



MSBells computer  
G4 PowerMac running OS X 10.4  
auto login to MSBells network account (for ease of file transfer)  
chime is a sound file played by iCal by way of event alarms

### Display Case

audio out jack piped into CATV jack back to network closet

signal to speakers

power to speakers

Speaker termination block

speakers (throughout building)

### Network Closet

iCal alarms are automatically processed by the OS whether the iCal app is running or not (although the MSBells user must be logged in as the events are in the MSBells calendar).

Times were entered on Mondays and set with a custom repetition period of every M-T-Th-F. Wednesday times diverge and so were entered on their own with a weekly recurrence. Each event has an alarm action which triggers the sound. There are two different chimes, and for clarity the events for each are separated into different calendars.

The alarm is set to open an AppleScript applet that plays the actual sound file. Note that the sound files, compiled script, and the Play Sound.app must all be present in the right folder. In this example the correct path would be /chimes/

```
tell application "Finder"
    activate
    open document file "chimes1.aif" of folder
        "chimes" of startup disk
    using application file "Play
        Sound.app" of folder
        "chimes" of startup disk
end tell
```

The chimes1.aif (and chimes2.aif) could be replaced with different sounds. As long as the path and filename remain, the script should not need to be recompiled.

