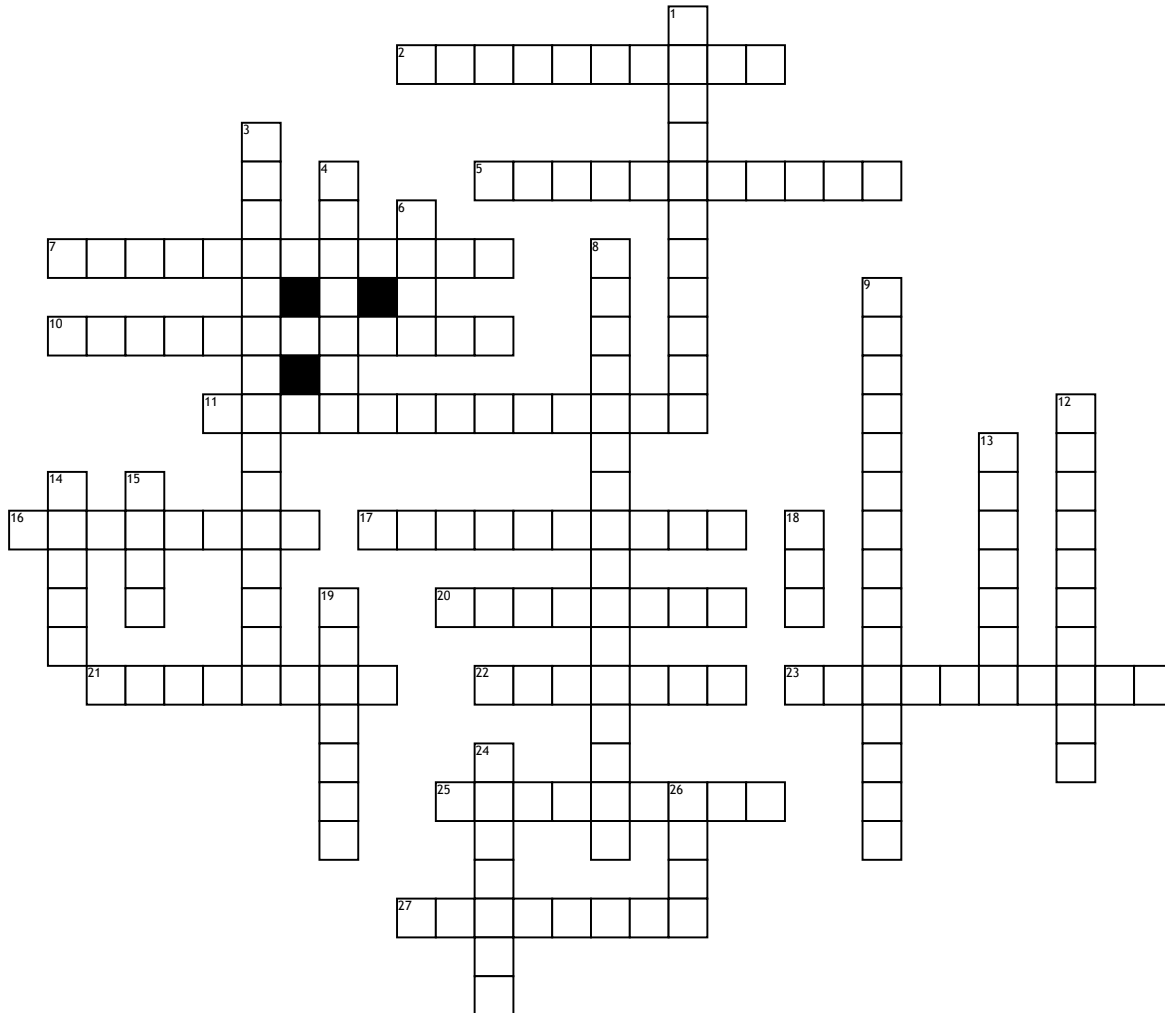


# Modern Recording Techniques



## Across

2. First device in a recording chain  
 5. term used to describe cleaning up older analog recording  
 7. represents the amplitude component of the digital sampling process  
 10. term used to denote an intentional change in relative amplitudes at different frequencies  
 11. decaying set of sounds often heard after the source stops  
 16. mic pic up pattern shaped like a heart  
 17. length can be altered without affecting its pitch  
 20. assigning various input strips on a console or mixer to the same output bus

21. an analog voltage signal at precise intervals in time  
 22. 1/10th of a Bell  
 23. a term that describes one waveform's lead or lag in time  
 25. name of the signal version of a song is approved  
 27. Overdriving an amplifier will cause a mild to severe waveform distortion effect known as

## Down

1. most overused tools during the mastering process  
 3. a mic that is a pressure operated device that is responsive in all directions  
 4. whenever an instrument's mic also picks up the sound of a nearby instrument  
 6. musical instrument digital interface

8. Amplifiers on the mix bus of a console  
 9. to maintain a direct time relationship is known as \_\_\_\_\_  
 12. amplifier \_\_\_\_\_ results when the input signal is too large for its DC output  
 13. time base errors  
 14. the original term for the tube used in early amplifiers  
 15. Envelope  
 18. Amplifiers used in console automation systems  
 19. Shure SM57 is a \_\_\_\_\_ microphone  
 24. phenomenon by which loud signals prevent the ear from hearing softer sounds  
 26. Moving picture experts group