

SUPER-CDX , version 2.19

the SUPER CD-ROM Extensions !

SUPERCDX.EXE ; the SUPER CD-ROM Extensions is a functional equivalent to and replaces MSCDEX.EXE, the Microsoft Multi-Media extensions. (MUZZ-E-DEX)

The SUPER CD-ROM Extensions consist these three (3) files;
SuperCDX.exe versions 2.18, called SUPER218.exe & 2.19, called **SUPERCDX.exe**
and SuperCDX.doc (this document) .

ver. 2.18 adds the paramater /a for last session selection instead of first, of a multi-session disc.
Super218.exe can handle two driver names from two physical devices names and controllers.
Super218.exe can support up to four LUNs (logical units) per driver name and controller for a total of eight unit on two controllers. It does not support multiple sessions as does version 2.19 > SUPERCDX.exe.

install as:

SUPER218 /d:driver1 /d:driver2

ver. 2.19 is for multi-session CD-Recordable disc / (supports the /N:x parameter below)
it can handle only one driver name and one physical device physical device. There can be up to four logical units on one driver name and thus it can support a recorder and three players.
It can also be installed multiple times with different driver names to then install more than one device.

SUPERCDX /d:recorder /n:9
SUPERCDX /d:RS422IDE

SUPERCDX.EXE ; the SUPER CD-ROM Extensions is a functional equivalent to and replaces MSCDEX.EXE, the Microsoft Multi-Media extensions. (MUZZ-E-DEX)

SUPERCDX will report itself to DOS and Applications as MSCDEX version 2.21,
although it can replace all versions of MSCDEX 2.1 through 2.23
It will work with DOS versions 3.1, 3.2, 3.3, 5.0, 6.0 & 6.2 , all
without SETVER required.

Features Include:

1. Super219 will allow the user to access a multi-session and multi-volume CD-ROM, by assigning different volumes and sessions to individual letters.
2. SuperCDX can be installed more than once for different drivers and drives.
3. SuperCDX can assign the CD-ROM in place of any existing drive letter; ABC.
4. SuperCDX will de-scramble a secure CD-ROM made with CD-PRODUCER formatter.

:Sample CONFIG.SYS file;

```
Device=c:\cdpro\aspi4dos.sys /D  
Device=c:\cdpro\aspicd.sys /D:ASPICD0  
lastdrive = Z
```

: or with a second CD-ROM device driver as thus:

```
device=c:\mitsumi\mtmscd.sys /d:mscd001 /P:340  
Lastdrive = Z:
```

:Sample AUTOEXEC.BAT file;

```
rem " You don't need MSCDEX anymore !"
```

rem MSCDEX /D:ASPICD0 /L:R /M:10 /V /E
(This will install the cd-reader as 9 drives beginning with R:)

SUPERCDX /d:ASPICD0 /L:R /N:9

: or if you have two separate driver names then two can be named as thus:

SUPER218 /d:miscd001 /D:ASPICD0 /L:R

The syntax for SUPECDX and SUPER218 is defined as follows,
where /D:driver = name of driver in config.sys (default= mscd001) (two to eight characters)
/L:logical = drive letter assignment other than next available letter
/N:n = n is from 2 to 9 for the total number of logical drives (default =1) for v2.19 only
/a = augment to last session on disc.

Also these command line switches are accepted for MSCDEX conformance but ignored are;

/M:n is ignored as the SuperCDX buffer is fixed at 16K
/K K is ignored (kanji directory pending , 8/94)
/V (not needed, all verbose is always reported by default)
/E (no ems switch is needed, EMS memory is not needed either)

SuperCDX Verbose will echo back the number of physical drives or logical units installed, for each driver name. Properly installed the Verbose reports the driver(s) name used and how many physical drives installed on each driver, and the Unit's Logical Drive Letter in DOS as follows:

```
C:\> SUPERCDX /d:TOPLOAD /L:R
SuperCDX Version 2.19
Copyright 94 American InfoScience
Driver Name TOPLOAD Number of Drives = 0001
Unit 0001 Drive Letter = R
```

With the Wrong Driver Name (name in config.sys does not match /d:name) SuperCDX will report as follows:

```
C:\> SUPERCDX /d:WRONGNAME /L:R
SuperCDX Version 2.19
Copyright 94 American InfoScience
The driver could not be found WRONGNAME
```

SOLUTION: Match the driver name in config.sys with the parameter /d:name given to SuperCDX. The default name that SuperCDX looks for without any /d:name parameter is MSCD001. This MSCD001 would have to appear in your config.sys as the device driver's name. Only then can SuperCDX install with no switch parameters. Thus::

**SuperCDX or
SuperCDX /d:miscd001**

would both install the same way. Also;

LH SuperCDX /d:ASPICD0 can "loadhigh" the re-director in high memory.

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SUPERCDX.EXE is our superior Multi-Session Redirector that replaces MSCDEX.EXE, the Microsoft multi-media cd extensions, version 2.21 as with DOS 5, and gives multi-session readability of Multi-Session CD-ROMs Automatically in most CD Players and CD-Recorders! It does not care about what DOS version you have and works with all DOS's 3.0 - 3.3 and DOS 5, 6.0 and 6.2. Incorrect Dos Version is gone and SetVER is never needed again! SuperCDX tells the OS that it is MSCDEX 2.21.

What it does is assign logical drive letters (up to nine) to each of the sessions on your multi-session disc. It like having 9 CDROMs at once in one.

SUPERCDX works with CD-ROM Recorders & Players, and gives multiple sessions automatically assigned to multiple drive letters.

The /N:n parameter is the number the number of total drives, both physical and additional logical sessions or tracks (volumes) within sessions. (up to nine) N can be omitted and defaults to one and thus installs one drive!

:examples

SuperCDX /L:J would assign the CDROM to just one Drive letter J: from a device with driver name **MSCD001** .

SuperCDX /L:x /d:aspicd0 /n:3
this assigns only three drive letters X:Y:Z: and 3 sessions, from a device with driver name **ASPICD0** .

SUPERCDX /n:9 (with one hard drive partition at "C:")

This will assign nine sessions or tracks to nine drive letters, starting with D: thus > D E F G H I J K L

LAST DRIVE SELECTION -
supercdx /d:driver /a

would select the last session rather than the first session of a multi-session disc. The /A will augment the sector addressing to the last session you made.

Also, **Lastdrive=Z:** must be in your config.sys file to allow all these drives! Without Lastdrive set higher, then LastDrive is defaulted to only G: without setting it higher, so with the number of drives set to nine, don't start the drive letter to high.: thus R: would be the highest Starting drive with nine total drives R: to Z: ! If you try to create drives letters above the lastDrive = Z: .

File manager for Windows will show only the first two drive of the last instance of SUPERCDX a CD-ROM drives, the remainder of the drives will show as remote network drives. This is proper. You can see all sessions at once under file manager with different tree and directories in each one. WOW - small miracle...

SUPERCDX has the driver named fixed as **MSCD001**, and does not require the **/d:driver_name** if the driver is named **/d:MSCD001** in the config.sys file.

So **SuperCDX** can be entered alone and a CD-ROM installed with no syntax at all:

SUPERCDX would install one (or two if present) CD-ROM drive letters beginning at the first available drive letter. **SuperCDX** by itself can work with no other syntax, will work only if the default driver named in the config.sys file as mscd001. Any other driver name must be entered on the SuperCDX command line. In conclusion, SUPERCDX can create new drive letters above your last installed logical hard drive. Or they can be installed in place of an existing hard drive logical drive letter.

When a disc with less sessions than the number of drives is in place, it will go back to the beginning and show the first session at those higher drive letters assigned above the last real session. **SUPERCDX** can be installed even as a SUBSTITUTE a CDROM in place of an existing hard drive's assigned letter:

SUPERCDX /L:C would substitute the CDROM for your boot drive,.. WOW - WOW
this can be reversed only by re-booting.

SuperCDX /I:D /n:2 would substitute the first two sessions of a CD-ROM for your
D: and E: drives. This TSR can only be released by rebooting.

SuperCDX /L:X /N:3 would install three drives, X , Y , & Z any of which could
contain an encrypted or scrambled SECURE -CD session or track on any track.

Unlike MSCDEX, SuperCDX can be run twice naming a different driver name
each time. This could be used to attach only certain CD-ROM drives of many:

SuperCDX /d:firstCD /I:g
SUPERCDX /d:secondCD
supercdx /d:third3

You can even install SUPERCDX or in place of your floppy drives, both A: and B: !
SUPERCDX /d:mscd001 /L:A /n:2

All of these devices, including MSCDEX are called redirectors.

MSCDEX and **SUPERCDX** redirect a block device like a CD-DRIVE
into a logical device with a drive letter(s). It serves to map the ISO9660 file structure of all
CD-ROMs to the DOS file system for access of CD-ROMs and CD-Recordables.

SUPERCDX will play back video from a CD-ROM better than MSCDEX.

MPEG, AVI and MOV all playback noticeably smoother with **SuperCDX** over MSCDEX.

This is because of reduced cache write through times with **SuperCDX**. At this time there is audio support for only one
physical drive, The first drive of two drives works fine for audio, not the second LUN or driver.

TOC;

Multi-Session support can be confirmed with the TOC or Table of Contents utility. A multi-session disc will return a
multi-session table of contents on a mutli-session rated drive. If TOC only shows one track, your CD-ROM drive and/or
it's driver may be single session only, meaning you can access
only the first track.

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American InfoScience Registration Form for **SuperCDX**, the SUPER CD-ROM EXTENSIONS !!

mail to:

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(512) 440-1132 ; phone
(512) 440-0531 ; fax
(512) 326-2754 ; BBS on CD-Recorder Technology
compuserve ID# 73311,700
InterNet DVogler@AOL.com

Your Name _____

Your Company _____

Address _____

City _____ State _____ Zip _____

Phone _____ FAX _____

Do You Own a Compact Disc recorder ? _____ What Kind ? _____

How much was it ? \$ _____ Serial Number ? _____

Who did you buy it from? _____

Supplier's Company Phone Number _____

Comment's about your CD-Recorder System ? _____

Do you want our brochure on CD-Recorder Systems ? _____ (y/n)

Any improvements you would like to see ? _____

Where did you find SuperCDX ? _____

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An unlimited numbers Site License is only \$99 for any number at any one site.

Enclosed is \$49 x _____ single user license = \$ _____ total
or \$99 for a site license.

Thank you for your time register your SuperCDX! Paid user's of SuperCDX can access free upgrades via our BBS to SuperCDX as soon as available. Call our BBS at 512-326-2754 for more CD-ROM files.