Next Generation of Dynamic Video Signage Systems with Enhanced Video Capabilities and External Control

THE CHYTV GROUP

ChyTV *Plus,* based on the popular ChyTV Video Graphics Information Display system, extends the product line to include S-video and component video inputs and outputs, serial and GPI control interfaces and Ethernet connectivity all in a rugged ½ rack unit chassis. Ideal for any professionally installed video messaging system, ChyTV *Plus* utilizes the same ChyTV Tools utilities to manage the projects and is completely compatible with existing ChyTV units. The additional features enable more flexible system integration and enhanced video capabilities.

Video Graphics Image Engine
As with all ChyTV versions, ChyTV *Plus* features the ability to manipulate a video source, either in a window that is surrounded by graphics and text or to superimpose the message over the video background. In addition, full screen graphics can be displayed with dynamic text, logos and animations. A versatile play-list scheduler allows for dynamic programming. The supplied ChyTV Tools user interface allows for control of up to 20 ChyTV Plus units. Additional Network Content Management solutions facilitate larger enterprises of up to thousands of ChyTV's.

Easy Integration
The ChyTV system is easy to configure in a display system or integrated into an existing video infrastructure. The graphic and text information coupled with programmable audio clips may be displayed on a single TV screen or broadcast throughout the facility. Easy and intuitive content creation, scheduling, distribution and display of graphic content to flat panel and television monitors is possible with ChyTV's dynamic display controller. Users can opt to show either full screen images or video graphics and text combined with an external video feed. Video regions can be resized and positioned from page to page with smooth dynamic transitions, while dynamic graphic and text regions can be assigned to surround or overlay the video window. Audio WAV files may be integrated seamlessly for sound clips and audio alerts.

Flexible and Reliable
Standard format animations can be imported from various file types such as GIF, AVI, TGA sequences, etc. These animations can be positioned anywhere on the screen either superimposed over the video source or surrounding a video window. All graphic pages can then be scheduled from a simple, intuitive scheduling interface for either automatic looping or date/time playout. Content is transferred to ChyTV via a standard Compact Flash interface or Ethernet connection. Running our own proprietary Operating System, this self-contained device is virtually virus-proof, requires no external computer connection and ensures utmost reliability and ease of use.

Features

- ChyTV.net compatible

- Create graphic and text pages using standard applications or supplied templates

- Squeeze and position live video window, including dynamic transitions

- Dynamic broadcast quality effects such as text pushes, fades and crawls

- Animated Text, Graphics and Logos using GIF, PNG, TGA, image sequences and more

- Multiple text and graphic zones may be independently sized and positioned

- Play audio WAV files

- Page scheduling, including looping durations or specific day, date and time control

- RS-232 and Ethernet external data interfaces for real-time data updates such as news, sports, stock and weather

- Serial and GPI control interface

- Compact, stand-alone system for optimum reliability

- External video and audio bypass

www.ChyTV.com
Easy to use, hard to ignore.

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ChyTV Plus (rear)

Technical Specifications

Video Inputs/Outputs
Input user selectable. Outputs available simultaneously.

Number of Inputs	1 Composite (BNC)
	1 S-Video (4-pin, Y/C)
	1 YUV (3 BNC)
Number of Outputs	1 Composite (BNC)
	1 S-Video (4-pin, Y/C)
	1 YUV/RGBS (3 BNC)
Format	75 ohms,1 volt p-p,
	525 (NTSC) or 625 (PAL)

Audio Inputs/Outputs

Number of Inputs	1 (R/L) Analog stereo
Number of Outputs	1 (R/L) Analog stereo
Type	RCA
Format	low impedance, unbalanced stereo

Media I/O

	1 Front External Slot
Compact Flash	Supports 32MB-2GB+

Interfaces

Ethernet	10/100 BaseT
Serial	RS-232,9 pin D
GPI	8 programmable, 9 pin D

Dimensions

	Half rack width, 1 RU high
Height	4.44 cm / 1.75"
Width	21.59 cm / 8.5"
Depth	15.72 cm / 6.188"
Weight	1.81 kg / 4 lb.

Power Supply

External	110-220 VAC to 5VDC PSU

Models

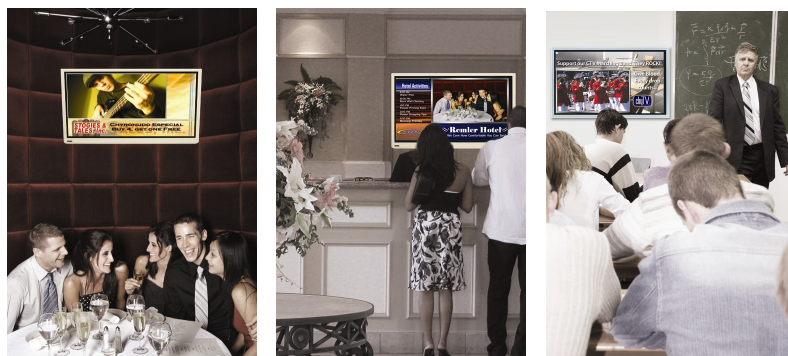|	*Part #*
ChyTV-Plus-NTSC	7A00309
ChyTV-Plus-PAL	7A10309

Additional ChyTV Plus Features
- Metal Chassis—light gauge steel
- Table top with rubber feet
- Bracket for mounting behind display (Optional)
- Rack mount kit for single or dual channel in 1RU space (Optional)
- Processing controls for Composite, Y/C, and YUV video
- RS-232 serial control
- GPI (General Purpose Interface) remote triggering

Software
- ChyTV Tools – User interface for control and content management
- ChyTV Elements – Page Creation and Template Add-in for PowerPoint (included)
- ChyTV Dynamo – Animation and Image conversion tool for ChyTV Flipbooks and Logos (optional)

ChyTV Output Samples

PowerPoint / ChyTV Tools Interfaces

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