

# TitleBox



- ▶ **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, presentations, sports events titling.**

**matrox**  
Digital Video Solutions

Blackmagicdesign



**NewTek**

**DAYANG**



## ✂ Unlimited layering

All running objects are mixed and blended together 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 in development for more than 10 years.

## ✂ Slide Sequencer **NEW**

Multiple graphics objects can be programmed to run simultaneously or sequentially on a single or a multiple layers with just a few mouse clicks. Easy slide and layer management is provided by the new intuitive Slide Sequencer.

## ✂ 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 objects 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 allows HD titling to be used not only by high-end facilities. It makes possible HD, Plasma or LCD screens and projectors to be used for stunning HD presentations.



## TITLEBOX SPECIFICATIONS

### Simultaneous Graphics Objects

<b>Crawls</b>	Horizontally running text messages
<b>Rolls</b>	Vertically rolling credits and messages
<b>Animations</b>	Channel logos or animated backgrounds (TGA seq)
<b>Text templates</b>	Still text labels with background pictures
<b>Pictures</b>	Still graphics
<b>Clocks</b>	Analogue and digital clocks, countdowns, timers
<b>Banners</b>	Still graphics slideshows with various transitions
<b>Chat notes</b>	Chat-like text object with automated scrolling text
<b>DirectShow media</b>	A video source or file can be stretched into a window
<b>Desktop windows</b>	Partial or entire Windows desktop display
<b>Shapes</b>	Various graphics primitives

### Video Hardware

<b>SD</b>	Blackmagic Design DeckLink series	
<b>HD</b>	Blackmagic Design DeckLink series	<b>NEW</b>
<b>SD</b>	NewTek Video Toaster	
<b>SD</b>	Matrox X.MIO Series	<b>NEW</b>
<b>SD</b>	Matrox DSX LE/CG and DSX LE/300C	<b>NEW</b>
<b>SD/HD</b>	Dual-head VGA	

### Other Applicable Modules

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

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