

Section Nine

Signal Flow

Signal flow is used to describe the path the signal follows. It starts at the source and ends at the speakers. Below the signal flow is as follows:

1. Source
2. Cable connects source to mixer
3. Mixer
4. Cable connects Mixer to Amplification
5. Amplification of the signal
6. Cable connects Amplifier to Speaker
7. Speaker



1. Source, a microphone



2. XLR Cable



3. The Mixer



4. XLR cable

5. Amplification



6. Heavy Duty 1/4" cable



7. Speaker (full range cabinet)



Signal flow can become quite complex. Once the signal gets inside the mixer it can be routed (send and return) a number of different ways. The system with a Front of House Mixer and a Monitor Mixer is the standard, which we work with as a stagehand, and is quite involved. It is beyond the scope of this book to describe these large audio systems.