



The RTC2 creates broadcast quality video from PC, MAC and workstations with unequalled clarity and image detail. Designed for applications where image quality is of utmost importance, the RTC2 incorporates advanced signal processing technology and powerful image manipulation functions. The RTC2 is also easy to use with automatic sync type detection and an optional touch screen front panel.

The RTC2 scan converter is available with HD digital video outputs. The high resolution that HDTV provides ensures that even small graphics and fonts in the high resolution source are preserved. By connecting the RTC2's HD digital outputs to a HD recorder, a mirror-like copy of the high resolution source can be made.

The RTC2 features zoom and smooth pan/scan capability for camera like movements. Separate horizontal and vertical filters provide an extra level of control for the elimination of flicker, alias and Moiré patterns. The RTC2 is available with analog video, D1 and HDTV digital video outputs.

Ideal for small text and complex graphics

HDTV and D1 digital video outputs

Smooth pan/scan controls

Zoom control up to 1600%

Intuitive graphical control interface

Automatic configuration to source

Modular design for future upgrades

Advanced proprietary digital filters

10 bit video path and 12 bit processing

## Features

- ◆ Automatic sync type detection
- ◆ Smooth pan/scan with variable speed control
- ◆ Zoom control up to 1600%
- ◆ Filters for alias, flicker, Moiré removal
- ◆ Separate horizontal and vertical filters
- ◆ 15 levels of vertical and horizontal filters
- ◆ Unlimited user-defined presets
- ◆ Black matt generator
- ◆ Internal test patterns
- ◆ Composite sync output
- ◆ Genlocks to composite and HD tri-level sync
- ◆ Control software for remote operation
- ◆ Optional front panel touch screen display
- ◆ Optional HDTV digital video outputs
- ◆ Optional RGB, component, S-VHS, and composite video outputs

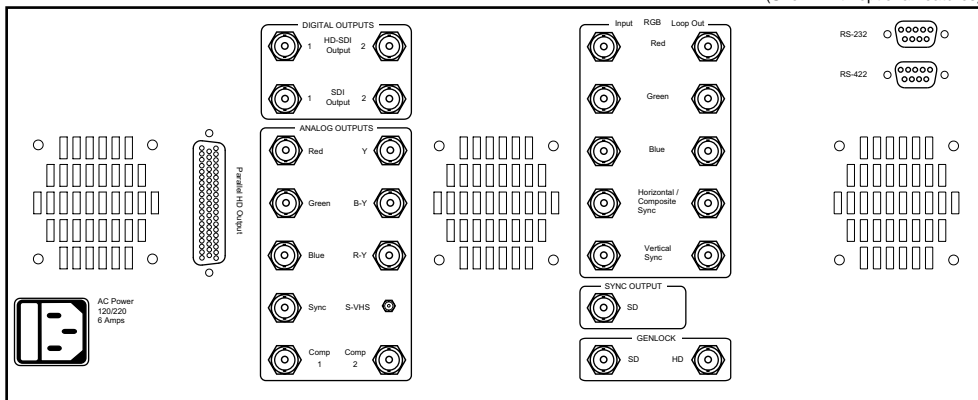


## Remote Software



The remote control software provides control for all the functions of the RTC2 from a Windows 2000, 9x or NT computer. All frequently used functions are displayed on the main screen. The control software is required for operation of the RTC2 if the front panel display is not ordered.

## Rear Panel



## Ordering Information

<b>RTC2 Models</b>	
<b>RTC2</b>	RTC2 with D1 video outputs
<b>RTC2 HD</b>	RTC2 with D1 and digital HDTV outputs
<b>RTC2 Options</b>	
<b>RTanalog</b>	Analog video outputs
<b>RTIcd</b>	Front panel touch screen display
<b>RTIf</b>	Low frequency horizontal input capability

## Specifications

### Input

RGB with auto sync to:  
 Sync on Green  
 Composite  
 Separate H & V

Horizontal Timing:  
 30 to 90kHz  
 15 to 90kHz (LF option only)  
 Maximum of 2048 x 2048 lines

Genlocks to Composite or HD sync

### Output

D1 -SDI (SMPTE 259M)  
 525 & 625 line video  
 Composite sync output

*Optional analog NTSC/PAL outputs:*  
 Composite, S-VHS, Component, and RGB at 14.98KHz with selectable sync on green or composite sync

*Digital HD outputs (RTC2 HD only):*

HD-SDI (SMPTE 292M)

480p 59.94  
 720p (59.94, 60)  
 1035i (59.94, 60)  
 1080i (50, 59.94, 60)  
 1080p 24

HD Parallel

*Same outputs as HD-SDI*

### General

Control Ports: RS-232, RS-422, USB  
 4RU - 19" rack mountable  
 Auto switch 120 - 240v  
 Weight: prox. 30lbs.  
 1 year parts and labor warranty

*Note that some of the specifications and features listed in this brochure are only available as part of specific packages or options.*

*Specifications subject to change without notice.*

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