

# PR-SC886 THX® Ultra2 Plus™ Certified 7.1-Channel A/V Controller

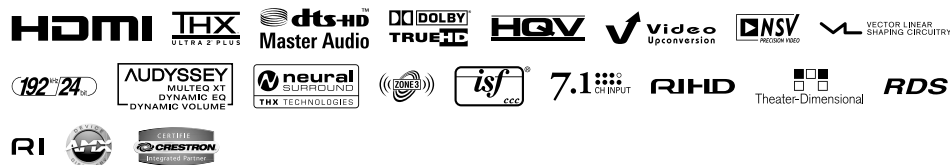
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Microphone for Audyssey



The lesser-used controls are neatly tucked away behind the drop-down panel.



## Pre-Processing for High-Definition Media and Precise Calibration for Any Home Theatre Installation

The PR-SC886 delivers state-of-the-art features and performance for the most technically sophisticated home theatres. Designed to connect to high-end amplifiers, this A/V controller includes full high-definition processing capability over HDMI™, comprehensive 1080p upscaling of video sources with HQV Reon-VX, and a wide array of connection options. It's also the first A/V controller to feature built-in ISF (Image Science Foundation) video calibration alongside Onkyo's RIHD (Remote Interactive over HDMI) system integration and control protocol. The PR-SC886 supports multi-room set-ups, including the option of component and composite video outputs in the second zone and subwoofer pre outs for the second and third zones.

### Advanced Video Processing and 1080p Upscaling with HQV Reon-VX

HQV Reon-VX is the most sophisticated video-processing chip available for home theatre. It provides the ultimate support for 1080p scaling; for filtering of jaggies and artifacts; and for the reduction of random, "mosquito" and block (codec) noise. HQV Reon-VX also enables color region enhancement and the rendering of more than one billion colors.

### 1080p Video and High-Def Surround Sound via HDMI™ (with Dual Output)

With the latest version of HDMI and advanced A/V processing capabilities, the PR-SC886 is a powerful control center for all high-definition media, including Blu-ray Disc and HD broadcasts. The PR-SC886 accepts up to four components via HDMI. Receiving and switching compatible sources, it can send a 1080p video signal through two outputs (Main or Sub). You have support for the two major high-definition surround-sound codecs—Dolby® TrueHD and DTS-HD Master Audio™—to extract lossless, studio-master audio from Blu-ray Disc.

### ISF (Image Science Foundation) Video Calibration for Accurate Video Reproduction

The PR-SC886 is one of the first A/V receivers equipped with industry-leading ISF (Image Science Foundation) video calibration to dramatically improve your home theatre by enabling sharper-focused, fuller-resolution images and a more accurate color balance. Transforming your A/V receiver into a true video hub, this function

ensures that every video source is independently calibrated for your connected high-definition display. What's more, ISF video calibration has been shown to improve energy savings in displays and projectors by up to 50%.

### A Suite of Audyssey Technologies to Tailor Multichannel Audio to the Home

The PR-SC886 is equipped with MultEQ™ XT\*. Audyssey's most powerful built-in solution for countering distortion in dedicated home theatres. Gathering measurements from up to eight positions in the listening area, it takes account of both frequency response and time domain (where most of the problems lie) across the entire listening area, to deliver a clear, well-balanced, and natural sound. The PR-SC886 also features two other Audyssey technologies: (1) Dynamic EQ™, which selects the best frequency response and surround levels moment-by-moment, for the best listening experience at any volume; and (2) Dynamic Volume™, which maintains the desired listening level for all content, while optimizing the dynamic range.

\*It is also possible to calibrate your room with the MultEQ Pro software application and Audyssey Installer Kit.

### Control of Different A/V Sources in Up to Three Different Locations

You can use the Zone 2 and Zone 3 pre outs to connect to amplifiers and subwoofers in two other rooms. The PR-SC886 also sends video images (such as a movie or TV broadcast) to Zone 2 (via component video or composite video). The PR-SC886 lets you adjust volume levels and balance in both zones, as well as bass and treble in Zone 2.



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## Extensive Integration Capability with Ethernet, RS-232, IR, 12 V Triggers, and RIHD

Ideally suited for large-scale installations, the PR-SC886 includes an Ethernet port for easy integration with both AMX and Crestron control systems (via Device Discovery and e-control, respectively). In addition, it features a bi-directional RS-232 port, IR compatibility, and 12-volt trigger connectivity for extensive system integration. Integrated system control is also possible through RIHD (Remote Interactive over HDMI). This protocol is compatible with major consumer electronics products, including those with Panasonic VIERA Link™ or Toshiba REGZA LINK™ capability, as well as selected Sharp displays.

## ADVANCED FEATURES

- THX Ultra2 Plus Certified (with THX Listening Modes)
- DTS-HD Master Audio™, DTS-HD High Resolution Audio™, Dolby® TrueHD, Dolby® Digital Plus Decoding
- HDMI™ (Version 1.3a to Support Deep Color™, x.v.Color™, LipSync, Dolby TrueHD, DTS-HD Master Audio, DVD-Audio, Super Audio CD)
- HDMI Video Upscaling (Up to 1080p) with HQV Reon-VX
- HDMI Audio and Video Processing (4 Inputs and 2 Outputs [Main/Sub])
- Component Video Upscaling (Up to 1080i)
- Toroidal Transformer and Two Separate Transformers for Audio and Video Processing
- Burr-Brown 192 kHz/24-Bit Audio DACs (PCM1796) for All Channels
- Three TI (Aureus™) 32-Bit DSP Chips for Advanced Processing
- Audyssey MultEQ™ XT\* to Correct Room Acoustic Problems and to Calibrate Speakers
- Audyssey Dynamic EQ™ for Loudness Correction
- Audyssey Dynamic Volume™ for Optimal Listening Level and Dynamic Range
- VLSC (Vector Linear Shaping Circuitry)
- Zone 2 and Zone 3 Pre Outs; Independent Control for Volume, Balance (Zone 2 and Zone 3) and Bass/Treble (Zone 2 Only)
- Component Video and Composite Video Outputs for Zone 2; Subwoofer Pre Outs for Zone 2 and Zone 3
- ISF (Imaging Science Foundation) Video Calibration Function
- RIHD (Remote Interactive over HDMI) for System Control
- Compatible with RI (Remote Interactive) Dock for the iPod

\*Including installation with MultEQ Pro software application and Audyssey Installer Kit

## CONNECTIVITY FEATURES

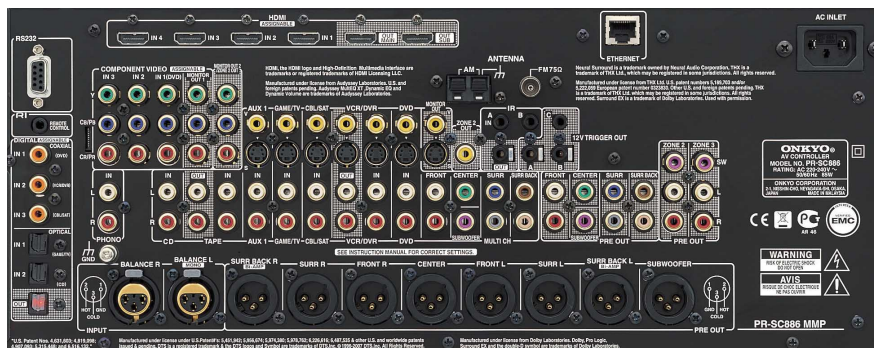
- 7.1-Channel Balanced Line-Level XLR Pre Outs (with Front Bi-Amping Capability)
- 2-Channel Balanced XLR Audio Inputs
- Dual IR Inputs with Common Output
- 12 V Triggers (A, B, and C) with Adjustable Delay
- Bi-Directional Ethernet and RS232 Ports
- Component Video Switching (3 Inputs and 1 Output)
- 6 Digital Inputs (3 Optical and 3 Coaxial) and 1 Optical Output
- 6 S-Video Inputs and 2 Outputs
- 6 Composite Video Inputs and 2 Outputs
- Color-Coded 7.1-Multichannel Inputs and Pre Outs
- 6 A/V Inputs and 1 Output
- 2 Audio Inputs and 1 Output
- Phono Input
- Front Panel Auxiliary Inputs (for Camcorders, Game Consoles, etc.)

## OTHER FEATURES

- Music Optimizer to Support Compressed Music Files
- Theater-Dimensional Virtual Surround Function
- Tone Control (Bass/Treble) for All Channels
- Independent Crossover Adjustment for F/C/S/SB (40/45/50/55/60/70/80/90/100/110/120/130/150/200 Hz)
- Newly Designed GUI for System Set-up
- Neural-THX® Surround Decoder
- Gold-Plated A/V Inputs and Outputs
- Pure Audio Mode
- Network Capability for Installing Crestron and AMX Controllers
- A/V Synchronization Function (Up to 250 ms in 5 ms Steps)
- 40 FM/AM Radio Presets with RDS
- IntelliVolume
- Late Night Mode
- Aluminum Front Panel
- Preprogrammed RI (Remote Interactive) Learning Remote Control with Macros and Mode-Key LEDs

## SPECIFICATIONS

AUDIO SECTION	
THD (Total Harmonic Distortion)	0.05% (Rated power)
Input Sensitivity and Impedance	200 mV/47 kΩ (Line) 2.5 mV/47 kΩ (Phono MM)
Output Level and Impedance	200 mV/470 Ω (Rec out)
Phono Overload	70 mV (MM, 1 kHz, 0.5%)
Frequency Response	5 Hz-100 kHz/+1 dB, -3 dB (Direct mode)
Tone Control	±10 dB, 20 Hz (Bass) ±10 dB, 20 kHz (Treble)
Signal-to-Noise Ratio	110 dB (Line, IHF-A) 80 dB (Phono, IHF-A)
VIDEO SECTION	
Input Sensitivity/Output Level and Impedance	Video 1 Vp-p/75 Ω (Component and S-Video Y) 0.7 Vp-p/75 Ω (Component Pb/Cb, Pr/Cr) 0.28 Vp-p/75 Ω (S-Video C) 1 Vp-p/75 Ω (Composite)
Component Video Frequency Response	5 Hz-100 MHz (-3 dB)
TUNER SECTION	
Tuning Frequency Range	FM 87.5 MHz-108 MHz AM 522 kHz-1.611 kHz
FM/AM Preset Memory	40 stations
GENERAL	
Power Supply	AC 220-240 V~, 50/60 Hz
Power Consumption	85 W
Dimensions (W x H x D)	435 x 194 x 448.5 mm
Weight	13.5 kg
■ CARTON	
Dimensions (W x H x D)	587 x 332 x 571 mm
Weight	18.0 kg



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Onkyo Corporation 2-1 Nishishin-cho, Neyagawa-shi, Osaka 572-8540, JAPAN Tel: +81-72-831-8136 Fax: +81-72-833-5222 <http://www.onkyo.com/>  
 Onkyo Europe Electronics GmbH Liegertstrasse 6, 82194 Grobenzell, GERMANY Tel: +49-8142-4401-0 Fax: +49-8142-4401-555 <http://www.eu.onkyo.com/>  
 Onkyo UK Office Suite 1 Gregories Court, Gregories Road, Beaconsfield, Buckinghamshire HP9 1HD, UNITED KINGDOM Tel: +44(0)1494-681515 Fax: +44(0)1494-680452 <http://www.onkyo.co.uk>