



Why ZETA ?

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Advantages of the ASM ZETA CD/DVD publishing and duplication system

Introduction

ZETA is a new product concept, a system created for the requirements of the information age. It can be flexible configured and run either connected to a network or network independent.

Product concept

ZETA makes a dream come true - an integrated solution for Internet and Intranet based CD-Publishing, -Duplication and CD-on-Demand systems, which makes no compromises in regard of functionality and offers real added value.

The ASM ZETA system offers all what professional users request today in regard of capacity, flexibility and functionality to increase productivity and to reduce their cost.

ZETA consists of

- a duplication section
(up to 1800 blank CD-Rs)
- a jukebox section
(up to 1300 CDs for access)
- a drive section
(up to 32 drives)
- a printer section
(up to 4 printer)
- a server section
(PC with TFT display and keyboard)

These sections can be combined to a customer chosen configuration, always incorporated into a single, stand alone cabinet with optional network interface.

ZETA is a new concept and superior over a simple combination of Duplicator and Jukebox.

ZETA is superior to a Duplicator because the high integration allows to run processes not only strictly serial. That's why any failure does not lead to a stand-still of the duplication process but can be managed by the system itself. In addition ZETA can be administrated via the network and can be completely locked due to security reasons.

ZETA is superior to Jukebox solutions as it offers comfort and capacity of standard duplicators and can also integrate different printer types, e.g. Rimage and Primera.

Business Opportunities

Everybody who distributes data on a offline disk (e.g. CD) or sells standard or individually created data (audio, video, games) needs ZETA – independent of running the system at the point-of-sales or via online systems. ZETA offers the needed capacity, ease of use and flexible integration.

Who needs ZETA?

If your customer answers to at least some of the following items with "YES", for him ZETA is the best and most cost efficient solution to use!

- Point-of-Sales usage

As integrated solution ZETA can keep optional all source data for CDs which should be individually produced in its magazine slots, allowing direct copy from CD-ROM to CD-R.

All combined in a stable single cabinet ZETA can be run every day on different places, selling data and services!

- Easy to transport

No cables, only one box and one power cord, that's all ZETA needs to start working!

- Dust/dirt protection!

Most duplicators in the market are "open" systems. All components are exposed to dirt, dust, humidity and light. ZETA limits this exposure at least by 95%.

- Security

ZETA can be completely locked! This not only reduces pollution of internal devices but especially avoids access by unauthorized or untrained staff/people!

- Software Interface and integration

ZETA management software allows easy integration into production processes. Either the API can be used or already incorporated interfaces of the standard software.

- Redundancy

Unlike standard Duplicators ZETA can not only house one printer but up to 4! If one fails or is running out of ribbon ZETA can continue its work, others can not.

In addition also other components, e.g. drives or the CD bin module, can be covered by this redundancy.

- High capacity

You can hold up to 1800 (12 x 150) blank CD-Rs in the spindle/bin mechanism.

Further options, e.g. to **center and adjust CDs** before printing additional information onto them, underline the powerful concept of the ASM ZETA system.

- Throughput

Up to 8 CD-R and 8 CD-ROM drives allow maximum performance, utilizing all

resources, e.g. blank disc capacity, efficiently for a fully unattended processing. Other Duplicators need operator interaction often already after 1 hour, ZETA can run a much longer time (usually 12-18 hours).

- Printer Station

The ZETA system can be run as printer station if you only want CD-Rs to be labeled before distribution. You can run up to 4 printer simultaneously.

- CD Verify

ZETA can do the verification of each written CD-R in CD-ROM drives. This is not only more reliable than using CD-R drives, but also keeps the CD-R drive free for the next recording job.

- Ability to assort discs

Due to the combination of spindles/bins and CD slots ZETA can assort discs. For example in the photo industry CDs are recorded on basis of batches (e.g. with 100 films).

As the volume of the films varies the duplicator either can must wait for the unload/load process until the "largest" CD in a recording job (e.g. 4 CDs parallel) has been finished, blocking the duplicator and reducing the throughput and performance of the system. Or the strict order cannot be kept.

ZETA unloads the drive, stores the CD in one of its slots until the disc is needed for the output stack. This ensures strict order required by the user, combined with maximum performance!

- Read-after-write functionality

ZETA can store written CD-Rs automatically in its slots, allowing read access via the network to the disc. No manual handling of the CD-R is needed. Read-access is managed by ZETA management software.

This feature is of high importance for COLD applications.

- DVD-Ready

The ASM ZETA system can be modified to use DVD drives instead of CD drive, or can be equipped directly with DVD drives.

- Administration

ZETA comes with a management software under Windows NT/2000 which allows administration over the network. This means not only viewing of log files but also initiating and handling of processes.

- Pricing

ZETA is a very price attractive solution for everybody how can take advantages of at least of some items mentioned above.

Comments?

If you have any comment to this list please do not hesitate to contact us.

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