

Moose Podcast #521

Moose Peterson Howdy, folks, and welcome to Moose podcast number five hundred and twenty one, the Storage Question. Well, top of the week to you folks. I trust you had a great one. I was home for a second for my Alaska Kodiak adventure, which was absolutely off the charts. Amazing. And now I'm back down into South Carolina doing some stuff on the East Coast. So I hope you are having a great time enjoying the official beginning of fall. We have a little bit of fall color here in the Bitterroot. I saw it briefly as I flew over and out and back. I've seen some other stuff that looks absolutely spectacular, so I hope you're out there shooting and sharing the wonders that you are seeing with your camera, feeling with your heart. Gee, let's see what I got going. Well, let's start with this episode of the Moose podcast is being recorded with Adobe Beta Podcast. It's what records the voice creates a transcript you can find there at the blog post at Moose Pearson dot com for the podcast, as well as your favorite places like Spotify, Amazon, YouTube, all those good places. Love to talk with you. You can leave comments at Spotify and or YouTube. And I am the one who records these, you know, responds to the questions. Uh, it's a one man shop. Love to talk to you. So hey, come on by and, uh, let's, uh, let's gab. So I've added a couple interesting doodads to the doodad list. One of them are paint brushes. No, I'm not talking about paint in the house. The paint brushes on the doodad list, if you buy them, they come in a nine pack, I think it is. Or eight pack. These are for cleaning camera gears. Now they're not for sensors. What you can do is you get them and they're about two inch wide. They're natural fibers. Check this out. Went through this with a camera tech. So I got the right one to cut them. So you have about an inch and a quarter inch maybe three eighths length. So you're going to cut off the tips of them leaves you kind of a stubby brush. And this is perfect for cleaning. You know, for example, um, let's say you go to a dusty spot and you have dust around the prism. Maybe you've got dirt in the rubber on the lens barrel. This cleans that all out before you do some of the fine tooth cleaning. Like I mentioned, this is not for your sensor. This is strictly a brush for brushing off little your camera gear. Why am I just now telling you about it? Well, because just now found the person who actually would give me an answer which paint brush to get because they're not all the same. So that's in the doodad list along with some other things I'll be talking about today. So check that out. Hey. Coming up. Um, December is the Kobe one wildlife conference. I'll be presenting three new classes there. And I would love for you to join us, so be on the lookout. I think registration will open shortly for that. And those of you who came to Photoshop World Cup of you reached out to me privately. Thank you so much for your kind words, I appreciate it. Um, it was as far as questions from the general audience, I had none, which is a first. I wasn't sure how to take that. So I appreciate you guys reaching out. Hey, this, uh, I have for you an interesting, uh, interesting, very interesting, super interesting book recommendation for you. It is not, um, this is not your typical classic read. Uh, this is, um, well, the first word I'm going to spell out, it's F a c k Failure by Benny Blanco. That's right. F asterisk c k failure by Benny Blanco. Um, ha. It's a great book. It was released on, what, the fifteenth of September. I mean, it is literally brand new. Yes. You can get it on Kindle or audiobook or hardcover. Um, what is f asterisk failure all about? It's a great it's a great book. Um. Well, it's not a, a shortcut to success as he is, as Benny will say. It's really, um, well, I've mentioned failure before on this podcast many times. This is Benny says that he is the biggest, uh, um, f asterisk, uh, failure that there is yet. He's

incredibly successful. He says failing sucks. Or at least that's what you're taught to think. Yeah. That's true. He said, I wrote this book to show you why it's the key to success. Every hero you've ever had has failed more times than you can imagine. Boy, that's an understatement. The thing that, uh, that I really like is that nobody is keeping a scorecard on your life except you. And if they are, they are an asshole. Um, the book is just really phenomenal, and I can't recommend it enough. Um, it's just a really great read. Failure by Benny Blanco. Um. Get it, read it. You'll love it. One thing, my good friends at Bedford, Bedfordshire dot com for their support of the Moose podcast. Now they have coming up. Oh, man. You know what? It just. It's just past. Jeez. Um, I'm reading the text a little more carefully. It just happened this past weekend. Uh. Oh, no. Wait. Do the math, Moose. It's coming up this coming weekend, right? Yes, the first through the third. Jeez. I've been traveling too much. I don't even know what day it is. Anyway, October first, from the third, they are having their two year anniversary celebration for their KC Metro store at that store. They've got all this great stuff going on from printer demo to, um, reps from all the different manufacturers. They're buying used gear. They got a photo op with Westcott JC great, great, great guy and shooter and teacher. That's all going on. You've got photo con coming up, uh, October twenty ninth through thirty first. Uh, they've got great gear. They've got great prices, great service. They're there to help you. And of course, after you check out, you mentioned Moose, you're going to see five percent back. This is this is Bedford's camera. I've been talking about them for over a decade. Been shopping even longer. These guys are the rock stars that keep us shooting. Keep us in the know. Hey, check it out. Bedford's dot com. Thank them for sponsoring the Moose podcast. Well, I can tell it's the end of summer and some of you had a really great shooting summer. I had a number of questions the last couple of weeks all about, yeah, how to take care of those images, the storage question. It's at the top of a lot of people's conversation. Also, in combination with the fact that prices are just shooting through the roof. Shooting, especially looking at SSD. So I had a lot of people ask me, what am I doing? How am I doing it? Why am I doing it? Here's the first key, the first key to dealing with a starting storage question. And that's your finger on the shutter release. I see photographs, people out there shooting, and they use the pray and spray religiously every time they shoot. So the first thing when it comes to storage is don't shoot so many bloody photographs of just junk. Um, it's, it's, I see it nonstop because what happens? Well, a couple of things. One, you start filling up drives, whether it's the internal drive, your notebook, your external, your desktop, your main storage, you start filling them up. And with prices going up, it's not as fun to go out and buy new storage. Two well, if you take your finger off that button, you're not so hesitant to upload those cards to see what you've got to learn from them. Yeah. All of a sudden your drives fill up and things are like saying ouch and ooh and stop and no more. And you get those. I mean, it's human nature. Why does one want to fight that? So stop hitting that button and praying and spraying. It's that simple. You don't need two thousand images for something that takes five clicks, in all seriousness, but that's the power of your finger. That means you have to be a little more committed to what you want to say. You have to Um, be a little, uh, daring. You have to have a little bit of confidence, all those things to say, okay, I'm gonna take the shot and I'm gonna make it, and they're done. It is done, and you move forward. So then with this, the card you put in the camera, it doesn't have to be so big. No, I don't run two terabyte cards. I have the iridium one point three terabytes from prograde because of the read write speed and their size. That's

what I'm using in the Z9. The Z eight and the Z are they just do a great job. And I can only remember once where I think maybe I filled up one of them, otherwise I don't. So I, I shoot the session and then typical day there's a morning session and afternoon after each one I'm going to upload those cards using photo mechanic. Remember you can go to my website, click on search on workflow twenty six. You'll see my workflow step by step, but I go through all this in photo mechanic, and then I get those off the drive internal drive on the MacBook onto an external drive. That way my computer is running its fastest, doesn't fill up. I don't have all those errors. But then again, my finger, um, it sounds like sometimes I shoot a lot, but it's all metered. It's not just pray and spray, it's just a bad, bad technique. So then I get those images off my notebook and I move them to the Pro grade four terabyte minis. I have two of those ones. The primary one is the backup. The primary goes in the briefcase, the backups in the camera bag. That's how I get images from the field back to the office. It's a continual process. A couple things most people like SSD speed. I love SSD speed, but they don't really love to read and write a ton. They have a kind of a ceiling. So you want to make sure you're aware of that because if all of a sudden you have problems, it's expensive. I mentioned a couple episodes ago the issues I was having with that eight terabyte drive. And, you know, it's, um, I love that speed and I love that size. Love the limited weight, but that crashing and replacing. Yeah, that just blows chunks. So keep that in mind. Now when I get back to the office, okay, the images have to come off those four terabyte drives into the main library. That's where a number of your questions were about. Is that storage? So I'm really happy to hear that you folks have been shooting so much this summer. That's just phenomenal. And I'm counting on you to share those images to inspire others. But safeguarding them is really important. One question. Yes, my external drives are plugged into a UPS, into another block, into the wall. And even with all that, when thunderstorms start to show up, things get shut down. Just just just because you get bit once you don't want to be bit again, it's just a pain in the arse. So there's a couple people asked about that question because it's for some places it's thunderstorm season. Now how do I have my images safeguarded? So I'm using still photo mechanic and I use super duper as a means of backing things up. Keep it simple. It does a checksum. Boom. Done. Now the actual hardware surprise. Some people ask this. It's very rudimentary, but so important, right? Because you're not looking at your images. They're not teaching you. You're not learning, you're not moving forward. You're going to go and read Benny's book more often than you might need to. About failure. So. I have primary drives and I have backup. So the two primaries I have one that's just NFS one that's just finished SDS. Now they're both using the same kind of hardware and that's o w c s uh, other world computing. O w c they're Thunder Bay four, and I'm pretty sure they got five out. Now for the five protocol. I'm not sure the speed in the new price is worth it, but I use Thunder Bay four and I have in there. Uh, I got them with set them up with. And what I did is bought the enclosure from O w C and I'm using their soft raid to manage it. So there is a raid going on. I went and got and looked and got the best price on Seagate eighteen eighteen terabyte drives. So there's four eighteen terabyte drives in that Thunder Bay four box. And with the um, red Raid in action, that gives me four fifty four fifty four terabytes of storage space. Now the. Drive started to get a little bit full to where it only had five terabytes of space left. So what it's easy to do, it just takes a little time is I'm replacing one at a time. Those eighteen terabyte drives with Seagate, uh, new twenty six terabyte drive. So when I get done, I'll actually have thirty two terabytes of additional space in that box. So, um, it's just

a, it's a simple way of just plug and let soft Ray do all of its verification rebuilding library and boom, it's done. So those are the primary drives ones for the finished SSDs. The other ones for all the NFS. Now I backed those up but I don't back those up to another raid system. And please don't ask me how this works. It's over my pay grade. It's over my head. But what I've got from o w c is I got two of their Mercury Elite pros, their four terabyte or four terabyte forty eight, excuse me, forty eight terabyte Handwriting's going to hell in a handbasket here. Forty eight terabyte. And those are I use super duper again to back up those two Thunder Bay fours to the the two Mercury Elite Pros ones for the NFS. One is for the SWD. So that's how I deal with my library once I get back to the office. Now. Paranoia runs deep, deep deep deep. Super deep. Maybe hitting magna deep. So what I have is a nother, you could say third backup for my finished SDS. And what I went and got, especially with the current prices and all is Seagate's got these new one eight one touch, twenty four terabytes and you'll find those on the doodad list. Now what's unique about these Seagate one touch twenty four terabytes is they do not need their own power supply. They run off the Usb-c port. Are they screaming fast? They are not screaming fast. Are they built like a like a tank? They're built like tanks. So what I've done is the the primary Thunder Bay four drive with my SDS in it. I've split that into two separate and combined would make one would equal. So I have two of those Seagate one touch twenty four terabytes. I have two of those. And those two have another backup of the entire Thunder Bay four PSD library. Now why have I done that? Because if, God forbid, fire ever come or I had to run in a hurry from this house, taking time to unplug drives and and power and grabbing them and going is just not physically a possibility. So these two Seagate one has twenty four terabytes. The like I said, they're not plugged in. You just grab them and go. So before you all go and start emailing me how you do it, if you've got a system perfect that is outstanding. But I don't care about what you do because I'm not going to apply it to mine. We all have to make this unique to our own situation, how we want to save our images, access our images, learn from our images, and share our images. We all need to have, you know, that that security of knowing we've done that and it's all going to be a little bit different. I just had a bunch of emails that I want to answer in one podcast, how I deal with the storage question. You folks have a great week. Get out there. Fall color. I got the feeling might come and go quickly. Uh, you know, it all depends on temperatures and moisture, but it's a great thing to enjoy and celebrate. You guys take care and remember to make every click your story.