**CD-ROM Jukebox
Product info**

CD-ROM Jukebox Coupler

Enhance your audio storage

Numisys II

100 DISC MAGAZINE
DR-A1000X

**STUDER
DIGITEC**

OVERVIEW

In order to easily access up to 500 CD-ROM and enhance the available audio storage to up to **3000 hours of stereo sound**, Numisys proposes an integrated CD-ROM Jukebox coupler.

Using this component, NUMISYS proposes a **" nearline " audio access** for:

- program transmission
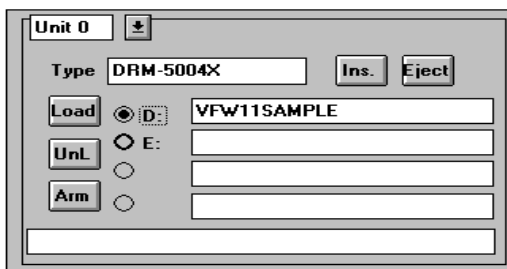- audition & editing
- backup & restore

FUNCTIONS OF THE SYSTEM

The CD-ROM Jukebox coupler provides the following features:

*   **management of CD-ROMs in Jukebox**
*   automatic transfer of audio used for transmission
*   automatic access to audio for audition/edition
*   access to multiple media sources for restoring position
*   management of priority between the different tasks

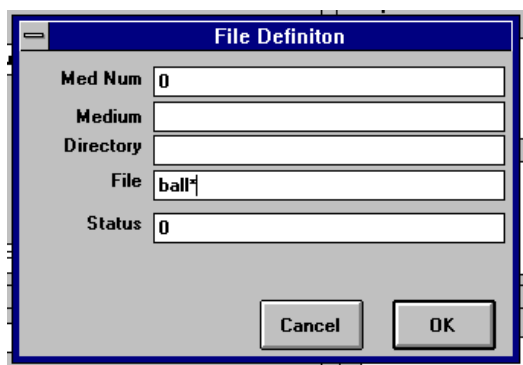## Management of CD-ROMs

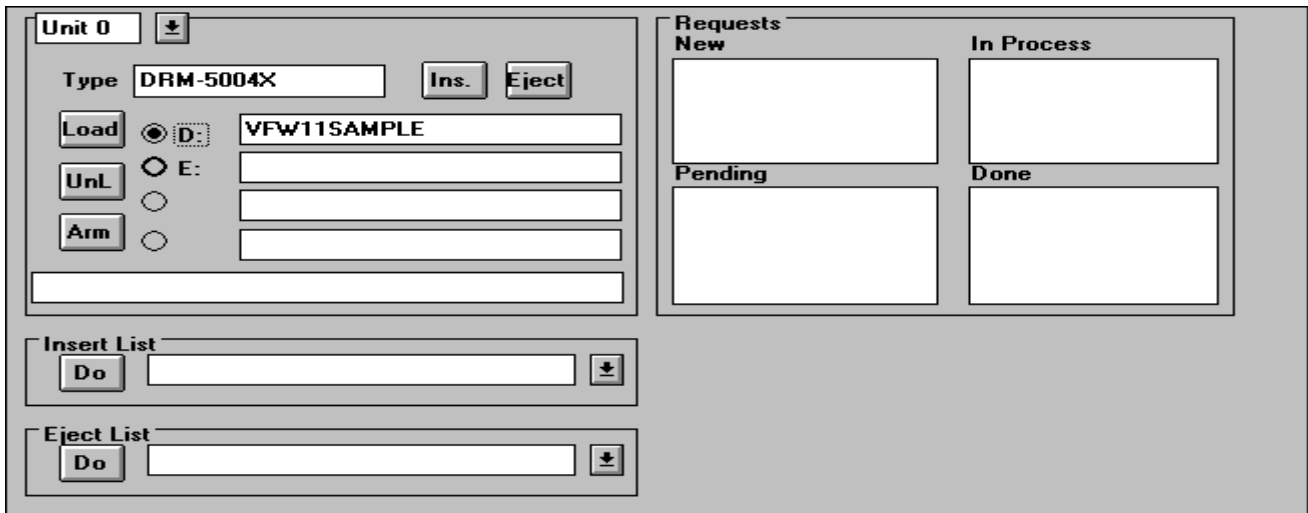The coupler includes a man machine interface to perform the following features:

*   load a CD-ROM
*   eject a CD-ROM
*   change location of a CD-ROM
*   load/unload a player with a CD-ROM

*   search a file in the Jukebox

Use for Transmission

Audio items used for on Air transmission may be located on CDs into the Jukebox.

The CD-ROM jukebox is able to:

- preload audio items into the central server according to scheduled playlists.

- provide direct access to audio items for unexpected items.

Use of audio located in Jukebox is then fully transparent and secured for On Air operations.

Use for Audition/editing

The Jukebox coupler may be controlled by all applications requiring audio material.

The main applications are:

- editing software: audition and use in an edit list

- audition module: capability to listen to an audio archived from scheduling position.

Use from Archiving

All CD-ROMs located in the Jukebox may be used by the archiving position.

It is then possible to:

- Select an archiving session (set of audio or entire show with playlist) in one of the CDs

- Choose one or several items

- Restore audio & data associated into the central library

Priority Management

As many applications may send request to the jukebox coupler, a priority management is implemented in order to:

- ensure On Air use

- classify user by priority

TECHNICAL SPECIFICATIONS

Pioneer CD Jukebox

- DRM-5004X
- accepts up to 500 CDs
- expandable by 100 CDs magazines
- up to 4 players available

Performances

- transfer speed 300 KB/s (allows to transfer **10s of stereo sound in ONE second**)

Minimum configuration required

- PC Pentium 133Mhz 16MB RAM running under WINDOWS with SVGA display
- 500 MB required for software
- 2 SCSI boards for control and data transfer