

Software Release Notes

The following document contains details of the software updates for the RSP-1570, RSX-1550 and RSX-1560. These models utilize three separate software modules (Audio, Main, Video) and the release notes for each are listed below. Some updates require both Main and Video software to be updated to work, and it is recommended for full functionality to ensure that all updates are performed.

Key:

New Feature

Feature Change

Bug Fix – Critical

Bug Fix – Minor

Main Software

V1.27 to V1.28

August 20, 2010

Recommended Minimum Audio Software: V1.15

- **New Feature:** Added an RS232 command for Factory Default.
- **Feature Change:** The Factory Default option from the On Screen Menu will no longer erase any saved User Default settings in the unit. Only the new RS232 based Factory Default command will erase all User Defaults.
- **Bug Fix (Minor):** Fixed a bug in the RSX-1550 only that would cause the unit to not supply volume change RS232 feedback when a Type 14 or Type 30 Main Zone direct volume command was received via the RS232 input.

V1.26 to V1.27

April 21, 2010

Recommended Minimum Audio Software: V1.14

- **Bug Fix (Minor):** Fixed a bug that would cause the unit to not output the CB channels of a 7.1 DTS HD signal when the center channel is set to None.

V1.25 to V1.26

March 12, 2010

Recommended Minimum Audio Software: V1.14

- **New Feature:** Added a subwoofer level adjustment option for Multichannel LPCM mode. This option was added to the SUB SETUP menu.

V1.24 to V1.25

March 3, 2010

Recommended Minimum Audio Software: V1.14

- **New Feature:** Added support for RC5 IR codes for the power toggle function. (Use code 30189 or 0189 for Comcast remotes)
 - **RC5 IR Codes** - System Code: 17
 - Power Toggle: 12

V1.23 to V1.24

February 9, 2010

Recommended Minimum Audio Software: V1.14

- **New Feature:** Added support for RC5 IR codes for volume control & mute functions. (Use code 30189 or 0189 for Comcast remotes)
 - **RC5 IR Codes** - System Code: 17
 - Volume Up: 16 / Volume Down: 17 / Mute: 13

V1.22 to V1.23

January 28, 2010

Recommended Minimum Audio Software: V1.14

- **New Feature:** Added support for the Rotel XS surround mode to work with Dolby Digital+/Dolby True HD/DTS HD HRA/DTS HD MA formats.
- **Bug Fix (Minor):** Adjusted output level of Multichannel LPCM audio to keep it consistent with Dolby TrueHD / DTS HD output.

V1.21 to V1.22

December 17, 2009

Recommended Minimum Audio Software: V1.13

- **New Feature:** Added RS232 commands to allow the 12V triggers to be toggled on & off directly via the RS232 connection. The RS232 feedback updated to include information on status of 12V triggers.
- **Feature Change:** The unit will now display the current Audio software version on the front panel display as well as the OSD output when MUTE is held for 5 seconds.

V1.19 to V1.21

November 6, 2009

Recommended Minimum Audio Software: V1.13

- **Bug Fix (Minor):** Disabled contour controls for digital audio signals above 48kHz because audio distortion or dropouts could occur when contour was enabled with 96kHz and higher audio signals.
- **Bug Fix (Minor):** Fixed a bug that would cause the unit to intermittently respond to RC5 IR commands from Panasonic Blu-Ray players.

V1.18 to V1.19

October 12, 2009

Recommended Minimum Audio Software: V1.13

- **Bug Fix (Minor):** Fixed a bug that would cause the unit to miss the first split second of digital audio when using coaxial or optical digital inputs.

V1.17 to V1.18

August 18, 2009

Recommended Minimum Audio Software: V1.12

- **New Feature:** Added support for Dynamic Range adjustment for Dolby TrueHD sources. Options are MAX, MID, MIN & AUTO. The default setting is AUTO.
- **Bug Fix (Minor):** Fixed a bug from V1.1.7 that would cause the unit to stop outputting in 7.1 audio modes by default after playing a Dolby TrueHD 5.1 192kHz source.

V1.16 to V1.17

July 8, 2009

Recommended Minimum Audio Software: V1.12

- **New Feature:** Added support for RC5 IR codes for volume control.
- **Feature Change:** Changed the default mode setting for HD Audio sources to default to a 7.1 setting when Center Back speakers are enabled.
Example: When the source is Dolby TrueHD 5.1, the unit will switch to Dolby TrueHD + EX output. For DTS-HD Master Audio, the output will be DTS-HD Master + PLIIx M by default.

V1.15 to V1.16

April 24, 2009

Recommended Minimum Audio Software: V1.12

- **Bug Fix (Minor):** Raised the output level of Multichannel LPCM +6dB to match the output level of Dolby TrueHD and DTS-HD signals.
- **Bug Fix (Minor):** Fixed a bug causing no Center Back output in DTS-ES mode.
- **Bug Fix (Minor):** Fixed a bug causing occasional loss of audio when switching tracks on CD playback via coax or optical digital inputs.

V1.14 to V1.15

March 6, 2009

Recommended Minimum Audio Software: V1.12

- **New Feature:** Added an icon on the front panel display to indicate when the unit is in TV mode:
 - RSX-1550: 'T' will appear on the far right edge of the display.
 - RSX-1560 / RSP-1560: 'TV' will appear between the input name and the volume display.
- **Bug Fix (Minor):** Corrected a bug when in Pro Logic II or Pro Logic IIx mode and playing a CD that would cause the output to switch to 2 channel stereo if the CD was paused or the track was changed on the disc.

V1.13 to V1.14

March 6, 2009

Recommended Minimum Audio Software: V1.12

- **Bug Fix (Minor):** Reduced audio delay slightly when first playing CD audio using HDMI input.

V1.12 to V1.13

February 16, 2009

Recommended Minimum Audio Software: V1.12

- **Bug Fix (Minor):** Fixed a bug that would cause no audio from Dolby TrueHD 7.1 96kHz soundtracks when the Center Back speakers were set to 'None'.
- **Bug Fix (Minor):** Fixed a bug that would cause audio dropouts from Dolby TrueHD 5.1 96kHz soundtracks when the Center Back speakers were set to 'None'.
- **Bug Fix (Minor):** Eliminated some horizontal line noise from the video output when viewing a 1080i component video input source via the HDMI output with resolution set to 1080p.

V1.11 to V1.12

December 18, 2008

Recommended Minimum Audio Software: V1.12

- **Feature Change:** The RSX-1550 and RSX-1560 will now indicate if the internal amplifiers are in a protection mode:
 - RSX-1550: The standby LED will now continually blink if the amplifiers are in a protection mode.
 - RSX-1560: The front display will indicate if the internal amplifiers are in a protection mode.
- **Bug Fix (Minor):** Fixed a bug that would cause audio dropouts when playing a Dolby TrueHD 7.1 96kHz soundtrack via HDMI input.

V1.10 to V1.11

September 25, 2008

Recommended Minimum Audio Software: V1.11

- **Bug Fix (Minor):** When the default mode for an input is configured for PCM 2CH and a Dolby TrueHD 2Ch signal is received, the input will now default to Dolby TrueHD 2Ch instead of Dolby TrueHD 2Ch + Dolby Pro Logic II.
- **Bug Fix (Minor):** Fixed a bug that disabled tone controls when playing a Dolby TrueHD or DTS HD audio source. Tone control is not available if the Dolby TrueHD or DTS HD audio source is 192kHz.
- **Bug Fix (Minor):** Fixed a bug with the assignable 12V triggers that would cause the assigned 12V triggers for both main AND remote zones to turn on when only the remote zone is powered up using Input Source IR commands.
Example: Input Video 1 is configured to use 12V trigger 1 for main zone, and 12V trigger 2 for zone 2. If main zone is in standby and zone is powered on via the POWER ON IR command, only trigger 2 activates, which is correct. If main zone is in standby and zone is powered on via the VIDEO 1 IR command, both trigger 1 and trigger 2 activate, which is a bug.
- **Bug Fix (Minor):** Corrected some down mixing issues when the system is configured as a 3.1 system (Front, Center, Sub) to route the surround channels correctly.

Audio Software

V1.14 to V1.15

May 26, 2010

Recommended Minimum Main Software: V1.28

- **Bug Fix (Minor):** Fixed a bug in the RSX-1550 only that would cause the unit to not supply volume change RS232 feedback when a Type 14 or Type 30 Main Zone direct volume command was received via the RS232 input.

V1.13 to V1.14

January 27, 2010

Recommended Minimum Main Software: V1.23

- **New Feature:** Added support for the Rotel XS surround mode to work with Dolby Digital+/Dolby True HD/DTS HD HRA/DTS HD MA formats.

V1.12 to V1.13

September 28, 2009

Recommended Minimum Main Software: V1.19

- **Bug Fix (Minor):** Fixed a bug that would cause the unit to miss the first split second of digital audio when using coaxial or optical digital inputs.

V1.11 to V1.12

December 15, 2008

Recommended Minimum Main Software: V1.12

- **Bug Fix (Minor):** Fixed a bug that would cause audio dropouts when playing a Dolby TrueHD 7.1 96kHz soundtrack via HDMI input.

V1.10 to V1.11

September 25, 2008

Recommended Minimum Main Software: V1.11

- **Bug Fix (Minor):** Fixed a bug that would cause the output of the unit to be distorted when the delay setting was adjusted to more than 320ms.

Video Software

V1.22 to V1.23

October 14, 2011

Recommended Minimum Main Software: V1.28

- **Bug Fix (Minor):** Fixed a compatibility issue causing no 3D video when using some 3D Blu-Ray players with HDMI Deep Color enabled.

V1.21 to V1.22

October 27, 2010

Recommended Minimum Main Software: V1.28

- **New Feature:** Added support for 3D video passthrough via HDMI.
- **Bug Fix (Minor):** Fixed a compatibility issue causing no 3D video when using some Sony 3D Blu-Ray players (BDP-S470/BDP-S770).

V1.19 to V1.21

September 30, 2010

Recommended Minimum Main Software: V1.28

- **Bug Fix (Minor):** Fixed a bug that could cause HDMI video to disappear when switching from 1080p/24 to 1080p/60 with Deep Color enabled.

V1.18 to V1.19

September 17, 2010

Recommended Minimum Main Software: V1.28

- **Bug Fix (Minor):** Fixed a bug in V1.18 that would cause no HDMI audio when the HDMI monitor was powered off or disconnected.

V1.16 to V1.18

July 20, 2010

Recommended Minimum Main Software: V1.27

- **Bug Fix (Minor):** Fixed a bug with playback of Dolby TrueHD 192kHz signals from the Panasonic DMP-BD50 and DMP-BDT900 Blu-Ray players.
- **Bug Fix (Minor):** Fixed a bug with playback of HDMI 176kHz audio signals from the Sony PS3 that would cause the audio output resolution to reduce to 44.1kHz when a monitor was not connected via HDMI.

V1.12 to V1.16

June 29, 2010

Recommended Minimum Main Software: V1.27

- **Bug Fix (Minor):** Fixed a color space conversion error when scaling analog video inputs to HDMI output.

V1.11 to V1.12

March 25, 2009

Recommended Minimum Main Software: V1.14

- **Bug Fix (Minor):** Fixed a bug with PAL output when changing inputs from an HDMI source to an S-Video or Composite video source, there was no video output.

V1.01 to V1.11

March 6, 2009

Recommended Minimum Main Software: V1.14

- **Bug Fix (Minor):** Improved the HDMI handshake process to improve compatibility with some monitors.

V1.00 to V1.01

December 26, 2008

Recommended Minimum Main Software: V1.12

- **Bug Fix (Minor):** Improved the Dolby TrueHD and DTS HD 7.1 audio when the output resolution was set to 480p/576p.