



1 **Pandora (P) Q417 Financial Results Conference Call February 21, 2018**

2 **Scripts for:**

3 **Derrick Nueman, Vice President, Pandora**

4 **Roger Lynch, President & CEO, Pandora**

5 **Naveen Chopra, CFO, Pandora**

6

7

8

9 **February 21, 2018**

10 **Derrick Nueman**

11

12 Good afternoon, and welcome to Pandora's fourth quarter 2017 financial results call. Before we  
13 begin, let me remind everyone that today's discussion will contain forward-looking statements  
14 based on our current assumptions, expectations and beliefs, including projected financial results  
15 or operating metrics, business strategies, anticipated future products or services, anticipated market  
16 demand or opportunities and other forward-looking topics. For a discussion of the specific risk  
17 factors that could cause our actual results to differ materially from today's discussion, please refer  
18 to the documents we file with the Securities and Exchange Commission.

19

20 Also, during this call, we will discuss non-GAAP measures of our performance. GAAP financial  
21 reconciliations and supplemental financial information are provided in the press release filed today  
22 with the SEC, and detailed financials are available on our Investor Relations site.

23

24 Today's call is available via webcast and a replay will be available for two weeks. We will also  
25 post the full text of today's prepared remarks once they have been concluded. You can find all of  
26 the information I have just described on the Investor Relations section of Pandora.com. On today's



27 call joining me are Roger Lynch, Pandora's President & CEO, and Naveen Chopra, Pandora's Chief  
28 Financial Officer. With that, let me turn the call over to Roger, welcome Roger.

29

30 **Roger Lynch**

31

32 **Introduction**

33 Thanks Derrick and as you all know this is Derrick's first Pandora earnings call and we are excited  
34 to have him here.

35

36 Good afternoon everyone.

37 I've now been at Pandora for almost five months, and having had a chance to dig in, I'm even  
38 more excited about the opportunity. We continue to set the standard for music discovery and as a  
39 result, our users spend more time with Pandora than any other digital publisher (as measured by  
40 Comscore). With nearly 75 million monthly active users, Pandora remains the largest streaming  
41 audio provider in the United States and is the largest publisher of digital audio advertising. We  
42 are well positioned to enter a new era of audio.

43

44 What do I mean by this?

45

- 46 ● Digital audio is on the verge of massive growth.
- 47 ● Americans listen to an average of 4.5 hours of audio a day and in the past two years alone,  
48 time spent listening to music grew about 40% (source: Nielsen Music, Music 360 Report,  
49 2017).
- 50 ● This trend is going to continue upward as we see explosive growth in connected and voice  
51 activated devices and rapidly increasing consumption of other forms of content, such as  
52 podcasts.



- 53       • To put it in perspective, we expect 1 out of every 2 people will have a connected device in  
54           their home by 2022. This will encourage incremental audio listening.

55

56   These trends are early signs of a broader sea change in the world of audio. Just like broadcast  
57   video, newsprint, and most other forms of media, audio is transitioning from a one-to-many  
58   broadcast experience to a one-to-one model with personalization at the core. This means the \$16  
59   billion terrestrial radio market will increasingly move to digital models where listeners enjoy a  
60   better experience and advertising can be targeted and data-driven.

61

62   As I described last quarter, we are well-positioned to take advantage of this transition but first we  
63   need to address our challenges head on. We're starting to do just that and during Q4 we began  
64   executing on many of the initiatives I outlined on the Q3 call. Q4 was an important first step toward  
65   these goals.

66

67   Naveen will share more specifics about the quarter after I share some highlights on our efforts to  
68   drive users, improve monetization, and create long-term operating improvements and leverage.

69

## 70   **Active Users**

71   Starting with users...

72

73   Although it's too early to expect the initiatives we identified last quarter to shift the trajectory in  
74   our audience metrics, we are pleased with the launch of several important initiatives across  
75   product, marketing and partnerships that we expect will improve audience retention and  
76   engagement over the course of 2018.

77



78 On the product front, we previously highlighted the importance of adding more interactive features  
79 to our ad-supported service. In late Q4, we took a major step with the launch of Premium Access.

80

81 Premium Access is a product that addresses the largest reason listeners use other services -- they  
82 want to listen to a specific song or artist but can't do so without a subscription. With the launch  
83 of Premium Access:

84

- 85 ● Pandora users can now unlock a window of robust on-demand music listening in exchange  
86 for viewing a short video ad.
- 87 ● They are able to search for a specific song or artist and share direct playlist links with  
88 friends.
- 89 ● This not only delivers a more complete experience to our listeners but it opens new  
90 promotional opportunities for artists to feature their latest tracks and albums.
- 91 ● It also unlocks new rewards-based video inventory for our advertisers.

92

93 With this new product offering, we now have more compelling and complete functionality in our  
94 mobile ad-supported service than any other competitor.

95

96 Premium Access also represents the simplest and easiest way to try Pandora Premium for a limited  
97 period of time - an experience that we expect to become a highly effective acquisition channel for  
98 our subscription service.

99

100 Later this quarter we will start our marketing of Premium Access, engaging artists and creating  
101 more doorways -- so that users on our ad-supported service can more easily find the new  
102 functionality and search for any artist or song they want. Nonetheless, early results are  
103 encouraging: we're seeing higher repeat sessions among Premium Access users, more use of



104 Premium Access by younger users, and better conversions to our Pandora Premium subscription  
105 product, especially by younger listeners.

106  
107 While Pandora's ad-supported service remains the biggest part of our business, our subscription  
108 products continue to perform well. We added approximately 300 thousand subscribers in Q4 and  
109 grew subscription revenue 65% year-on-year, excluding Australia and New Zealand. As much as  
110 people want to paint us as either an ad-supported business or a subscription service, I am a firm  
111 believer that we need to meet consumers where they are. While we're the largest ad-supported  
112 music service and we intend to press this advantage, I see significant opportunity to grow our  
113 subscription business and utilize the tactics I've learned from running three other subscription  
114 businesses prior to this.

115  
116 Also on the product front, we have achieved spectacular listener growth through voice-activated  
117 devices. In Q4, Pandora listening on voice-activated devices was up 145% year-over-year. Given  
118 the expected growth in voice-enabled speakers, we believe this trend will continue. Our continued  
119 investment in audio experiences, voice and personalization will help drive sustained momentum  
120 in this rapidly evolving market.

121  
122 During Q4, we also announced a number of device partnerships, including Comcast's Xfinity X1,  
123 Sonos, Amazon Fire TV, and Android TV. These are important because they enable our full suite  
124 of ad-supported and subscription services, as well as Premium Access in the future, on all the  
125 devices consumers care about. This is a critical part of our plan to grow, and these announcements  
126 are a taste of what we expect will be many more during 2018.

127  
128 We have spoken about our intention to expand beyond music by adding podcasts to Pandora's  
129 wealth of audio content. Podcasts are the first natural step because of Pandora's ability to address



130 the biggest headwinds to Podcast growth: discoverability and monetization. Our strengths in these  
131 areas combined with our advertising scale provide us the ability to bring podcasts to market in a  
132 way no one else has to-date.

133

134 I also believe that Pandora can make a more effective use of the audience equation: marketing.  
135 This past quarter, we announced that we're investing in martech tools that leverage our strength in  
136 data science, which we already use very effectively in both our consumer and advertising offerings.  
137 We're bringing in a team that can take advantage of this approach, led by our new CMO, Aimee  
138 Lopic. I look forward to seeing Aimee's analytics-driven approach and our increased capabilities  
139 improving the effectiveness of our marketing spend as we progress throughout the year.

140

#### 141 **Monetization/Fixing Ad tech**

142 Moving onto monetization...

143

144 Last quarter we spoke about our need to invest in ad tech, including increased focus on  
145 programmatic, which will leverage many of the strong capabilities we already have -- scale,  
146 targeting and innovative ad formats. I am happy to report our programmatic video offering is in  
147 beta and yesterday we announced our audio programmatic pilot with Volkswagen, Omnicom  
148 Media Group and top DSPs including The Trade Desk, MediaMath and AdsWizz AudioMatic.  
149 These offerings are expected to drive RPM growth over time by increasing sell-through and  
150 optimizing CPMs.

151

152 Of course there are other important ad tech initiatives including new ad formats, ROI  
153 measurement, self-serve and better automated tools. We've also mentioned that we are exploring  
154 build and buy options to tackle these and we've made meaningful progress on those plans. We'll  
155 share further details as 2018 progresses.



156

157 **Organization Improvements**

158 Shifting to our organizational efforts, we recently announced we've undertaken several steps to  
159 fund the strategic priorities I just outlined. As I stated on our Q3 earnings call, we'd first focus on  
160 internally funding these investments by reallocating funds within our current cost structure, and  
161 we've done just that by identifying approximately \$45 million in annualized Adjusted EBITDA  
162 cost savings to put toward these efforts. We've also made changes to our org structure to drive  
163 more innovation and faster execution. And finally, we're increasing our presence in Atlanta, a city  
164 with a rich history in music that also gives us access to a wealth of talent that can be hired and  
165 retained at lower costs than in the Bay Area.

166

167 **Conclusion**

168 In closing, I'm confident that we're taking the right steps to reinvigorate Pandora. This means  
169 driving more listeners to our platform and a continued focus on monetization. From launching on-  
170 demand for our ad-supported listeners to our programmatic efforts, we made progress on several  
171 important initiatives in the last quarter alone. I expect them to help accelerate our business as 2018  
172 progresses and enable us to take full advantage of the rising importance of digital audio. Thanks,  
173 and I'll now hand it over to Naveen.

174

175 **Naveen Chopra**

176

177 **Brief Overview of Q4 Financials**

178 Thanks Roger.

179 Financially, Q4 came in significantly better than previously expected but more importantly as  
180 Roger detailed, we are excited about the progress made on several key initiatives that are critical



181 to improving future financial performance through a return to active user growth and enhanced  
182 monetization.

183

184 I'm going to share some additional color on our Q4 results and then address guidance. Please note  
185 that for the purpose of our comments today, we will exclude Australia, New Zealand and Ticketfly  
186 from year-over-year comparisons for revenue, operating expenses, actives and hours.

187

#### 188 **Q4 Revenue**

189 Q4 total revenue was \$395.3 million, growing approximately 7% year-over-year. This was driven  
190 by a 65% year-over-year increase in subscription revenue partially offset by a year-over-year  
191 decline in advertising revenue.

192

193 The growth in subscription revenue was driven by subscriber growth and higher ARPUs. In the  
194 fourth quarter, we added approximately 300 thousand subscribers, bringing cumulative subscribers  
195 to 5.48 million. ARPU increased to \$6.08 as strong growth in Pandora Premium subscribers, which  
196 have a higher monthly ARPU, continued to offset declines (albeit a slower rate of decline than in  
197 Q3) in Plus subscribers.

198

199 Q4 advertising revenue was better than our expectations because a greater proportion of ad buys  
200 were placed later in the sales cycle than we typically see in the fourth quarter. However, ad revenue  
201 fell year-over-year primarily due to the decline in active users. Ad RPM grew 12% year-over-year  
202 to a record \$75.65 in Q4.

203

204 The strong ad RPM reflected a meaningful increase in blended effective CPMs and a slight  
205 increase in ad-load, offset by a modest decline in sell-through. It is also worth noting, Mobile ad  
206 RPM exceeded Web RPM for the first time ever. Five years ago, mobile ad RPMs were half that





207 of web RPMs. We highlight this because it speaks to the potential of new platforms and ad formats.  
208 Today, we have a major focus on driving listening through the new generation of CE devices like  
209 smart speakers. Those platforms don't monetize well today due to limitations in ad-tech and  
210 relatively nascent advertiser demand. But that will evolve in much the same way mobile has  
211 evolved, and we want to ensure that Pandora is positioned to benefit from the continued  
212 proliferation of these devices.

213

214 Speaking of monetization gains, one of our highest priority initiatives is enabling programmatic  
215 sales, and as Roger noted, we continue to make steady progress on that front. We are excited about  
216 the potential of our programmatic efforts to enhance sell through and optimize pricing by tapping  
217 into new demand, [without having to rely on low priced performance based ad channels as the  
218 company did in early 2017]. We believe the combination of programmatic and other ad-tech  
219 initiatives will drive continued monetization improvements over time.

220

## 221 **Active Users, Hours, and Engagement**

222 Moving to the audience part of the equation, total monthly active users were 74.7 million in Q4,  
223 down 6% year-over-year. A few things worth pointing out about these metrics:

224

- 225 ● First, we were more conservative with our marketing spend in the back half of 2017 as we  
226 felt it was prudent to allow time to further refine Premium Access functionality, leverage  
227 in-process martech investments, and build out our marketing ROI framework. While  
228 financially disciplined, that approach meant a 46% year-over-year reduction in Q4 paid  
229 marketing spend which had an impact on active users.
- 230 ● And, as I've said before, stabilizing and then growing our audience is of the utmost  
231 importance, and we have a number of initiatives underway or launching soon that are  
232 designed to both further engage our existing users and re-engage lapsed listeners. Premium



233 Access is one of the first of these initiatives and early results are encouraging. Although it  
234 won't happen overnight, we are bullish about the potential for Premium Access as well as  
235 other initiatives on our roadmap, like Non-Music Content, to drive incremental engagement  
236 and more listeners.

237

### 238 **Content Costs**

239 Total content costs represented approximately 55% of revenue in the fourth quarter. While Q4 Ad  
240 LPM was slightly lower versus Q3 at \$36.77, we had anticipated a larger sequential decline. Some  
241 of the minimum guarantees we incurred in Q3 were avoided, but these benefits were unfortunately,  
242 and unexpectedly, largely offset by minimum guarantee payments to other content owners, whose  
243 music was not played as frequently as forecasted. We expect ad LPMs to continue to fluctuate a  
244 bit due to the impact of MGs and ongoing changes to our arrangements with content owners.

245

246 On the subscriber side, Q4 licensing cost per subscriber (or LPU), was \$4.41, up from \$3.12 last  
247 year. These increases are largely driven by the mix shift from Pandora Plus to Premium.

248

### 249 **Gross Margin**

250 Non-GAAP gross margin was 38%, compared to 36% in the year-ago quarter. The increase in  
251 margin year-over-year was driven by higher ad RPM. We continue to expect gross margins to  
252 grow over time with improvements in ad monetization, and as we achieve scale benefits in the  
253 subscription side of the business.

254

### 255 **Q4 Operating Expenses and Adjusted EBITDA**

256 Turning to operating expenses, for the fourth quarter of 2017 non-GAAP operating expenses  
257 declined 6% year-over-year driven by decreases in marketing spend and reduced G&A and S&M  
258 headcount.



259

260 The combination of better than expected revenue and continued discipline on OpEx led to adjusted  
261 EBITDA for the fourth quarter of \$5.8 million.

262

263 We have and will continue to look for opportunities to improve operating leverage, while focusing  
264 investment in high-priority areas. This was the basis for the company-wide reorganization we  
265 announced in January. The reorg resulted in annualized savings of approximately \$45 million in  
266 adjusted EBITDA. The savings will be reinvested in growth initiatives. The key point here is that  
267 our focus on efficiency enables us to make material growth investments without creating  
268 incremental headwinds to profitability or cash flow.

269

#### 270 **EPS**

271 Fourth quarter 2017 GAAP net loss per share was \$0.21. This is based on approximately 250  
272 million weighted average common shares outstanding.

273

#### 274 **Balance Sheet and Cash Flow**

275 Cash and investments ended the fourth quarter slightly up at \$500.8 million, with \$7.9 million of  
276 cash provided by operating activities.

277

#### 278 **Guidance**

279 Now let's move to guidance.

280

281 As we've referenced there are a number of moving pieces in our business this year. The timing of  
282 ad-tech developments, label negotiations, new content launches, distribution partnerships,  
283 marketing changes, and ongoing cost-efficiency efforts have the potential to materially impact  
284 short-term results. Therefore we think it's prudent to avoid specific annual guidance until we have



285 additional data points. For now we will provide some high-level direction regarding our  
286 expectations for the year and then provide specific guidance for Q1.

287

- 288 ● We expect top line growth in 2018 to come from the subscription side of our business and  
289 we're taking actions to stabilize audience and improve monetization that will ultimately  
290 lead to growth in advertising revenue.
- 291 ● Because we are expecting strong subscription revenue growth, subscription commissions  
292 will grow. Other than this increase in commissions, operating expenses, will represent a  
293 lower percentage of revenue in full-year 2018 than in 2017.
- 294 ● Our ambition is to deliver additional efficiencies beyond the \$45 million of reinvested  
295 savings we previously identified. The additional efficiencies should come through tighter  
296 business processes, automation, expansion in lower-cost locations and management of  
297 content costs.
- 298 ● And, we anticipate meaningful improvement in operating cash flow in 2018 versus 2017.

299

300 With that context for the full year, I'd like to address Q1 more specifically. As noted, many of our  
301 growth initiatives are still in early stages and their impact will build over the course of 2018. This  
302 means that Q1 will incur a lot of the same ad revenue headwinds as the 2H of 2017. We expect  
303 Q1 total revenue in the range of \$295 to \$305 million, the midpoint of which reflects 5% growth  
304 versus the year ago period when adjusting for Ticketfly and ANZ. A couple things to note about  
305 our Q1 revenue guide:

306

- 307 ● We expect typical seasonality in 2018 which means Q1 is the weakest quarter for  
308 advertising revenue with significant pick-up from Q2 through Q4.
- 309 ● Our Q1 revenue guidance assumes continued subscription growth offset by a year-over-  
310 year decline in advertising revenue.



311

312 We expect adjusted EBITDA in Q1 of 2018 to be in the range of a loss of \$100 million to a loss  
313 of \$90 million, which you will notice, is lower than the year ago period. This is a function of  
314 minimum guarantees and, to a lesser extent, the year-over-year decline in ad revenue. However,  
315 we think Q1 is a relatively unique quarter and that there should be significant sequential and year-  
316 over-year improvement in adjusted EBITDA as we move into Q2. In fact, cumulative adjusted  
317 EBITDA for the Q2 through Q4 period will be meaningfully improved versus the comparable  
318 period in 2017.

319

320 Please note that Adjusted EBITDA differs from GAAP net loss in that it excludes forecasted stock  
321 based compensation expense of approximately \$29 million, depreciation and amortization expense  
322 of approximately \$14 million, restructuring costs of approximately \$9 million, other expense of  
323 approximately \$5 million and provision for income taxes of approximately \$300 thousand and  
324 assumes minimal cash taxes given our net loss position.

325

326 Basic shares outstanding for the first quarter of 2018 are expected to be approximately 255 million.

327

328 Before we open the call for questions, I want to underscore a point that Roger made in his remarks  
329 about our long-term outlook and the growing importance of audio. We are bullish about creating  
330 value in this business by combining our existing assets, namely the scale of our audience and  
331 strengths in ad-based monetization, personalization, and data with the execution plan we detailed  
332 last quarter. That plan includes a number of initiatives to reinvigorate audience metrics and restore  
333 growth in advertising revenue. I think it's a smart plan, and one which we will continue to optimize.  
334 As we highlighted in Q3, it's not an overnight plan, meaning there will be some bumpiness as we  
335 invest for the future. But that bumpiness does not change our conviction regarding the long term  
336 opportunity and the potential to deliver improved returns for our shareholders.



337

338 With that, I'll turn the call to the operator, who will open the line for your questions. Operator?