

# Application – *Orchestral Instruments*

- **Orchestral Instruments *Bell Choir***

- Small diaphragm condensers
- Locate 1-2' above players
- Spaced pair.
- Remember 3-1 rule.

**AE5100, AT4051 – Best**  
**AT4041, AT3031 – Better**  
**Pro 37 – Good**

- **Orchestral Instruments *Strings***

- Small diaphragm condensers
- Locate 1-2' above players
- 1 mic per two players
- Use UniMix combiners to gain more mixer input channels.

**AE5100, AT4051 – Best**  
**ATM450, AT4041 – Better**  
**AT3031, Pro 37 – Good**

- **Orchestral Instruments *Violin (mounted)***

- Use Velcro mic mount for maximum isolation or on performer that moves around.
- Mount on strings below bridge.
- Gives a bright sound



**ATM350 – Best**

- **Orchestral Instruments – *Cello, Bass***

- Upright bass and cello have two “f” holes, one on either side of strings.
- Mic can be clipped to “f” hole
- Place mic 6” from “f” hole for good balance of instruments key tones
- Closer to “f” hole, more low frequency
- Place mic closer to bridge for extra treble

**ATM350 – Best (Clip-on)**  
**AE5100, ATM650 – Better**  
**Pro 35ax – Good**

- **Orchestral Instruments *Flute***

- Sound comes out of mouthpiece (breath) and tone holes
- Locate mic between mouthpiece and middle keys, 8-12” away from instrument.
- Further away results in more balanced tone

**AE5100, AT4051 – Best**  
**AT4041, AT3031 – Better**  
**Pro 37 – Good**