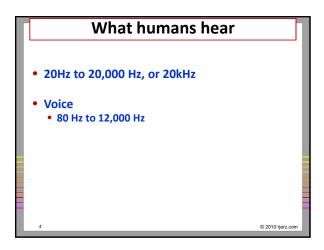
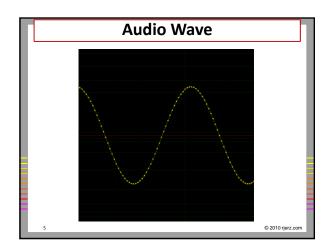
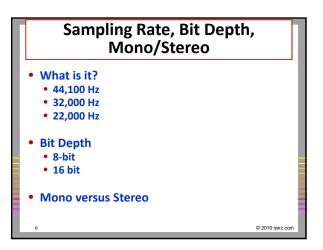




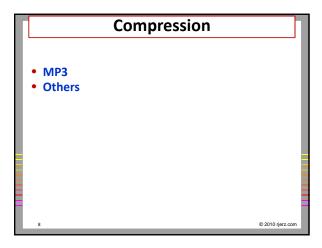
• Terms
• Frequency (human)
• Sampling rate
• 8-bit, 16-bit
• File formats (wav, mp3, midi, etc.)
• Compression (lossy versus lossless)
• Stereo/mono
• Noise reduction
• Quality



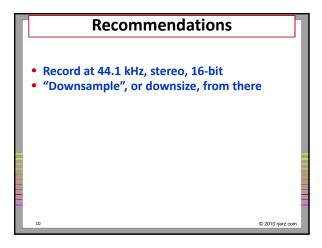




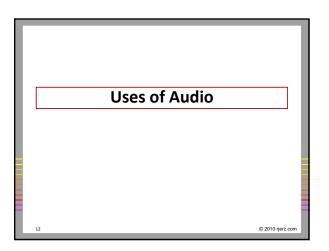
What's behind a music CD? 44,100 samples/sec x 60 seconds/min x 50 minutes/album x 2 bytes/sample x 2 channels (stereo) = 529 Mbytes on a CD Or approximately 60 minutes of music on a CD



File formats • .wav (PC) • .aiff (Mac) • .mp3 • .acc • .wma • .rma???







Uses of Audio

- Move file to Blackboard
- Email file to students
- Voice on PowerPoint
- Podcasts
- VoiceThread
- Move to mobile devices (iPod, cell phones)
- Voice to text
- Move to website, embed in webpage
- Videos

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