

TitleBox

...endless crawl...

dynamic text

- ▶ TitleBox is an interactive graphics manager which creates, displays and controls fascinating multi-zone screens with rolls, crawls, animations, clocks, station logos and more. It is suitable for cable TV channels, digital signage applications and internal info-channels of hotels, schools, corporations, retail businesses, shopping malls, churches, airports, holiday resorts, theme parks, etc.
- ▶ Its unprecedented level of interactive control over the on-air CG objects turns TitleBox into a powerful tool, ideally suited for music shows, live entertainment programs and presentations, sports events titling.

matrox
Digital Video Solutions

Blackmagicdesign



NewTek



✂ Unlimited layering

All running objects are mixed and blended to each other in realtime, including animations. The more CPU power, the more objects can be layered simultaneously. This ensures an unlimited amount of object combinations and unprecedented visual variety.

✂ Total on-air CG control

Each and every CG object can be edited during the on-air session. Manual or automated changes of text contents, animation/rolling speed, position and properties can be done on-the-fly. Roll/crawl speed can follow a predefined speed curve. Live incoming video or video files can be scaled down in realtime, their position on screen and actual size can follow predefined curves.

✂ Exceptional CG quality

All graphics are 24-bit true color (16.7 million colors) with 8-bit Alpha channel (256 transparency levels). These colors can be applied to font face, border, shadow and text background. Field-based sub-pixel rendering ensures smooth animation and rolling text at any speed. TitleBox employs a proprietary ultra-fast rendering engine developed for more than 10 years.

✂ Automated text rendering into graphics templates

TitleBox uses a set of predefined graphics templates in order to fit incoming text. This approach reduces the risk of user errors and eliminates the need for full-time highly skilled graphics personnel during on-air operation - just a simple text input does the job as elegant as possible.

✂ TitleBox slaved to AirBox

Several TitleBox channels on different workstations can be controlled externally by scheduling dedicated events in the AirBox playlist. All kinds of object control are available.

✂ Scheduled titling

Any kind of text and graphics object can be scheduled to display at specific time, on specific day or date, with certain cycling rules. Perfect for unattended operation and regular running messages.

✂ OEM applications via TitleBox API

TitleBox can run in the background, without its front-end interface, while all object start/stop/manipulate actions are triggered by a third party OEM software, which sends its commands to TitleBox locally or through the LAN.

✂ High - Definition titling made affordable

TitleBox with its aggressive pricing and its unprecedented cost-effective HD platform support allows HD titling to be used not only by high-end facilities. It makes possible HD, Plasma or LCD screens to be used for its titling output.

PLAYBOX™

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TITLEBOX SPECIFICATIONS

Simultaneous Graphics Objects

Crawls	Horizontally running text messages
Rolls	Vertically rolling credits and messages
Animations	Channel logos or animated backgrounds (TGA seq)
Text templates	Still text labels with background pictures
Pictures	Still graphics
Clocks	Analogue and digital clocks, countdowns, timers
Banners	Still graphics slideshows with various transitions
Chat notes	Chat-like text object with automated scrolling text
DirectShow Media	A video source or file can be stretched into a window
Flash animations	Interactive flash windows

Minimum System Requirements

CPU	Intel Pentium4 at 3 + GHz with Hyper-threading
RAM	1 GB (depends on the amount of animations used)
Operating System	Microsoft Windows XP (SP2)
Slots	1 available PCI slot for Graphics Frame Buffer

Supported Graphics Frame Buffers

Blackmagic Design DeckLink series	
NewTek Video Toaster	NEW
Matrox X.MIO	NEW
Matrox CG2000	
Matrox DigiSuite, DigiMix	
Matrox DigiSuite LE / LX / DTV	
Dayang DigiTitle	
DirectShow-compatible dual-head VGA cards	

Output Resolution

PAL	720 x 576
NTSC	720 x 480
HD	1920 x 1080

Other Applicable Modules

AirBox	Universal content playout
DataBox	Powerful content database
ListBox	Remote playlist preparation
CaptureBox	Automated content ingest
SafeBox	Automated content replication and removal



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