



Technical Information

DATE: July 17, 2015

MODEL: RA-1570, RC-1570

Software Release Notes

The following document contains details of the software updates for the RA-1570 and RC-1570. These models utilize three separate software modules (Main, Front USB, PC-USB) and the release notes for each are listed below.

Key:

New Feature

Feature Change

Bug Fix – Critical

Bug Fix – Minor

Main Software

V1.29 to V1.38

April 28, 2015

- **New Feature:** Added the XLR input as an available option for the 'Rotel Link RCD' feature in the setup menu. In turn a new RS232 response of "source=bal_xlr_cd!" will be sent if the XLR source is set to the link CD source and is selected.
- **New Feature:** Added RS232 command to poll for current Mute state.
- **Feature Change:** Optimized the clock rate on the MCU to reduce AC power consumption when in standby mode.
- **Feature Change:** Adjustments made to better integrate when the Rotel Link feature used with the Rotel Remote App and a networked Rotel product (i.e. RT-12).
- **Bug Fix (Minor):** Fixed a bug where the RS232 balance level feedback could be slightly inconsistent (corrected to return balance=R02! instead of balance_R02!)

V1.18 to V1.29

January 16, 2014

- **New Feature:** Added an Auto Power Off feature to the Setup Menu to shut unit down after a period of time. Options are DISABLE (default), 1, 2, 5 & 12 Hours.
- **New Feature:** Added RS232 commands to enable/disable Tone Controls.
- **New Feature:** Added RS232 commands to enable/disable automatic display update feedback.
- **Feature Change:** Increased the time needed to switch from IR Code Set 1 to IR Code Set 2 from 5 seconds to 10 seconds. Press & hold the "1" or "2" key on the remote to make the switch.
- **Feature Change:** Modified front display text when switching IR Code Sets, from "CODE SET 1->2" to "AUDIO CODE SET 1->2"
- **Bug Fix (Minor):** Fixed a bug where the unit would not respond with current Balance setting after receiving a Set Balance Level command via RS232.
- **Bug Fix (Minor) RA-1570 ONLY:** Changed amplifier power on timing to engage the speaker relays slightly later in the power up process.

V1.15 to V1.18

July 18, 2013

- **New Feature:** Added RS232 commands for display dim 0-6 settings.
- **Feature Change:** Revised the RS232 protocol to remove the need for model-specific prefixes to each command.
- **Bug Fix (Minor):** Disabled volume up/down RS232 commands when a fixed volume input is selected.
- **Bug Fix (Minor):** Changed mute timing for PC-USB input to eliminate relay clicking noises when the input source has a variable sampling rate. Previously if the source player supported different sample rates and the sample rate changed between tracks, the relay would click as the DAC changed sample rates.

V1.14 to V1.15

May 20, 2013

- **Bug Fix (Minor):** Fixed a clicking sound from the Mute relay when listening to Front USB or PC-USB inputs. The mute relay would click on when an error in the data packet was received. Now if the error is less than 40 milliseconds the relay will not mute. If the error is longer than 40ms the relay will mute to avoid audible noise.

V1.13 to V1.14

May 15, 2013

- **New Feature:** Added Fixed Volume option for Coax 2 and Optical 2 inputs.

V1.12 to V1.13

May 9, 2013

- **Feature Change:** Revised the fixed volume (fixed gain) option for the Front USB input. The fixed volume option for this input will now only apply to Bluetooth devices connected via front USB. Apple iOS devices or USB drives will still use variable volume setting. Setup menu option changed to display "BTOOTH Fixed Volume" to reflect this.

V1.09 to V1.12

May 3, 2013

- **New Feature:** Change made in setup menu to Fixed Volume will allow the current source to playback while setting fixed volume. This means if on Coax 1 source and changing fixed level for Coax 1 you can hear the actual fixed volume level when adjusting with the +/- rotary.
- **Feature Change:** Changed the Fixed Volume setting to have priority over Power On Max Volume. Now if the unit is powered on with a Fixed Volume source selected the level will go to the Fixed level even if it is higher than the Max Volume setting.
- **Feature Change:** When a fixed volume input is selected and a volume up or down command is received via remote or front panel knob, the front display will temporarily change to display the current fixed volume level for 3 seconds.
- **Feature Change:** When changing the PC-USB Audio Class in the setup menu do not enact the change until the "Enter" button is pressed or the 10 second inactivity timer expires. This prevents the PC-USB Audio Class from changing real time during setup that can cause problems.

Front USB Software

V5.00BT to V5.07BT

July 17, 2015

- **Bug Fix (Minor):** Fixed a bug that could cause the unit to intermittently jump to the next track when playing audio from iOS devices with services such as Spotify or Tidal.
- **Bug Fix (Minor):** Corrected an issue that could cause the unit to eventually stop playing audio from an iPod Classic when playing from a very long playlist.

V1.12 to V5.00BT

May 15, 2013

Recommended Minimum Main Software: V1.15

- **Feature Change:** Updated the Authentication co-processor required to communicate with attached Apple iOS devices (iPad, iPhone, iPod).