

Podcraft Smartphone & Tablet Recording

Colin: Hey, folks, and welcome to another episode of podcraft. This is the show all about podcasting, from launching your show to monetization and everything in between. I'm Colin Gray from thepodcasthost.com joined by Matthew, as always. How you know, Matthew?

Matthew: Yeah, fine, fine. I feel like my voice is a bit croaky today and I put that down to it's. Very warm at the moment. Time of recording, september 2023. So I've got a fan on at night and I think that's maybe, I don't know, drying the old vocal cords out, maybe because it's just so warm.

Colin: Is that a tip for podcasters? Don't run fans.

Matthew: Don't run fans.

Colin: It doesn't matter how hot you get. Better to be sweating like crazy than drying yourself out.

Matthew: Exactly.

Colin: Well, it'll just be that gravelly tone then, Matthew. You'll just be sounding a bit, know, movie voiceover than usual.

Matthew: Maybe get some gigs on fiverr.

Colin: Exactly. All right, thank you for joining us again, listener out there. You're all wonderful for coming along with us on the journey around podcasting equipment re recording this season that we've recorded, I don't know how many times have we done the podcast equipment season now, Matthew, in the last seven or eight years?

Matthew: Every two or three years. It does need a bit tarted up, doesn't it?

Colin: Indeed. Yeah, things change. Things change. Although a few of the bits of gear actually have had a bit of longevity have appeared in most of the seasons that were recorded. So this time around, we are going to be covering mobile recording with smartphones or tablets. So how you can actually record on a mobile phone. So let's jump into it, Matthew. How do we start with this of what's the starting point when we think about recording with a mobile? Is this just for out and about or is it in the office, in the studio as well, or? What do you think?

Matthew: Yeah, it depends, doesn't it? Like, traditionally, this was more of a flexibility thing, wasn't it? Like just being able to get out there on the go, take your cat with you at any point. And I suppose these days as well, with video podcasts and increasing in popularity, it fits in quite well with that workflow too, doesn't it?

Colin: Yeah, totally. It's a good point, actually, in terms of, like, if you want to record a video, a lot of people are doing it on their phone, so as long as you make the audio good on your phone, then you can turn it into a podcast really easily. And actually, the good audio works for video too, doesn't it?

Matthew: Is there any other sort of benefits of this approach that you could think of?

Colin: Well, I mean, it's cheap, it's tech you've got anyway, isn't it? Use your phone for recording, then it means you might not have to buy anything else. Although we are going to talk about what stuff that you maybe need to buy to make your phone, a decent audio recorder, so you might still have to buy stuff anyway. But rather than buy we covered digital recorders in a previous episode, didn't we, Matthew? This is a lot cheaper than buying yourself a Zoom H Six or something like that.

Matthew: Definitely, yeah. One of the things that I was thinking about in terms of podcasting with your phone is the idea that and I think it was Matt Boudreaux that initially wrote about this on the site a few years ago. I'll dig that out and put it into the show notes. But the idea of doing an asynchronous podcast via your voice clips in any messenger that you use. So whether that's WhatsApp or Facebook or whatever so like for, you know, we were messing about with those glucose monitors recently so I could send you a you know, and know, I'm sitting here with my grass fed steak and my broccoli and everything like that and everything's going well and then you'll reply to me later on. I've got my deep fried pizza, my iron brew, and my lines are all over the place. So over time, we could send these voice messages back and forward and then you could just download them and compile them all together and that would obviously work for any topic as well. So it'd be a bit of a funny way of doing a podcast, but it would be ideal for somebody that was just maybe two co hosts that just never had the time to actually get together.

Colin: Yeah, we've thought about it a couple of times, haven't we? And I've wondered about there's a few good tools on desktop or on your computer that can do this as well. Like Zip Message was one that I used a lot recently. I think that's rebranded to clarity flow, potentially. But you can send video clips and yeah, I've been able to turn them into a podcast where you just keep kind of going back and forth asynchronously could be really interesting. But, yeah, I think that's there's a few good reasons, isn't there? The video podcasting, one I think is the most interesting at the moment, just the fact that a

lot of people are using their phone to record those videos anyway. So I think this ties in. We're going to talk about how to record good audio on a phone, so if you're doing it that way, then you might be able to record in video as well. So hopefully this ties into that if you want. So let's talk about how you set it up, then. Matthew, is a built in phone mic good enough or do we have to add stuff on?

Matthew: Yeah, until I tried it, who knew that trying stuff would give you a better qualified opinion on things? But until I'd tried it out, I would have said no. But it was when Dev did that article recently for us about mics generally on laptops or whatever, and I just got an on the act because I was curious and tried out on my phone and I thought it sounded like I'm not going to say really good, but I'm definitely going to say good enough. It certainly rivaled at least like the snowball in that I know that's not a high bar to aim for, but.

Colin: It's something a lot of people are using, for sure.

Matthew: Yeah, exactly. So, yeah, I am in the camp now where I would say, look, if you're struggling, then yes, this is perfectly acceptable. All phones are different, I suppose. So you do need to check yours and make sure you're happy with it. But there will be worse out there, certainly.

Colin: Oh, for I mean, an Apple phone is generally really good build quality. They've got good mics built in. We've always said, in fact, we said in a previous episode, if you're going to use an internal mic on a laptop to record, then generally the only ones that are vaguely acceptable are ones on Macs. So if anyone's got an iPhone, then quite often that can be good enough. Decent enough. And the good thing as well is so many of the platforms that we use these days for making our podcasts actually cut out a lot of the trouble that these types of mics bring in. You can't fix **** audio, but if it's decent audio, like a mobile phone voice EQ actually, like auto voice EQ stuff's really good these days, like the one we've got built in Dalitu, for example, you put in kind of average sounding audio and it really can bring out the bass, it can bring out a bit of resonance. It's weird how good they are. I mean, I don't understand the science behind it. Far smarter people than I, than me are building these. But put it through that stuff and even an average mic can sound like quite good. How do you hold it though, Matthew, if you're using a mobile phone for that kind of recording, like the internal mic, what do you do? Do you hold it up to your ear like a phone call?

Matthew: I think that's only old folk like us that do that these days. Like, my nephew is 14 and when I see him talking on the phone, they kind of hold it in front of their face.

Colin: That's weird, isn't it? I don't understand why that's happened. Is that TV? Because they've all had to do that in reality TV so that they can hear with the speaker.

Matthew: Is that all it's maybe they're just more sensible than us because we are holding it right next to our brain and it's really bad for you, I've heard. So maybe they're just more sensible than we are. I don't know.

Colin: It's a weird thing. I remember almost I used to watch it. You watch The Apprentice? Alan Sugar? No, you never watched it? It's standard kind of business games thing, reality TV, essentially. And they do a lot of phone calls on that. And I remember quite vividly the first time I saw somebody on that program holding their phone that way. It was the first time I'd seen it. They're holding it in front of them, speaker phones on, and I suppose in there, it was a practical thing because they were doing it as a group, they all needed to hear it, but more importantly, the camera needed to hear it, like they needed to do it so that it could be filmed for reality TV. So I think I reckon that's where that's come from. It's not more useful or better, it's like it's literally going by example of seeing people on all these crappy reality TV shows holding their phones that way.

Matthew: Because they're by the producer healthier.

Colin: Well, yeah, you're right, maybe it's a.

Matthew: Good job I have no friends, I don't have to worry about it, nobody phones me anyway. So it's a good question how you phone it. I would probably hold it like that if I was doing it wouldn't be so if you're just using the built in mics, it's just literally the phone. But if we move to like, say, plugging in other kinds of mics, there's a few different options for how we would plug them in, isn't there?

Colin: Yeah, indeed. Every phone's got a kind of input port in the bottom, doesn't, don't they? They used to have a couple, they used to have like a charging port, which you could often use to connect a phone to a device, but equally, you'd have a headphone port alongside that, so you'd often have those two. These days, most phones only have the one, don't they? So you have to have, like I used to be able to plug a pair of 3.5 mil headphones into my iPhone and they could work as a headset as well, so you could record that way. But these days it's only got a Lightning port, so I need to plug in if I want to plug in a 3.5 mil microphone or headset or whatever, I need a wee Lightning adapter which exists. They're fine, they cost like a few quid. They're not very expensive, as long as you don't buy the official Apple one. But equally, you get a lot of devices that plug in just via USB as well, don't you? Matthew, you seen any mics recently that have come out with that kind of automatic, or not automatic,

like that kind of direct connection, just like USB to Lightning or USB to whatever USB C that Samsung phones or Android phones use.

Matthew: Yeah, more and more mics, you're seeing them come in with kits that will connect them with phones. I suppose it's know we're throwing these terms around, but USB C, that's just your fairly universal sort of USB connection, isn't it?

Colin: Like a laptop, that's the new round one, isn't it? The one that you don't have to get. It the right way up. I never remember the difference. Like USB mini, I think, potentially was the one that you had to do it the right way up, and it always broke because you try and put them in the wrong way up.

Matthew: Shoving it in the wrong way.

Colin: Yeah, exactly. But the USBC one is the one that works on most Android phones these days, and Apple apparently are talking about changing to that because it's just a tall pain in the **** that they have their proprietary Lightning thing, so that'd be cool.

Matthew: So lightning is apple, isn't it? Like iPhones, iPads and stuff like that. With 3.5, that is the connector that you'll find on most headphones, most traditional earbuds and stuff like that. I've had like, an old iPhone for years. I know you tend to have the Android phones, are they still always coming with 3.5 millimeter ports in them or.

Colin: They less and less? Yeah, I've not had a new phone in ages. I'm not a big phone guy, like, I upgrade every three years or something like that, but I haven't seen other people's phones. I help my kids. I've had to buy them for kids recently, for Kate, for friends, all that kind of stuff, because I'm the tech guy, apparently, so I have to help. I haven't seen a new one with a 3.5 mil on it for ages, so, yeah, I think they're just about all I wonder what the percentage these days is of people plugging in a wired headset versus having a pair of wireless headphones. Like, wireless is so prevalent now, isn't it? I'd imagine more than half people probably have wireless by now, although maybe that's a total privileged position, potentially, because they're more expensive. So maybe that's entirely off. But yeah, it seems like phones are going that way.

Matthew: Certainly with the old 3.5, the way you could always tell if this was going to work as a microphone as well as headphones was you've got TS, you've got TRS, and you've got TRRS. So it means tip ring sleeve or tip ring ring sleeve. So if you look at the jack on your earbuds, you'll see a couple of e rings on them. And if it's got two rings around it, that means that it will work both ways as an input and an know, not just as earbuds. And that's why, like, on the old white Apple earbuds, you could do phone calls on them because the audio could go both ways on them because it was a TRRS. So not very exciting, that, but I thought it warranted mentioning.

Colin: No, it comes up, it's worth mentioning. Yeah, for sure. Again, it's kind of old fashioned these days, isn't it? You're pretty much just using wireless headphones or potentially plugging in a proper mic via Lightning or USBC, but yeah, worth mentioning. Okay, shall we get into the recommendations then? Some gear? Yeah, all right. Just before we jump into that, I want to mention I've been talking throughout this season about a few of our courses. Last time around, I talked about our Growth course. We've got our new Growth Course, which is out. It's inside our IndiePod academy. And we've also got our Launch Essentials Course in there, too. It's a launch course that includes every essential part of launching your podcast. So if you're still out there, you're either just to launch your new podcast, maybe this is you picking up the gear that you need to launch it. We've got a full gear guide in there, all recommendations, how to set it up and everything, but we've got everything else you need to launch your show as well, including how to set up hosting, how to set up that website early growth plan for your launch as well, how to plan your show. One of the biggest things that people miss often is figuring out really how you're going to sell that show to your listeners. What is the hook that brings people to that show? What makes it a bit unique, what problem are you solving? There's a real structure, a real format around putting that together, which I share in this course, which helps you write your description, create a great title, create great artwork, all of which is key to really draw people to your show in those early days. Make sure it's got the best chance of success. So that's our launch essentials course. I'd love you to take it. Go over and see it. You can find it@thepodcasthost.com. Launchcourse same format as our growthcourse, which is thepodcasthost.com growthcourse. So that's our launchcourse, thepodcasthost.com launchcourse. Please dig in some feedback. Let me know what you want in there. If you want something else added in, whatever, go over, see it, have a go and get that podcast out there into the world. All right, Mike's? Aunt Matthew.

Matthew: Yeah, I picked out a couple. Well, more than a couple, because a couple means two. I picked out four. Five, actually. I can't count microphones that we've reviewed over the years on the site that work with telephones. So the old classic, and we've talked about like 3.5 mil connections and how they're not what they used to be, but the rode smart lavic could still work if you've got that connection, can't it? So this is your classic recommendation for phone recording, isn't it?

Colin: Yeah, totally.

Matthew: Yeah.

Colin: It's just a wee lav mic, isn't it? A lav mic, just for the uninitiated, means a mic that plugs into clips onto your shirt. Those little mics you often see, like, TV presenters wearing just clipped onto their shirt, just below their mouth, really. So really easy to use. The SC Six splitter is the thing that lets you potentially plug two of these in as well, though, isn't it, Matthew? Like, you can have two people plugged in via the SC six and then that goes in via the 3.5, I think.

Matthew: Yeah.

Colin: Did you get what's the latest phone you've got, Matthew?

Matthew: I've had this for years. I think it's an iPhone five. Is that funny?

Colin: I knew you weren't like that. Update. Like I said, I'm not a totally up to date iPhone person, but isn't that like literally ten plus years old?

Matthew: I don't know. It could be. Could be.

Colin: I reckon that's yeah. Anyway, okay, sorry, Matthew didn't take me back, so never mind.

Scratch that question. That's utterly irrelevant to you. But when you get a newer iPhone, you do tend to get a you did for a while, get an adapter. Don't know if they come with them anymore, but if you just go on Amazon, you get type in like Lightning two 3.5 adapter, and you'll find these Wi adapters and you can buy packs of like three or four of them for a few quid. They're not very much. So even if you do have a more modern phone, what use one of these mics? You can plug a 3.5 mil mic or the SC Six adapter with two of these mics, two rode smart lav pluses into it, into a more modern phone as well, and it works just fine.

Matthew: It's unlikely anyone would do that, though, isn't it? Because looking at the price of the smart lav now, \$66 each, and the SC Six, which you struggled to get it for years, but looks like you could get it again, that was 79. So like two of those plus your SC six is like \$211. And then if you're saying you might need to buy like an adapter or a dongle or that as well, it's.

Colin: Just a big expense. You're right. I think it's a real unique use case, isn't it? Like, if you are out and about a lot, if you do record in the wild a lot at events, things like that, it's tiny. You can have this in your bag all the time. I used to just have it in my bag and it's a wee thing, like smaller than a wallet that includes those two mics, the adapter, and it really is like almost a studio in a tiny wee thing like that. So it depends. I think if you're the kind of person that does go to a lot of events, meets a lot of people, does get the chance for an impromptu interview, that could be really good content for your podcast, I think it almost is worth it. And I don't know of a better option with that kind of configuration right now. Do you do you know anything else that's that small that's that easy to use?

Matthew: Yes. Next on my list here. Yeah.

Colin: Okay, sorry. Go on, go on then.

Matthew: I was going to say the Rode AI micro, so you could still get your two smart labs and use the Rode AI micro because that plugs in via USB-C or Lightning.

Colin: Okay. But you're still buying the two road smart labs.

Matthew: Yeah. Is that right? Yeah. Or any other mics with 3.5 mil connections.

Colin: Okay, got you. Yeah.

Matthew: And this looks like it's the same price as well as the SC Six.

Colin: Yeah. Okay, perfect. But still same kind of price, like still in that 200 plus dollars range.

Matthew: No, 79. So \$79. But you still need to buy your two smart labs or your two mics or whatever.

Colin: So the full setup is still like 200 plus dollars.

Matthew: Yeah, it would be if you were getting the smart labs. Yeah. But this just looks like a more modern sort of version of it. Like I say, you're not going to need any dongles or adapters. And you could plug in your two microphones and you could plug in set headphones, too, 3.5 millimeter ports on it. And when you're recording it, too, it's like two channel, so it does stereo recording. Like you on one side, me on the other side. You could split that and tinker with it if you needed. Good stuff. Pretty cool device. So we've got it was Sarah that did a review on the site. Again, all the links will be in the show notes, but that's called the Rode AI micro.

Colin: Yeah, perfect. Okay. Yeah, great suggestion. Yeah, absolutely. You're totally right. I was more thinking of the kind of wider thing, like the two Smart Labs and something that plugs it into your phone. So, yeah, absolutely right. Swap the SC. Six for this road. AI right, what else we got?

Matthew: The sure MV 88 was one that's come up as well, that was reviewed on the site. Was that Sarah as well? I think it was. So there seems to be sort of two versions of this. They've got like, the motif. MV 88 audio companies, they're never great at names, are they? And then you've got one that's a video kit as well. So that's like I think the mic alone is like 200 and the video kit is like 250. So self explanatory. If you're going to do video, maybe the video kit is going to give you some more options there. But again, USB-C and Lightning connections give new options for Android and iOS.

Colin: Yes. This is cool. It's a little kind of directional mic, isn't it? That comes with the video kit. Certainly comes with a whole, like a stand and hot shoe mount and all that kind of stuff. So you could stick it on top of a normal camera, but equally, you can mount it alongside a mobile phone. So that's really cool.

Matthew: Actually.

Colin: You can put that alongside it. That's really just for solo recording, isn't it? Because it's just one mic that will point at one person, I guess.

Matthew: Yeah.

Colin: You ever tried one of those? Like, something like that? Because that's probably not going to be I mean, it's not like a full on shotgun, like a foot long, so its directionality is going to probably be a wee bit wider than that. I wonder what they're like if you point it at two people that are sitting relatively close together, like if you're doing a video podcast and they're kind of two people having a conversation, only a meter kind of apart. I wonder how that works. Never tried that. Have to give that a go sometime. All right. Okay, what else we got, then?

Matthew: Another one that I played with a few years ago, which has had a few iterations now, the Road Wireless range. So I got the initial road wireless. Go. I was able to play with that on both my phone and with my Zoom H Five. So it had a USB C connection. It had a 3.5 millimeter connection, too. They came out then with the road wireless go two the price was bumped up a wee bit there, last I checked. About 188 for one of them, or 289 for the set for two of them. And then they're just released recently the Road Wireless Pro. Again, Road doing their thing where everything just sounds like that sounds the same. It looks like one of them is about \$400. But last I checked, Road, we're going to send us one for review. So I'll keep on at them and make sure that we're able to do that within the next month or two.

Colin: Yeah, perfect.

Matthew: Road stuff is always first class. Like, even the first generation of this I was pretty impressed with. And you know what road are like. They're constantly improving stuff. So I've got no doubts that it's going to be excellent kit. But again, for that price, you would hope so.

Colin: Yeah, totally. I love these mics. I use the first wireless go. Or is it the two? I think it's just the first one. I think it's the wireless go one for my video stuff. So I put the receiver on top of my DSLR camera. I've got the lav with an actual lav mic plugged in. It's really cool that you can use these little units just as a mic. They've got mics built into them, don't they? So you don't actually need an external one. I use it with an external lav mic, the rode one. And it's really good quality. It comes across really well. So, yeah, I'd love to try. I can't wait till they send out the Wireless Pro to give that a shot, but you're absolutely right. It's certainly higher budget, that one, so maybe later in the day for most podcasters, I'm sure.

Matthew: When I reviewed that, it was like the depths of winter and I took it out. I was working for home at the time. I think it was like peak COVID. And I went out for a walk to do a sound sample. Whilst I was walking and the puddle was all frozen in it. I didn't fall over, but I did, you know, the big, like the big dramatic sky. It feels like you go about, I don't know, 6 meters, somebody looking out the window think, like, guys, poor guy's talking himself, and now he's nearly slept and broke his jaw. Yeah, I got the review done. So dedicated guy.

Colin: Okay, last one we've got is a recommendation from one of our favorites, as usual, zoom. So Zoom have got their own little mic that plugs into a phone, too. Tell me about that. I've never used this one.

Matthew: Yeah. Lindsay uses this. Probably. I don't know if we'll still have it, but we had a very old iteration of this back in our second office, and I tried it out and it was fine. It looked a bit funny. I've always had tiny, ancient iPhones, and this thing looked a bit bulky. Just sticks on the top. But I lindsay uses one and she really likes it. So this is like iOS only, iPhone only. But if you want to turn your iPhone in a glorified zoom recorder, you could do that for about \$100.

Colin: Yeah, cool. Yeah, I remember that when you were talking about the older one, it was a kind of spherical yeah, totally. It was more like more omnidirectional, I think it was partly directional. But this one's a stereo one, isn't it? It looks like the one you get on top of a normal zoom H five or zoom H six little stereo mics that are off at an angle. That's really cool. It's funny, isn't it? It basically turns your mic into zoom sorry, your phone into a zoom recorder. You'd hold the phone with a wee mics kind of pointing up to your mouth or even to somebody else. You could do a push. You could do an interview with somebody like this, couldn't you? If you were holding the phone like a mic and basically moving it between the two people, like, if you stand, like, vox pops or whatever, like standing in an event space, like moving it between the two of you, or even a longer one, if your arm can take it. Could your arm hold it up for that long, Matthew, with all your strength training these days? Okay, cool. Is that the last one of the mic suggestions?

Matthew: Yeah. Again, that's a few different options for all use cases and different price brackets, too. So we'll put links to all those reviews in the show notes, and you could make your own mind up. They'll be perfect. You'll find, like, photos and sound samples and everything in those reviews as well.

Colin: Yeah, perfect. All right, sounds good. Okay. Is it worth talking about recording the actual how you record on your phone? Just a wee bit briefly at the end here.

Matthew: Yeah. Worth a note. What do you use if you're ever working on your phone?

Colin: I have tried out recording apps in the past. There are some special ones. Like, I remember getting a sure mic at one point from a phone, and they've got a special app that you can use to record. Honestly, I just use the dictone. App. Like, there's a voice recorder app on every iPhone. There's a voice recorder app on every Samsung phone I've had in the past. That's usually the Android type that I've went for. But every other phone, they've always got like a voice recorder app on them, which works perfectly well, doesn't overcomplicate things, and you can generally export really easily because it'll tie into the standard software on your phone. So I just use DICT phone apps, to be honest. You ever tried other ones?

Matthew: I've not got a lot of experience with them. I mean, one option that jumps out is like, if I was doing a video podcast and I was doing calls, then I could use, in theory, I could use Riverside. They've got an app now that works on both iOS and Android. So as long as I was paying the adequate tier I know Riverside have a free tier, but I could use Riverside for that if I was doing the video and calls and stuff.

Colin: Yeah, we have covered these in the past, haven't we? So we've got an article on the site. So if you are interested out there in looking at some of the recorder apps, go and have a look at the link in the Show Notes. We'll have our recording apps roundup right in there. There's a few options out there that certainly have a look at. I'd recommend just the Dictaphone app, though. Yeah, like Spotify podcasters, stuff like that. But yeah, go and have a look if you're interested. Link is in the show notes. All right. Matthew, does that cover it, I think for mobile recording?

Matthew: Yeah. I mean, it's just a final note on that. I suppose you will find recording apps that will maybe give you a higher quality recording in terms of some will let you record like WAV formats or maybe a higher bitrate MP3 or whatever when it comes to the editing as well. Obviously, you'll get a lot of tools that have editing capabilities in there I would only use and it's no slight on the tools themselves, it's more just the size of the interface you're working on. I would only recommend that if you absolutely had to if I'm doing any sort of editing, no matter how basic, I would rather at least get it on a tablet sized screen, but preferably like a laptop or whatever. I know these tools get better all the time, but you're just so limited by room and it could be really fiddly trying to do literally doing editing on your phone, especially an old phone like mine.

Colin: No, I get you. You're absolutely right. You almost certainly end up on your computer at some point, unless you're in some really specific workflows to publish it, for example, or to type in a title in the description and all that kind of stuff, you're almost certainly going to end up on a laptop or a desktop at some point anyway. So I've seen people trying to over optimize their workflows by putting like trying to do the editing on their phone while they're out and about, but I think it always ends up more trouble than it's worth. Just like you're saying there, Matthew. So, yeah, for sure.

Matthew: There seemed to be an era like a couple of years ago where the most common podcasting question was. The most common advice that you would get asked about setups was like, I need to do multi track recording and editing on my phone and I need to plug in like nine yetis to my phone as well. It was really unreasonable and unnecessary set up that people thought that they had to put in place. I'm glad you don't hear much about that these days.

Colin: No, it went away, didn't it? That's good. Yeah. So people must have realized it's an optimization that's not worth it, I think. Just get on your computer, record on your phone by all means, if it suits the context out there at an event, or if you just meet somebody on the go or something like that. But get back and actually just do it quick and fast and efficient on your computer. Get it out there and then move on to the next episode.

Matthew: But if you are interested in doing editing on your phone or tablet or that we will have links in the show notes, we've got articles on how you could do that on both iPhone Android. You'll find the show notes at Forward slash techseason and we also have our resources page, don't we, Con?

Colin: Yeah, that's over at Forward Slash Resources. So the Forward Slash Tech season will give you a rundown of all the episodes in this season. A full guide to podcast equipment and software. And the resources one actually just shows everything that we use, so everything even outside of the gear and the software stuff that we use for growth and marketing and websites and all that kind of stuff. So, yeah, go and check them out, techseason or Forward slash Resources and I'll make a quick mention of our launch course at the end as well. If you want to check out Launch Essentials, I think one of the best guides out there just to get in your show. I might be a bit biased, but one of the best guides out

there for getting your show out there into the world, launching it to the world. You can find that over at Forward slash Launchcourse. I'd love it if you checked it out. Helps support all of this free content that we do. All right, Matthew, cheers to join me, as always.

Matthew: Thank you.

Colin: And thank you out there, dear listener as well for joining us. Thank you for following along this season. Hope you're having a great day and we'll see you on the next episode.