

D1.3b System Start-up Guide

Electronic devices can output a power spike when those devices are turned on or off. The system start-up is processed in order to prevent power spikes from affecting other components. For this reason devices that send outputs to other devices are generally powered on before the receiving device.

Step 1. Set all power switches to “off” position.

Check the power switches on the following components and make sure they are set to off.

- Power Conditioner
- Cassette player
- Left Speaker
- Right Speaker
- Ensure laptop computer is powered down



Step 2. Set all volume knobs to lowest setting.

Check the volume settings on the following components and make sure they are set to the lowest settings (full counter-clockwise.)

- All MBOX knobs (Channel 1 & 2, Headphone volume, Speaker volume.)
- Left Speaker
- Right Speaker

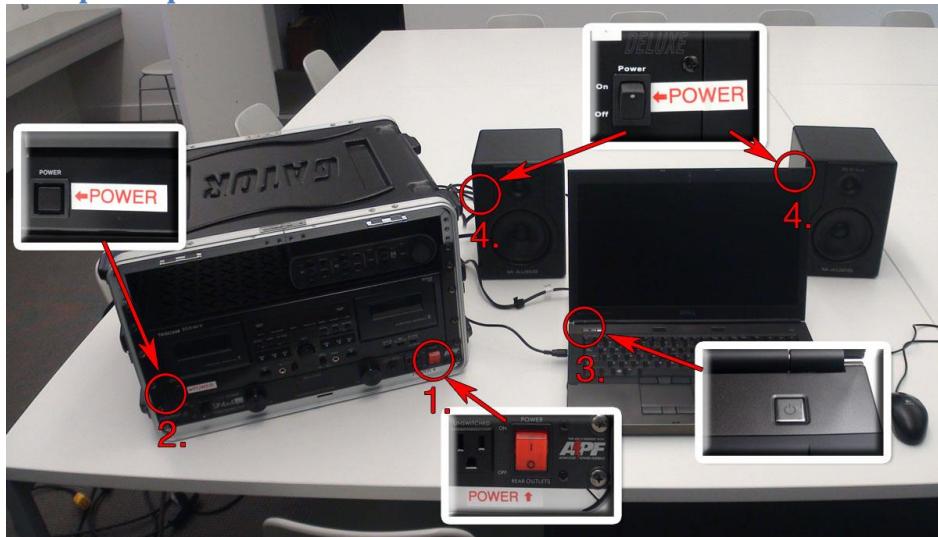


Step 3. Test the wall power level.

Flip and hold the “Meter Preview” switch on the front of the power conditioner. Wait for the voltage reading on the front meter to level out (5-10 seconds.) In North America power output can be considered “normal” between 114 and 126 volts. If the meter reads higher or lower than these values then do not turn the system on. Consult your building maintenance support to troubleshoot power level issue.



Step 4: Power up components in order



Turn on the components of the digitization system in the following order waiting for each to fully power up before continuing.

1. Power conditioner (wait 5-10 seconds after applying power.)
2. Tape deck (no wait time)
3. Power up laptop computer. WAIT until laptop has booted fully before proceeding. Note: laptop supplies power to MBOX digitization unit when laptop is on.
4. Left and right speakers (no wait time.)

Step 5: Set volume knobs to starting levels

- Set speaker volume to midpoint (White dot on knob pointing directly upward.)
- Set MBOX headphone volume to midpoint (Notch on knob pointing directly upward.)
- Set MBOX speaker volume to about a quarter of the max volume. (Notch on knob pointing directly leftward.)



Note: Leave both right and left channel (1 and 2) gains on the lowest setting.



The system is now ready for digitization.