

## PT-7020 Pre-Processor/Tuner

The Sherbourn PT-7020A ushers in a new era in home theater performance. The compliment of features is enviable. Starting with the HDMI 1.3a compliance and on-screen controllability, the 7020A is remarkable for both performance and value.

Incorporating twin Cirrus® 32 bit dual core DSPs and precise signal management, high resolution audio will be remarkable. The PT-7020A also utilizes a balanced output section. A balanced system minimizes noise that may enter the processor via external input cables. Especially in cases where very long lengths of cable are being used, balanced connections offer excellent induced noise rejection. The PT-7020A incorporates an ST-Genesis® Torino high performance-scaling engine with Vixen software as well as Faroujda DCDi® processing to create a video experience that was impossible to experience until now.

Once you get the PT-7020A home, our Sherbourn room EQ will allow you to personalize the cinema experience. Each speaker is customizable with our 11-band equalizer. There will never be a bad seat in the house!

Unlike other processors, Sherbourn's PT-7010A has an on-screen display that can be accessed while viewing your favorite movie or program. Gone are the days of endless searches in the menu and toggling back and forth between menu and content. The easy-to-use, fully intuitive menu allows more time viewing and listening and less time scrolling through endless commands.

The distinctive Sherbourn cosmetics and the commitment to quality and reliability make the PT-7020A one of the industry leaders in quality home theater.

At Sherbourn we design our entire award winning product line with a passionate dedication to innovation, reliability, power and performance. You should expect nothing less.



PT-7020 Inside

PT-7020 Front



PT-7020 Back



## FEATURES & SPECIFICATIONS: PT-7020 Pre-Processor/Tuner

- Decoding support for Dolby Digital, Dolby Digital EX, Dolby Digital Plus, Dolby Digital True HD, Dolby PLIIx, DTS, DTSES, DTS HD, DTS Master Audio, DTS Neo 6, SPDIF, PCM 8 channel, true processing up to 196kHz
- Twin Cirrus® 32 bit dual core DSP's
- Multi channel Dolby Volume. Genesis/ST® Torino high performance scaling engine featuring a full implementation of the Faroudja DCDi™ image processing suite
- Sherbourn, full color graphical OSD with adjustable transparency presented over live video, including HDMI
- Front panel surround mode indicator lights
- RS-232 two way communications for independent computer control
- Sherbourn automatic multi channel room correction and loudspeaker setup. Calibrated measurement microphone is included.
- Quadruple bass manager with independently selectable high and low pass frequencies from 40 Hz–250 Hz, in 5 or 10Hz increments.
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- Selectable 12dB or 24dB per octave high pass and low pass filters by channel groupings
- Independent 11 band graphic EQ with global bass and treble controls by channel groupings Balanced subwoofer output
- All legacy video inputs can be scaled and output over HDMI at up to 1080p 1080p/24 fps video support Video pass through mode with 12 bit compatibility
- HDMI sources can be format converted to component video up to 1080i
- HDMI 1.3a Deep Color compliant
- Assignable inputs featuring input labeling, selectable decode modes, selectable triggers, etc. 0.5dB level trims on all channels
- High voltage, low impedance main analog outputs for uncompromised dynamic headroom
- IR input (3.5mm mini)
- 1-IR output (3.5mm mini)
- 1-Microphone input (3.5mm stereo mini)
- 1-USB data input (for software upgrades only)

Chassis measurements: 17" W x 5 3/4" H x 14" D Weight: 25 pounds

### CONNECTIVITY:

- 5-HDMI inputs and 1 HDMI output.
- 3-composite video inputs (RCA)
- 3-S-video inputs (S-video mini DIN)
- 3-component video inputs (RCA)
- 1-component video output (RCA)
- 4-stereo analog audio inputs (RCA)
- 1-7.1 analog input set (RCA)
- 1-7.1 analog output set (RCA)
- 4-coaxial digital inputs, (RCA)
- 3-optical digital inputs (Toslink)
- 1-coax digital audio output (RCA) (2.0 downmix)
- 1-optical digital audio output (Toslink) (2.0 downmix)
- 1-Stereo or 2 channel analog multi channel mix down output for fixed level monitoring (RCA)
- 1-stereo analog variable and independent Zone 2 output (RCA)
- 1-stereo analog fixed level record output (RCA)
- AM/FM tuner with 24 FM and 6 AM presets
- 4- assignable trigger outputs Movie/Music/Amp-1 / Amp-2 (3.5mm mini)

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