

Name: _____

Microphones: The Basics

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1. What is the importance of a microphone?

2. Two important factors when capturing a sound from a microphone are:

3. The three main types of microphones are: _____
_____. The two that we are concerned with are: _____ and
_____.

4. What is an example of a dynamic microphone?

5. List a few advantages of dynamic microphones:
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6. What are some typical uses of dynamic microphones?

7. What are some disadvantages of dynamic microphones?

8. Briefly describe how condenser microphones work.

9. What are some advantages of condenser microphones?

10. List some typical uses of condenser microphones.

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11. What are some disadvantages of condenser microphones?

12. Define a **polar pattern**.

13. What are the three main types of polar patterns? _____

14. What is the hearing range of humans?

15. What is meant by frequency response?

16. What is a frequency response curve?