

# Technical Service Bulletin

April 15, 2024

## RC-1590 - Version 2.06 Software Release

The software has been updated to include bug fixes and improvements as listed below.

Release Type		
Maintenance	Major	Critical

Software Information	
<b>New Version</b>	<b>V2.06</b>
Previous Version	V2.05

Serial Number (Change will be effective in units before the serial numbers listed below.)	
Black	229-101-1150
Sliver	729-104-1050

Release Notes
<ul style="list-style-type: none"> <li>Implemented Home Theater Bypass Trigger function. When Home Theater Bypass is enabled in the SETUP menu the unit will power on and switch to the enabled HT Bypass input automatically when it receives a 12V signal from the 12V IN/OUT port. This feature is useful when connecting the Rotel unit to a Home Theater receiver or Surround Processor to allow the main LEFT and RIGHT speakers to be used in Stereo listening and for Home Theater.  Typical application is to connect the LEFT and RIGHT analog outputs from the receiver or processor to the XLR or RCA AUX inputs passing the sound directly through the Rotel to an attached amplifier.  <i>Please note this function is only available on units beginning with the serial numbers listed in the table above.</i></li> <li>Minor bug fixes.</li> </ul>

*For more information or questions please contact your customer service representative.*

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# Technical Service Bulletin

Sep 18, 2023

## RC-1590 - Version 2.05 Software Release

The software has been updated to include bug fixes and improvements as listed below.

Release Type		
Maintenance	Major	Critical

Software Information	
New Version	V2.05
Previous Version	V2.03

Serial Number (Change will be effective in units before the serial numbers listed below.)	
Black	229-104-1150
Sliver	729-104-1050

Release Notes
<ul style="list-style-type: none"> <li>• Fixed a bug where OPT3 and COAX3 were missing in Fix Volume menu.</li> <li>• Updated the Network Configuration menu to improve user experience.</li> <li>• Fixed a bug where online software stuck at “Check Update” stage if the user executed an online update right after a warm reboot.</li> <li>• Other minor bug fixes.</li> </ul>

*For more information or questions please contact your customer service representative.*

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## Technical Service Bulletin

June 16, 2022

### RC-1590 - Version 2.03 Software Release

The software has been updated to include bug fixes and improvements as listed below.

Release Type		
Maintenance	Major	Critical

Software Information	
New Version	V2.03
Previous Version	V2.02

Serial Number (Change will be effective in units before the serial numbers listed below.)	
Black	229-104-1150
Silver	729-104-1050

Release Notes
<ul style="list-style-type: none"><li>Minor bug fixes.</li></ul>

*For more information or questions please contact your customer service representative.*

*-- End --*

## Technical Service Bulletin

June 16, 2022

### RC-1590 - Version 2.02 Software Release

The software has been updated to include bug fixes and improvements as listed below.

Release Type		
Maintenance	Major	Critical

Software Information	
New Version	V2.02
Previous Version	V2.01

Serial Number (Change will be effective in units before the serial numbers listed below.)	
Black	229-104-1150
Silver	729-104-1050

Release Notes
<ul style="list-style-type: none"><li>Implemented Home Theater Bypass to allow the front left and right speakers to be utilized for both music and movies.  Connect the Front Left and Front Right analog pre-outputs of a Home Theatre Receiver or Surround Sound Processor to the Rotel AUX or BAL-XLR source inputs and enable Home Theatre Bypass in the Rotel setup menu. When the Home Theater Bypass source is selected via the front panel or remote control on the Rotel product the analog audio will bypass the volume controller and route the audio directly to the amplification stage allowing audio from the Home Theater product to utilize the Rotel units amplifiers for the front channels.  A gain level adjustment setting —Home Theater Bypass Level— is also available in the SETUP menu after Home Theatre Bypass is enabled for precise gain control of the amplification stage.</li><li>Other minor bug fixes.</li></ul>

*For more information or questions please contact your customer service representative.*

*-- End --*

## Technical Service Bulletin

June 16, 2022

### RC-1590 - Version 2.01 Software Release

The software has been updated to include bug fixes and improvements as listed below.

Release Type		
Maintenance	Major	Critical

Software Information	
New Version	V2.01
Previous Version	V2.00

Serial Number (Change will be effective in units before the serial numbers listed below.)	
Black	229-104-1150
Silver	729-104-1050

Release Notes
<ul style="list-style-type: none"><li>Added AUTO option into Signal Sense to monitor all Signal Sense available sources. (this feature is not available in all markets) When Signal Sense is enabled and the current listening source is a Signal Sense available source, the unit will enter Signal Sense Standby mode after 10 minutes no audio signal detected. When Signal Sense = AUTO and an audio signal is detected on any Signal Sense available sources during Signal Sense Standby, the system will turn on the unit and switch to that source.</li><li>Implemented AC Power Option to allow the unit to remain in standby mode in the event of a power failure to avoid the unit powering on to operating mode after the AC power is restored.</li><li>Other minor bug fixes.</li></ul>

*For more information or questions please contact your customer service representative.*

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# Technical Service Bulletin

March 30 2021

## RC-1590 - Version 2.00 Software Release

The software has been updated to include bug fixes and improvements as listed below.

Release Type		
 Maintenance	Major	Critical

Software Information	
New Version	V2.00
Previous Version	V1.43

Serial Number (Change will be effective in units before the serial numbers listed below.)	
Black	229-104-1150
Silver	729-104-1050

Release Notes
<ul style="list-style-type: none"><li>• Minor bug fixes and improvements.</li></ul>

*For more information or questions please contact your customer service representative.*

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# Technical Service Bulletin

October 27, 2020

## RC-1590 - Version 1.43 Software Release

The RC-1590 software has been updated to Version 1.43. This release includes bug fixes and improvements as listed below.

Release Type		
Maintenance	Major	Critical

Software Information	
New Version	V1.43
Previous Version	V1.41

Serial Number (Change will be effective in units after the serial numbers listed below.)	
Black	229-035-1080
Silver	729-035-1020

Release Notes
<ul style="list-style-type: none"><li>Implemented Signal Sense. <b>Note that this function will be available in the units starting with the serial number above.</b></li><li>Improved the pop noise when pausing / stopping DSD audio playback as well as when switching to / back to DSD audio.</li><li>Fixed a bug in UDP communication where is not working when static IP was enabled.</li><li>Other minor bug fixes.</li></ul>

*For more information or questions please contact your customer service representative.*

*-- End --*

# Technical Service Bulletin

Dec 4, 2019

## RC-1590 - Version 1.41 Software Release

The RC-1590 software has been updated to Version 1.41. This release includes bug fixes and improvements as listed below.

Release Type		
Maintenance	Major	Critical

Software Information	
New Version	V1.41
Previous Version	V1.40

Serial Number (Change will be effective in units after the serial numbers listed below.)	
Black	229-942-1050
Silver	729-942-1050

Release Notes
<ul style="list-style-type: none"><li>Implemented analog signal detection for Off Timer. The feature will be available in hardware versions starting after serial BLK: 229-942-1050 / SLV: 729-942-1050.</li></ul>

*For more information or questions please contact your customer service representative.*

*-- End --*





# Technical Service Bulletin

July 10, 2019

## RC-1590 - Version 1.40 Software Release

The RC-1590 software has been updated to Version 1.40. This release includes two improvements. Release details are listed below.

Release Type		
Maintenance	Major	Critical

Software Information	
New Version	V1.40
Previous Version	V1.38

Serial Number (Change will be effective in units after the serial numbers listed below.)	
Black	229-903-1100
Silver	729-919-1100

Release Notes
<ul style="list-style-type: none"><li>Adapted 14 series Rotel Link protocol to work with the 2019 Rotel Remote app.</li><li>Improved Bluetooth lost functionality.</li></ul>

*For more information or questions please contact your customer service representative.*

*-- End --*

# Technical Service Bulletin - Updated

Mar 28, 2019

## RC-1590 - Version 1.38 Software Release

The RC-1590 software has been updated to Version 1.38. This release includes one improvement . Release details are listed below.

### Release Type

Maintenance	Major	Critical
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### Software Information

<b>New Version</b>	<b>V1.38</b>
Previous Version	V1.37

### Serial Number (Change will be effective in units after the serial numbers listed below.)

Black	229-830-1100
Silver	729-816-1100

### Release Notes

- Improved Auto Off Timer to minor digital inputs. For example, if we set Auto Off Timer as "20 MINS", then:
  1. If the listening source is Coax, Optical, USB or PC-USB the unit will power off when the source device does not provide an audio signal or digital clock for 20 minutes.
  2. If the listening source is Bluetooth, the unit will power off when audio playback has stopped for 20 minutes.

*For more information or questions please contact your customer service representative.*

*-- End --*

# Technical Service Bulletin - #180626

June 26, 2018

## RC-1590 - Version 1.37 Software Release

The RC-1590 software has been updated to Version 1.37. This release includes updates for compliance with various power consumption regulations, improved SIGNAL SENSE function as well as other bug fixes and improvements. Release details are listed below.

### Release Type

Maintenance	Major	Critical
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### Software Information

New Version	V1.37
Previous Version	V1.34

### Serial Number (Change will be effective in units after the serial numbers listed below.)

Black	229-816-1100
Silver	729-816-1050

### Release Notes

- **NOTICE:** In some regions, POWER OPTION will not be available and the default setting of AUTOMATIC POWER OFF will be 20 MINS due to the limitation of Standby Power Consumption. To control the Rotel product use the RS232 connection.
- Added OFF TIMER warning message display. Unit will display a blinking remaining-time message three times in the last three minutes, each for 5 seconds, and will display a static warning message in the last ten second.
- Fixed a bug unit will not save the change of OFF TIMER, PC-USB CLASS and POWER MODE if user change their value without pressing ENTER to confirm the change.
- Fixed bug when there are more than one units supported by 15 Series app in the same network, 15 Series app would fail to discover these units at its second launch.
- Fixed a bug unit would become unresponsive when polled by any control devices via RS232.

*For more information or questions please contact your customer service representative.*

*-- End --*



# Technical Information

DATE: January 02, 2018

MODEL: RC-1590

## Software Release Notes

*The following document contains details of the software updates for the RC-1590. This model utilizes two separate software modules (Main, PC-USB) and the release notes for each are listed below.*

### Key:

New Feature

Feature Change

Bug Fix – Critical

Bug Fix – Minor

## Main Software

### V1.31 to V1.34

Jan 02, 2018

- **Bug Fix (Minor):** Fixed a 12V Trigger status error, to avoid 12V output signal remaining active after unit goes into standby while in QUICK power mode.
- **Bug Fix (Minor):** Changed to turn-off Bluetooth module when BT source input is not selected.
- **Bug Fix (Minor):** Fixed an inter-operability error to avoid Bluetooth module not working when adjusting volume knob in some units.

### V1.26 to V1.31

May 29, 2015

- **New Feature:** Enabled IP control on TCP port 9590. Refer to the IP/RS232 protocol document for more details.
- **Feature Change:** Modified the volume ramping to go back to increments of 1 only, but at a faster rate than previously to allow fast volume ramping but with precision control.
- **Bug Fix (Minor):** Made adjustments to reduce front display flickering when changing volume.
- **Bug Fix (Minor):** Fixed intermittent bug where the front display will show "Tone Bypass" instead of the current frequency when the front USB input is being used.

### V1.22 to V1.26

May 29, 2015

- **Feature Change:** Improved volume ramping speed when using the remote.
- **Feature Change:** Unit will now display " --- M DSD " on the front display and provide RS232 feedback of "freq=over!" if it receives an unsupported DSD stream (i.e. DSD128 or above).
- **Bug Fix (Minor):** Made adjustments to reduce front display flickering when the unit is idle.
- **Bug Fix (Minor):** Fixed RS232 feedback bug that mistakenly reported Optical 3 input as "input=opt32!".