

# DIGITAL RECORDING IN REHEARSAL: CHEAP AND SIMPLE

## MID-WEST BAND AND ORCHESTRA CLINIC 2008

### ***Rationale***

Rehearsal recordings allow students to:

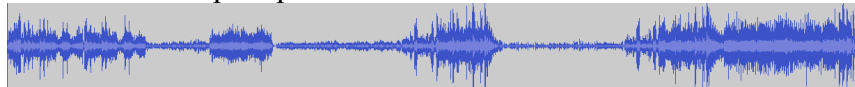
- put down their instruments and listen
- catch what they did not hear the first time
- evaluate their playing away from rehearsal

Rehearsal recordings allow directors to:

- provide immediate targeted aural feedback to their ensembles
- evaluate their rehearsals

Recording digitally allows for:

- efficient playback of recordings in rehearsal
- visual (waveform) feedback
- multiple options for distribution



(Stars and Stripes Forever Waveform)

### ***Approaches***

Computer-based recording

- USB Digital Microphone
- Snowball Microphone: <http://www.bluemic.com/>
- analog microphone with digital converter
- Edirol UA-25: <http://www.edirol.com/>
- M-Audio Fast Track Pro: <http://www.m-audio.com/>

Stand-alone digital recorder

- internal flash card
- upload files to computer via USB
- Edirol R-09: <http://www.edirol.com/>
- M-Audio Microtrack II: <http://www.m-audio.com/>
- Zoom H2: <http://www.zoom.co.jp>

### ***Free Software***

Audacity

- free, open source software
- Mac or PC
- <http://audacity.sourceforge.net/>

### ***Distribution***

Rehearsal playback

Email

CD

Website

- password protected?
- course system

File Sharing and Wiki Sites

- <http://www.4shared.com>
- <http://www.pbwiki.com>
- <http://www.wikispaces.com>

### ***How – to and tips***

Setting up microphone input

- operating system preference>sound preference> select mic/adaptor
- program (audacity) preferences> select microphone

Setting levels

- test loudest portion of piece

Exporting files (Wav or mp3)

- export file – merges tracks
- export selection - exports selected portion

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**NAME:**

**DATE:**

**INSTRUMENT:**

<b>SELECTION 1 TITLE:</b>		<b>COMPOSER:</b>					
	<b>NOTES</b>	<b>RHYTHMS</b>	<b>TEMPO</b>	<b>TONE</b>	<b>INTONATION</b>	<b>BALANCE</b>	<b>DYNAMICS</b>
<b>Rating (0-5)</b> 5=Awesome 0=Awful							
<b>Comments</b> (Justify your rating)							
<b>GOALS FOR IMPROVEMENT:</b>							
<b>SELECTION 2 TITLE:</b>		<b>COMPOSER:</b>					
	<b>NOTES</b>	<b>RHYTHMS</b>	<b>TEMPO</b>	<b>TONE</b>	<b>INTONATION</b>	<b>BALANCE</b>	<b>DYNAMICS</b>
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