

# Application – Mics on Drums

## Overhead (Cymbals)

- Overall balance of all cymbals
- Small diaphragm condensers
  - 15-18" above cymbals
  - Watch 3-1 spacing rule
  - Alternate is stereo pair in X-Y configuration
- These mics will pick up bleed from other drums



**Microphones: AT4050 – Classic for major tours...**

**AE5100, ATM450 – Best**

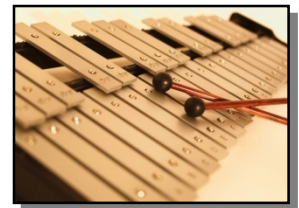
**AT4041, AT3031 – Better**

**Pro37R - Good (MB 4k)**



## Other Percussion (Latin congas, etc)

- Primarily looking for tone
  - Condenser mic 1-3 feet from instrument
  - When using multiple mics watch 3-1 spacing rule
  - ATM35 Clip-on mics on individual instruments.



**Microphones: AE5100 – Best (AT4053 – narrower pattern)**

**ATM450 – Better (ATM350 clip-on)**

**Pro35ax - Good (MB 4k)**

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## Good Drum Sound

- 4 Mic setup

	Best	Better	Good
• Kick	AE2500	ATM250	Pro25
• Snare	AE3000	ATM650	Pro63
• Overhead	AE5100(2)	ATM4501(2)	




The overhead mics will pick up cymbals and toms, snare mic can pick up hi-hat. Easy to balance, fewer mixer channels