



Release Notes

AtomOS 10.24

NEON 17 & 24



Firmware Update Procedure:

- Go to www.atomos.com/product-support
- Locate and download the firmware upgrade
- Extract the file ATOMNEO.FW from the firmware zip file
- Copy ATOMNEO.FW onto a drive SSDmini or 2.5" SSD in a Master Caddy II.
 - Atomos recommends you use a freshly formatted compatible drive.
 - Always format your drives in the NEON and not via your computer OS to optimal the SSD performance for video.
 - Ensure that the firmware update file is on the root of the drive, and not in a folder on the drive.
- Power down your NEON.
- Insert the Master Caddy with the ATOMNEO.FW file.
- Power up your NEON with a short press of the Power Button.
 - It is very important that your NEON does not lose power during a firmware upgrade.
 - Please ensure you do not turn off the NEON or remove the drive during the upgrade process.
- NEON plash shing will appear and then be replaced with an 'updating firmware' screen will appear and progress bar.
- The firmware upgrade may take up to a few minutes.
- When the firmware upgrade is finished, the NEON will:
 - Delete ATOMNEO.FW file from your drive.
 - Power itself down.
- Turn on your NEON again with a short press of the Power Button located on the back.

New Features

Key Features

- **Support for Button Bar Remote Control Unit (BBRCU)**
 - Expand the control interface of NEON for close field operation and fast access to tools with the Button Bar Remote Control Unit (BBRCU).
- **Onscreen menu guides for operation**
 - With connection of the BBRCU guides for operation of the functions of the buttons are displayed in the tool bar of the NEON GUI.
- **Tandem operation via App and BBRCU**
 - DITs utilising the App via Bluetooth® on iOS or Mac OS can define and set the colour pipeline and project settings. The Button Bar provides directors and camera operators quick access to scopes, monitor assist tools, frame guides and LUT previews.

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Set Up:

Link to BBRCU set up video: https://www.youtube.com/watch?v=gb_Kjwd2emM

- Install firmware version 10.24 on your NEON Device.
- Connect one end of the 2.5mm mini-jack cable provided to the remote port of the Master Control Unit (MCU) on the NEON and the other end to the remote port on the BBRCU.
- Power on your NEON and the BBRCU will illuminate the available functions.
- On screen menu guides will appear once F1,F2,F3 or F4 or activated
- The illuminated buttons indicate a press on the button will activate a function.
 - White backlight - button has an available function, but it is not active
 - Green backlight - button function is active
 - Amber backlight - used exclusively for the record button to show record can be engaged. When recording is active the Red back light will slowly flash.
- For a full overview of the available functions is detailed on the BBRCU specs document available <https://www.atomos.com/accessories/bbrcu>
- BBRCU is equipped with ARRI-style antirational mounts with 1/4"20 and 3/8" screw mounts and a full-length NATO rail providing a number of mounting options.

Notes on Limitations of Operation:

- Any firmware prior to 10.24 will not support the BBRCU.
- To prevent accidental changes to the colour pipeline the following settings are reserved for operation from the AtomRemote APP on iOS or Mac OS
 - Input settings
 - Input Type HDMI/SDI
 - Input Gamma and Gamut
 - Monitoring Settings
 - SDR / HDR
 - 3D LUT selection is available in SDR mode and preloaded LUTs can be selected via the BBRCU
 - Output Settings
 - HDR Output Gamma
 - HDR Output Gamut