AlphaC 2.0 (vol 2 of 2) PR12/97 .....
DBD092:	20480.	267.	20213.	1280.	62190	0 blk	AM0014:	E	XAdmin for AM-8000 Only. Release 1.0 ..
DBD093:	20480.	9061.	11419.	1280.	621D3	2 blk	AM0015:	E	AlphaODBC 1.4A February 2007 Release ..
DBD094:	20480.	2067.	18413.	1280.	62AAD	2 blk	AM0016:	E	VersiCOMM-Plus V3.1 and ZARC OCT2004 ..
DBD095:	20480.	1773.	18707.	1280.	62CB3	0 blk	AM0017:	E	Unsupported Software January 2006 .....
DBD096:	20480.	17914.	2566.	1280.	62E6F	0 blk	AM0018:	E	AMPC 7.1 Release June 2007 .....
DBD097:	20480.	1866.	18614.	1280.	63FEE	1 blk	AM0019:	E	d/Soft Release February 2007 .....
DBD098:	20480.	11921.	8559.	1280.	641C1	2 blk	AMN000:	E	AMOS 8.1 February 2007 Release .....
DBD099:	20480.	5933.	14547.	1280.	64D66	2 blk	AMN001:	E	AlphaTCP 1.5A February 2007 Release .....
DBD100:	20480.	190.	20290.	1280.	65332	2 blk	AMN002:	E	AlphaNET 2.4 January 2006 Release .....
DBD101:	20480.	2339.	18141.	1280.	65362	3 blk	AMN003:	E	AlphaFAX 2.1 February 2007 Release .....
DBD102:	20480.	634.	19846.	1280.	655AC	1 blk	AMN004:	E	MULTI 2.1B January 2006 Release .....
DBD103:	20480.	2995.	17485.	1280.	6564B	2 blk	AMN005:	E	AlphaWRITE 1.2A PR06/2000 .....
DBD104:	20480.	6913.	13567.	1280.	65939	0 blk	AMN006:	E	AlphaWRITE 2.2 PR06/2000 .....
DBD105:	20480.	1268.	19212.	1280.	65FFA	0 blk	AMN007:	E	AlphaCALC 2.0 April 2004 Release .....
DBD106:	20480.	1753.	18727.	1280.	66137	3 blk	AMN008:	E	ESP 2.2 PR10/99 .....
DBD107:	20480.	1431.	19049.	1280.	662EE	3 blk	AMN009:	E	AlphaMAIL 1.2B PR04/05 .....
DBD108:	20480.	482.	19998.	1280.	66455	1 blk	AMN010:	E	AM-8000 configuration files *.INIs .....
DBD109:	20480.	663.	19817.	1280.	664CE	2 blk	AMN011:	E	Eagle 800 configuration files *.INIs ..
DBD110:	20480.	12256.	8224.	1280.	66575	0 blk	AMN012:	E	AlphaC (vol 1 of 2) PR12/97 .....
DBD111:	20480.	18992.	1488.	1280.	6716D	3 blk	AMN013:	E	AlphaC 2.0 (vol 2 of 2) PR12/97 .....
DBD112:	20480.	242.	20238.	1280.	683FA	2 blk	AMN014:	E	XAdmin for AM-8000 Only. Release 1.0 ..
DBD113:	20480.	9060.	11420.	1280.	68437	3 blk	AMN015:	E	AlphaODBC 1.4A February 2007 Release ..
DBD114:	20480.	2067.	18413.	1280.	68D11	2 blk	AMN016:	E	VersiCOMM-Plus V3.1 and ZARC OCT2004 ..
DBD115:	20480.	1773.	18707.	1280.	68F17	0 blk	AMN017:	E	Unsupported Software January 2006 .....
DBD116:	20480.	17835.	2645.	1280.	690D3	0 blk	AMN018:	E	AMPC 7.0 Release February 2007 .....
DBD117:	20480.	1865.	18615.	1280.	6A23E	2 blk	AMN019:	E	d/Soft Release February 2007 .....
DBD118:	20480.	11894.	8586.	1280.	6A411	2 blk	AMM000:	E	AMOS 8.1 January 31, 2006 Release .....
DBD119:	20480.	5932.	14548.	1280.	6AFAF	3 blk	AMM001:	E	AlphaTCP 1.5A January 31, 2006 Release ..
DBD120:	20480.	191.	20289.	1280.	6B57B	2 blk	AMM002:	E	AlphaNET 2.4 January 31, 2006 Release ..
DBD121:	20480.	2334.	18146.	1280.	6B5AC	0 blk	AMM003:	E	AlphaFAX 2.1 March 1, 2005 Release .....
DBD122:	20480.	634.	19846.	1280.	6B7F4	1 blk	AMM004:	E	MULTI 2.1B January 31, 2006 Release .....
DBD123:	20480.	2995.	17485.	1280.	6B893	2 blk	AMM005:	E	AlphaWRITE 1.2A PR06/2000 .....
DBD124:	20480.	6914.	13566.	1280.	6BB81	0 blk	AMM006:	E	AlphaWRITE 2.2 PR06/2000 .....
DBD125:	20480.	1268.	19212.	1280.	6C242	1 blk	AMM007:	E	AlphaCALC 2.0 April 22, 2004 Release ..
DBD126:	20480.	1754.	18726.	1280.	6C380	0 blk	AMM008:	E	ESP 2.2 PR10/99 .....
DBD127:	20480.	1431.	19049.	1280.	6C537	1 blk	AMM009:	E	AlphaMAIL 1.2B PR04/05 .....
DBD128:	20480.	654.	19826.	1280.	6C69D	3 blk	AMM010:	E	AM-8000 configuration files *.INIs.....
DBD129:	20480.	663.	19817.	1280.	6C742	0 blk	AMM011:	E	Eagle 800 configuration files *.INIs....
DBD130:	20480.	12258.	8222.	1280.	6C7E8	2 blk	AMM012:	E	AlphaC (vol 1 of 2) PR12/97 .....
DBD131:	20480.	18993.	1487.	1280.	6D3E1	3 blk	AMM013:	E	AlphaC 2.0 (vol 2 of 2) PR12/97 .....
DBD132:	20480.	226.	20254.	1280.	6E66E	3 blk	AMM014:	E	XAdmin for AM-8000 Only. Release 1.0.....
DBD133:	20480.	8901.	11579.	1280.	6E6A8	0 blk	AMM015:	E	AlphaODBC 1.4Y January 31,2006.....
DBD134:	20480.	2062.	18418.	1280.	6EF5A	0 blk	AMM016:	E	VersiCOMM-Plus V3.1 and ZARC OCT2004.....
DBD135:	20480.	1773.	18707.	1280.	6F15E	1 blk	AMM017:	E	Unsupported Software January 31, 2006 ..
DBD136:	20480.	18633.	1847.	1280.	6F31A	1 blk	AMM018:	E	AMPC 7.0 Bootable Release Jan2006.....

DBD137:	20480.	9.	20471.	1280.	7054D	1 blk	AMM019: E	Open Logical .....
DBD138:	204800.	162036.	42764.	12800.	70550	1 blk	DSK000: E	AMOS System Disk (Oct2004).....
DBD139:	204800.	152190.	52610.	12800.	7A38E	0 blk	DSK001: E	Working Logical for CD "OCT" Release ...
DBD140:	204800.	9839.	194961.	12800.	8382E	1 blk	DSK002: E	AlphaC 1.1(406) Release Logical .....
DBD141:	204800.	21720.	183080.	12800.	841CA	3 blk	DSK003: E	LOTTO: & UNOFICIAL WIP.....
DBD142:	204800.	34277.	170523.	12800.	85701	2 blk	DSK004: E	Folders from Library System .....
DBD143:	204800.	29214.	175586.	12800.	8787B	2 blk	DSK005: E	OPEN LOGICAL .....
DBD144:	204800.	32100.	172700.	12800.	89503	3 blk	DSK006: E	SSD Stuf for AMOS Systems (Current).....
DBD145:	204800.	57897.	146903.	12800.	8B45D	2 blk	DSK007: E	MEXICO'S VERSION OF ALPHAFAX.....
DBD146:	204800.	37409.	167391.	12800.	8ECE8	2 blk	DSK008: E	OPEN LOGICAL .....
DBD147:	204800.	44953.	159847.	12800.	91171	2 blk	DSK009: E	AlphaFAX Accounts .....
DBD148:	204800.	27154.	177646.	12800.	93D58	2 blk	DSK010: E	Metropolis Source from Barry on 08/23/05
DBD149:	204800.	47953.	156847.	12800.	957DD	3 blk	DSK011: E	Backup of AND0:[ ] World Fence News DSK0:
DBD150:	204800.	50552.	154248.	12800.	986B2	3 blk	DSK012: E	AlphaTCP 1.5A Release & Source WIP JC ..
DBD151:	204800.	134200.	70600.	12800.	9B811	2 blk	DSK013: E	D/SOFT SOURCE WIP .....
DBD152:	204800.	35733.	169067.	12800.	A3B20	1 blk	DSK014: E	SSD Stuf for AMOS Systems.....
DBD153:	204800.	28233.	176567.	12800.	A5E06	1 blk	DSK015: E	D/SOFT SOURCE WIP (CONT.).....
DBD154:	204800.	28736.	176064.	12800.	A7999	1 blk	DSK016: E	Backup Copy of amd_files\Jose.amd.....
DBD155:	204800.	64765.	140035.	12800.	A95AA	0 blk	DSK017: E	ISAM TESTING LOGICAL .....
DBD156:	204800.	54594.	150206.	12800.	AD4EA	0 blk	DSK018: E	CD Update AlphaFAX 2.1(100)-8.....
DBD157:	204800.	100907.	103893.	12800.	B0A3B	1 blk	DSK019: E	OPEN LOGICAL .....
DBD158:	231424.	151778.	79646.	14464.	B6CC6	3 blk	UPD000: E	METROPOLIS SOURCE FILES MET00:-MET19:...
DBD159:	231424.	87003.	144421.	14464.	C0100	0 blk	UPD001: E	***** No Label *****
DBD160:	231424.	86383.	145041.	14464.	C55F7	2 blk	UPD002: E	***** No Label *****
DBD161:	231424.	82310.	149114.	14464.	CAA54	0 blk	UPD003: E	***** No Label *****
DBD162:	231424.	70025.	161399.	14464.	CFAB6	1 blk	UPD004: E	***** No Label *****
DBD163:	231424.	31219.	200205.	14464.	D3F19	1 blk	UPD005: E	***** No Label *****
DBD164:	231424.	37498.	193926.	14464.	D5D96	3 blk	UPD006: E	***** No Label *****
DBD165:	231424.	25669.	205755.	14464.	D8236	0 blk	UPD007: E	***** No Label *****
DBD166:	231424.	46682.	184742.	14464.	D9B48	0 blk	UPD008: E	***** No Label *****
DBD167:	231424.	12575.	218849.	14464.	DC8DF	1 blk	UPD009: E	***** No Label *****
DBD168:	231424.	105815.	125609.	14464.	DD527	3 blk	UPD010: E	***** No Label *****
DBD169:	231424.	82987.	148437.	14464.	E3C7E	1 blk	UPD011: E	DB.COD 226-222-016-212 7.5(180) .....
DBD170:	231424.	167523.	63901.	14464.	E8D89	3 blk	UPD012: E	***** No Label *****
DBD171:	231424.	37236.	194188.	14464.	F3123	1 blk	UPD013: E	***** No Label *****
DBD172:	231424.	11755.	219669.	14464.	F5581	0 blk	UPD014: E	***** No Label *****
DBD173:	231424.	16106.	215318.	14464.	F60FC	2 blk	UPD015: E	***** No Label *****
DBD174:	231424.	92088.	139336.	14464.	F70B7	3 blk	UPD016: E	7.4 Flip Source & Others .....
DBD175:	231424.	132169.	99255.	14464.	FCAA6	2 blk	UPD017: E	***** No Label *****
DBD176:	231424.	101411.	130013.	14464.	104BB9	2 blk	UPD018: E	***** No Label *****
DBD177:	231424.	72597.	158827.	14464.	10AEC3	0 blk	UPD019: E	***** No Label *****

```

-----B--L--O--C--K--S----- --BITMAP-- -SECTOR- -OFFSET- --DEV-- L -----
-ITEM-- ---Total---Used-----Free----- --words-- --SOL-- --SOL-- --SPEC-- T -----L-A-B-E-L-----
TOTAL: 23412736. 4445326. 18967410. Media Label: "NIGHTLY BACKUP ALL DEVICES"
(megabytes) 11432.000 2170.569 9261.431
(gigabytes) 11.1641 2.1197 9.0444

```

DBD media contains 178 logical units.

Which DBD Logical(s) would you like to restore?

Each DBD Logical entered may have one MASK following it. A space must separate the DBD Logical and the MASK. MASK characters are (?) & (\*).

(e.g.: DBD0: \*.DIR[1,2], DBD5: A\*.LIT[1?\*,\*] or DBD16: FLP\*.\*[ ] )

Enter list of disk Logical(s) to be transferred. Disk Logical(s) may be entered as a range (e.g.: DBD0: -20 for DBD0: thru DBD20:), or may be comma separated, The list is terminated with a blank line:

\*DBD61: -76 \*.LIT[1,4]

\*

With Wildcarding

Which Disk Logical(s) would you like to restore to?

Enter list of disk Logical(s) to be transferred. Disk Logical(s) may be entered as a range (e.g.: DBD0: -20 for DBD0: thru DBD20:), or may be comma separated, The list is terminated with a blank line:

\*UPD0: -15

\*

----- Date & Time: Thu 5-Jul-2007 01:45:12 PM

File Name Mask: "\*\*\*\*\*.LIT[001,004]" ENTERED: "/\*.LIT[1,4]"

DBD61: [19200.] 150 Mb -----> UPD0: [19200.] 150 Mb

--- Date & Time: Thu 5-Jul-2007 01:45:15 PM

```
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 01:53:18 PM Elapsed Time: 00:08:03
Restored 204 files.

File Name Mask: "*****.LIT[001,004]"      ENTERED: "*.LIT[1,4]"
DBD62: [19200.] 150 Mb -----> UPD1: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 01:53:20 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 01:53:20 PM Elapsed Time: 00:00:00
Restored (0.) Files.

File Name Mask: "*****.LIT[001,004]"      ENTERED: "*.LIT[1,4]"
DBD63: [19200.] 150 Mb -----> UPD2: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 01:53:21 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 01:55:17 PM Elapsed Time: 00:01:56
Restored (106.) Files.

File Name Mask: "*****.LIT[001,004]"      ENTERED: "*.LIT[1,4]"
DBD64: [19200.] 150 Mb -----> UPD3: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 01:55:17 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 01:55:17 PM Elapsed Time: 00:00:00
Restored (0.) Files.

File Name Mask: "*****.LIT[001,004]"      ENTERED: "*.LIT[1,4]"
DBD65: [19200.] 150 Mb -----> UPD4: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 01:55:19 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:00:47 PM Elapsed Time: 00:05:28
Restored (35.) Files.

File Name Mask: "*****.LIT[001,004]"      ENTERED: "*.LIT[1,4]"
DBD66: [19200.] 150 Mb -----> UPD5: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:00:48 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:00:52 PM Elapsed Time: 00:00:04
Restored (14.) Files.

File Name Mask: "*****.LIT[001,004]"      ENTERED: "*.LIT[1,4]"
DBD67: [19200.] 150 Mb -----> UPD6: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:00:52 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:01:01 PM Elapsed Time: 00:00:09
Restored (8.) Files.

File Name Mask: "*****.LIT[001,004]"      ENTERED: "*.LIT[1,4]"
DBD68: [19200.] 150 Mb -----> UPD7: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:01:02 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:01:12 PM Elapsed Time: 00:00:10
Restored (2.) Files.

File Name Mask: "*****.LIT[001,004]"      ENTERED: "*.LIT[1,4]"
DBD69: [19200.] 150 Mb -----> UPD8: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:01:13 PM
Files have been restored.
```

```
--- Date & Time: Thu 5-Jul-2007 02:02:44 PM Elapsed Time: 00:01:31
Restored (3.) Files.

File Name Mask: "*****.LIT[001,004]" ENTERED: "*.LIT[1,4]"
DBD70: [19200.] 150 Mb -----> UPD9: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:02:44 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:02:45 PM Elapsed Time: 00:00:01
Restored (6.) Files.

File Name Mask: "*****.LIT[001,004]" ENTERED: "*.LIT[1,4]"
DBD71: [19200.] 150 Mb -----> UPD10: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:02:45 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:02:46 PM Elapsed Time: 00:00:01
Restored (1.) Files.

File Name Mask: "*****.LIT[001,004]" ENTERED: "*.LIT[1,4]"
DBD72: [19200.] 150 Mb -----> UPD11: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:02:46 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:02:46 PM Elapsed Time: 00:00:00
Restored (0.) Files.

File Name Mask: "*****.LIT[001,004]" ENTERED: "*.LIT[1,4]"
DBD73: [19200.] 150 Mb -----> UPD12: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:02:47 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:02:47 PM Elapsed Time: 00:00:00
Restored (0.) Files.

File Name Mask: "*****.LIT[001,004]" ENTERED: "*.LIT[1,4]"
DBD74: [19200.] 150 Mb -----> UPD13: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:02:50 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:15:36 PM Elapsed Time: 00:12:46
Restored (267.) Files.

File Name Mask: "*****.LIT[001,004]" ENTERED: "*.LIT[1,4]"
DBD75: [19200.] 150 Mb -----> UPD14: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:15:36 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:16:59 PM Elapsed Time: 00:01:23
Restored (4.) Files.

File Name Mask: "*****.LIT[001,004]" ENTERED: "*.LIT[1,4]"
DBD76: [19200.] 150 Mb -----> UPD15: [19200.] 150 Mb
--- Date & Time: Thu 5-Jul-2007 02:16:59 PM
Files have been restored.
--- Date & Time: Thu 5-Jul-2007 02:16:59 PM Elapsed Time: 00:00:00
Restored (0.) Files.

----- Date & Time: Thu 5-Jul-2007 02:16:59 PM Elapsed Time: 00:31:47
DBD Logicals are being uninstalled.

The program has completed.
```

## REQUIREMENTS AND SETUP

DBD requires the following:

- AM-8000, Eagle 800, or AMPC 7.X based systems
- AMOS 8.1 or later
- A supported DVD-RAM or Blu-ray drive.



**BDRES is only supported on AM-8000, Eagle 800, and AMPC 7.X Systems.**

The DBD package contains the following required files:

- DBD.LIT
- The device driver (DBD.DVR) for the DVD-RAM and Blu-ray drive, in system memory.
- The SSD overlay file (DVD000.OVR)
- MAKBD.LIT
- DIRBD.LIT
- BDRES.LIT

### MODIFYING THE SYSTEM INITIALIZATION FILE:

You must load the device driver into system memory during system initialization by adding the following statement in your system initialization file:

```
SYSTEM DSK0:DBD.DVR[1,6]
```

This statement should be added in the same area of the system initialization file that is currently loading other system device drivers.

## MESSAGES

### Command line syntax messages:

- Invalid switch
- Invalid switch option

### System requirements messages:

- BDRES requires AMOS 8.x or compatible operating system.
- If your memory partition is too small for MAKBD, the following message will display:  
%Error - Memory requirements have not been met. CODE: N.  
- Minimum memory to run BDRES.LIT is 1,240 KB (1,269,760 bytes)

### DVD-RAM or Blu-ray Recorder device or driver messages:

- Device specified is not a DVD-RAM or Blu-ray Recorder.

- Unable to find a DVD-Recorder.

### Error messages when setting up or reading from the DVD or Blu-ray Recorder

- Error - Buffer not initialized.
- Error - Device is already in use.  
*This indicates that either another user is running the BDRES program or the DVD is being used in shared read/write mode.*
- Error - Disk in DVD-Recorder is not writeable.
- Error - DBD driver must be in system memory.
- Error - Unable to load DVD media.  
*This indicates a hardware problem with the DVD-RAM drive or a problem with the DVD media.*
- Error - Unable to read disk information from media.  
*Try a different DVD media. This can also indicate a possible DVD-RAM drive problem.*
- Fatal SCSI error. Sense key=nn additional sense=nn  
*DVD drive device error has occurred. Sense key and additional sense provide further error information.*
- Please insert a DVD-RAM media
- Warning - Maximum number of devices exceeded - extras ignored.
- Warning - Unable to close DVD.  
*Device error occurred while closing the current DVD. The DVD-RAM may or may not be usable.*
- SCSI error message from the driver  
*DVD-RAM drive device error has occurred. Code provides additional SCSI error sense information.*

SCSI error – SCSI status =(nn)

sense key = xx      sssssssssssss Add Sense Code/Qualifier Code = ac.qc

nn	=	SCSI Status Code
xx	=	SCSI Sense Key code
sss	=	Interpreted sense key code if known
ac	=	SCSI Additional Sense Code
qc	=	SCSI Qualifier Code

### Errors concerning the AMOS DVD-RAM or BD-RE data structure:

- Error - Disk geometry calculation was incorrect.  
*The AMOS hidden sector parameters calculated are invalid.*
- Error - memory previously calculated as available isn't  
*Memory required for data buffers has increased.*
- Error - Unable to calculate AMOS disk geometry.  
*The AMOS hidden sector parameters could not be calculated.*
- Error - unable to get AMOS data buffer  
*The system was unable to acquire memory for data buffers.*
- Error- Unable to remove DVD Recorder data buffer from memory.

**Normal informational messages:**

- The program has completed  
*The recording of data from the DVD media is done.*
- DVD-RAM Recorder located at SCSI id n  
*This shows the SCSI id of the DVD-RAM Drive being used.*
- Note that once started, the restoring operation can be stopped by pressing ^C.  
*However, if the restoring is stopped, a DSKANA or SYSACT to the last logical that was interrupted needs to be performed. The last logical that was interrupted will have a mixture of new and old blocks that will cause problems.*
- Restoring DSK0: