

ADVANCED MIXING BOARD QUIZ

1. Set up 24-channel Mackie mixer with Mackie speakers as main speakers
2. Set up the onboard light
3. Set up the following:
 - a. Vocal mic 1 at the board
 - b. Vocal mic 2 on stage
 - c. iPod
 - d. Talk back mic
 - e. Video feed direct to camera
 - f. Video feed from 6 individual channels to field mixer
 - g. Aux Sends 1-4 to stage for monitors
4. Set proper trim levels for all channels in use
5. Send all signals to main speakers at an appropriate level
6. Use talkback mic and send to main mix and/or aux sends
 - a. What is the biggest danger with the talkback mic?
7. Send vocal mic 1 to sub-group 1, channels 4-8 to sub-group 2, channels 9-12 to sub-group 3, and the iPod to sub-group 4. Put all into the main mix.
 - a. Explain concept of sub-groups and discuss practical uses.
8. Discuss the onboard 3-band EQ including the variable mid-range parameters and our subtractive approach to “dialing in” a tone.
 - a. What factors will typically affect tone?
 - b. Make the vocal mic 1 sound like each of the 5 mid-range frequency areas we outlined which will be presented to you in random order.
9. Explain concept of aux sends and discuss practical uses
 - a. Demonstrate individual and master level controls
 - b. Demonstrate solo for aux sends
10. Discuss how to adjust Mackie speakers for use at large outdoor venues
11. Power down
12. Zero mixer
13. Disconnect light from mixing board
14. Undo all connections

QUESTIONS:

1. What are the biggest dangers with the mixer?
2. In what order do we turn gear on/off? What’s the magic phrase to help you remember?