

Connecting Cables for Computers, DVD Players, Slide Show Device, etc.

- A direct box is most commonly used with guitars because guitar cables are not shielded as well as microphone or speaker cables and running a guitar cable over a long distance tends to pick up interference (noise, radio stations!). So instead, you run a short guitar cable into the direct box (DI) and run a better shielded XLR mic cable out of the box, over the long distance to the mixer/amplifier.
- There are three connecting cables that go from external equipment to our theatre sound system via a direct box:



- An XLR cable runs from the output (right side, "out") to the MIC3 or MIC4 input on the sound rack. We usually keep the XLR cable with the DI.
- The inputs (left side, "in") are for male mono quarter inch phono plugs coming from the external device (guitar, computer, slide show device, DVD player, etc.)
 - A computer uses the adaptor cable that is one male stereo mini-phono to one male mono quarter inch phono . The mini-phono end plugs into the sound output of the computer.
 - When we run our slide shows, the Foxtex Multitracker tells the slide projectors when to move and it has a tape recorder for sound. Use the adaptor cable that goes from two male RCA plugs to one male mono quarter inch phono. The RCA plugs go into the outputs on the Foxtex that are labeled "Line L" and "Line R".
 - We also have an adaptor cable that has two male mono mini-phono plugs running to one mono male quarter inch phono in case we have a sound device that uses separate mono channels with mini-phono plugs.
 - These three cables are stored in the file cabinet