



**THE WORLD AT  
YOUR  
FINGERTIPS**



**DISTANCE LEARNING  
TOOLS FOR PIANO  
INSTRUCTION**

**TECHNOLOGY IS RELEVANT TO TIME**



# MUSIC PUBLISHING

● GUTENBERG PRESS  
1455



# MODERN PIANO

MODERN GRAND PIANO  
CIRCA 1850



# SOUND RECORDING

● PHONOGRAPH 1877



# PORTABLE MUSIC

● **SONY WALKMAN**  
**1977**



# DIGITAL INFORMATION

- PERSONAL COMPUTER 1977
- MIDI 1983





# INTERNET



# INNOVATION INSPIRES CREATIVITY



# ESSENTIAL TECHNOLOGY

- Modern Macintosh or Windows computer
- Video conferencing software
- Video camera (“webcam”), microphone and speakers or headphones
- Broadband Internet connection

# VIDEO CONFERENCING SETUP



- [www.skype.com](http://www.skype.com)
- Cross-platform
- Supports remote-controls



iChat AV

[www.apple.com](http://www.apple.com)

- Included with Macintosh OS
- Supports up to four video participants
- Excellent echo cancellation

- DOWNLOAD AND INSTALL FREE VIDEO-CONFERENCING SOFTWARE

- CREATE YOUR “BUDDY LIST”

- CONNECT MIC, CAMERA, AND SPEAKERS, IF NECESSARY

# USEFUL ENHANCEMENTS

- MIDI-ENABLED  
KEYBOARD OR  
PIANO
- SOFTWARE FOR  
CONNECTING  
MIDI  
INSTRUMENTS  
OVER THE  
INTERNET
- EXTRA WEBCAM



Yamaha Disklavier  
[www.yamaha.com](http://www.yamaha.com)



Internet MIDI from  
TimeWarp Technologies, Inc.  
[www.timewarptech.com](http://www.timewarptech.com)



# TEACHING STRATEGIES FOR DISTANCE LEARNING

# APPLICATIONS FOR DISTANCE LEARNING

- CRITICAL AND ANALYTICAL LISTENING SKILLS OF STUDENTS AND TEACHER
- MODELING
- VISUAL CUES
- STUDENT AS EVALUATOR
- PROBLEM SOLVING AND DECISION-MAKING
- EVALUATION AND ASSESSMENT OF SOUND
- CONCENTRATION
- GOAL SETTING OPPORTUNITIES

# COMMUNICATION

- QUESTIONING TECHNIQUES
- LESSON PACING
- AURAL APPROACH
- PHYSICAL APPROACH
- MASTERCLASSES/GROUPS
- DIRECTED LISTENING



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