

Software Release Notes

The following document contains details of the software updates for the RKB-850, RKB-8100, RKB-D850 and RKB-D8100.

Key:

New Feature

Feature Change

Bug Fix – Critical

Bug Fix – Minor

V2.43 to V2.45

October 20, 2016

- **New Feature:** Added new RS232 commands "input_sel_digital" and "input_sel_analog" to allow manually selecting either analog or optical input source for all channels or individual channels (RKB-D850 and RKB-D8100 only).
- **New Feature:** Added new RS232 command "input_sel_auto" to set unit to automatically select optical input as the first priority source when a digital signal is available, otherwise select analog. This is the default input selection behavior of the unit unless changed via the new "input_sel_digital" or "input_sel_auto" commands (RKB-D850 and RKB-D8100 only).
- **New Feature:** Added new RS232 command "get_input_sel_mode" to get current mode for input source selection (RKB-D850 and RKB-D8100 only).

V1.31 to V2.43

October 8, 2014

- **New Feature:** Added support for analog and digital Signal Sense mode – requires either a V02 unit or an upgraded V01 units to add Signal Sense hardware. Signal sense time delay is 10 minutes.
- **Bug Fix (Minor) (RKB-D850/8100 only):** Fixed a compatibility issue that could result in no audio when connected via Optical digital with some source devices.
- **Feature Change:** When unit is in Standby or signal sensing Sleep mode the front panel LED will now dim to 10% of its original brightness to indicate this.
- **Feature Change:** Optimized temperature threshold level for internal fan modes.
 - *Low speed will engage when temperatures exceed 45° C.*
 - *High speed will engage when temperatures exceed 60° C and will revert back to Low speed once temperature drops below 50° C.*
 - *The fan will turn off completely at temperatures below 40° C.*
- **Feature Change:** Disabled the RS232 commands for Power On/Off and Channel On/Off when in Signal Sense mode.
- **Feature Change:** Modified the RS232 response of the "get_current_power" and "get_channel_status" commands when in Signal Sensing mode.
 - *Unit will respond to "get_current_power" command with "power=SignalSensingMode!" when unit is set to Signal Sense.*
 - *Unit will respond to "get_channel_status" command with "ch_power=amp_on!" or "ch_power=amp_off!" when unit is set to Signal Sense.*

- **New Feature:** Added RS232 commands for Mute, Volume, and Balance controls. Please refer to the RS232 protocol document for details.
- **Feature Change:** Set the default volume value from 45 to 0 for all channels when the front panel trim pots are all set to minimum, to avoid volume jumping when enabling RS232 volume control.