Set up a temporary larger louder studio announce speaker

For times where loud studio playback is necessary, you can perform the following temporary modifications:

**Easy: Adjust volume of studio announce speaker**

1. You may need a ladder…or a tall friend. The KRK speaker is located on top of the equipment rack in the studio.

2. Check the input level on the KRK speaker. Maybe even take a picture so you can remember what level to set it back at. Turn bottom knob to desired volume.

3. Set back to original level when finished and check levels.

**Medium: Install portable PA**
1. You may need a ladder…or a tall friend.

2. Check the input level on the KRK speaker. Maybe even take a picture so you can remember what level to set it back at.
3. Unplug the XLR cable from the KRK.

4. Plug in XLR extension.
5. Set up speaker stand.

Speaker and speaker stand can be checked out from the proctor.

6. Mount speaker on stand. You should get a friend to help with this too.
7. Turn down all inputs before plugging in or turning on speaker.

8. Make sure power switch is off, then plug in AC power.

9. Plug in XLR extension that was originally going to the KRK speaker.
<table>
<thead>
<tr>
<th>Step</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.</td>
<td>Plug speaker power into AC outlet.</td>
</tr>
<tr>
<td>11.</td>
<td>Turn on speaker.</td>
</tr>
<tr>
<td>12.</td>
<td>Slowly turn up input 3's volume pot to a comfortable listening level.</td>
</tr>
<tr>
<td>13.</td>
<td>If there is no sound, turn down input 3's volume pot and go to the control room.</td>
</tr>
</tbody>
</table>
14. In the control room make sure the correct studio is routed to send the audio to the desired studio. In this picture, 4B is being selected. Then try slowly turning up the speaker again.

15. If you still can't hear anything. Make sure a source is playing.

16. If you still can't hear sound, make sure A, EXT 1 is selected above the studio knob and slowly turn up the studio knob. Then slowly turn up the speaker pot.

17. Return system to the way you found it and check levels.

**Advanced: Connect studio announce to AV system**

If you need it even louder, this should work for you.

1. Find a Mackie mixer.
2. Unplug the XLR cable from the KRK.

3. Plug in XLR extension.

4. Plug other end of XLR extension into a channel on the Mackie mixer. Channel 15 is the chosen one in the picture to the right.

   A Mackie mixer can be checked out from the proctor.
5. Plug RCA cables from the output of the Mackie mixer tape out...

6. …to the aux inputs on the Crestron rack.

7. Choose audio only from the main crestron menu and mute or turn down the audio.

8. Choose the composite input and slowly turn the volume up to the desired level on the Crestron control panel.

Great care should be taken to insure unity gain is set through out the signal path into the Crestron system.
9. Extreme caution should be used when the system is set up this way. Please contact staff for assistance.

10. Return system back to how you found it and check levels.