

Introducing Dualsense, the New Wireless Game Controller for Playstation 5. By Hideaki Nishino

We've reached an exciting milestone with PlayStation 5, as we're starting to ship our new controller in its final design to developers who are implementing its unique features into their games. But first, we wanted everyone in the PlayStation community to get a first look at the DualSense™

When PS4 launched in 2013, the DualShock 4 wireless controller garnered a lot of positive feedback from gamers and developers for being the best PlayStation controller yet, and for introducing forwardlooking features like the Share button. This brought us to the next question – how do we build upon that success?

After thoughtful consideration, we decided to keep much of what gamers love about DualShock 4 intact, while also adding

new functionality and refining the design. Based on our discussions with developers, we concluded that the sense of touch within gameplay, much like audio, hasn't been a big focus for many games. We had a great opportunity with PS5 to innovate by offering game creators the ability to explore how they can heighten that feeling of immersion through our new controller. This is why we adopted haptic feedback, which adds a variety of powerful sensations you'll feel when you play, such as the slow grittiness of driving a car through mud. We also incorporated adaptive triggers into the L2 and R2 buttons of DualSense so you can truly feel the tension of your actions, like when drawing a bow to shoot an arrow.

This provided us with an exciting challenge to design a new controller that builds off of the current generation, while

taking into account the new features we were adding. For example, with adaptive triggers, we had to consider how the components would fit into the hardware, without giving it a bulky feeling. Our design team worked closely with our hardware engineers to place the triggers and actuators. The designers were then able to draw the lines of how the exterior of the controller would look and feel, with a challenge of making the controller feel smaller than it really looks. In the end, we changed the angle of the hand triggers and also made some subtle updates to the grip. We also took thoughtful consideration into ways to maintain a strong battery life for DualSense's rechargeable battery, and to lessen the weight of the controller as much as possible as new features were added.

For the buttons, you'll notice there is no longer a "Share" button as we had with DualShock 4. Don't worry – it's not going away. In fact, we've built upon the success of our industry-first Share button to bring you a new "Create" button feature. With Create, we're once again pioneering new ways for players to create epic gameplay content to share with the world, or just to enjoy for themselves. We'll have more details on this feature as we get closer to launch.

DualSense also adds a built-in microphone array, which will enable players to easily chat with friends without a headset – ideal for jumping into a quick conversation. But of course, if you are planning to chat for a longer period, it's good to have that headset handy.

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