

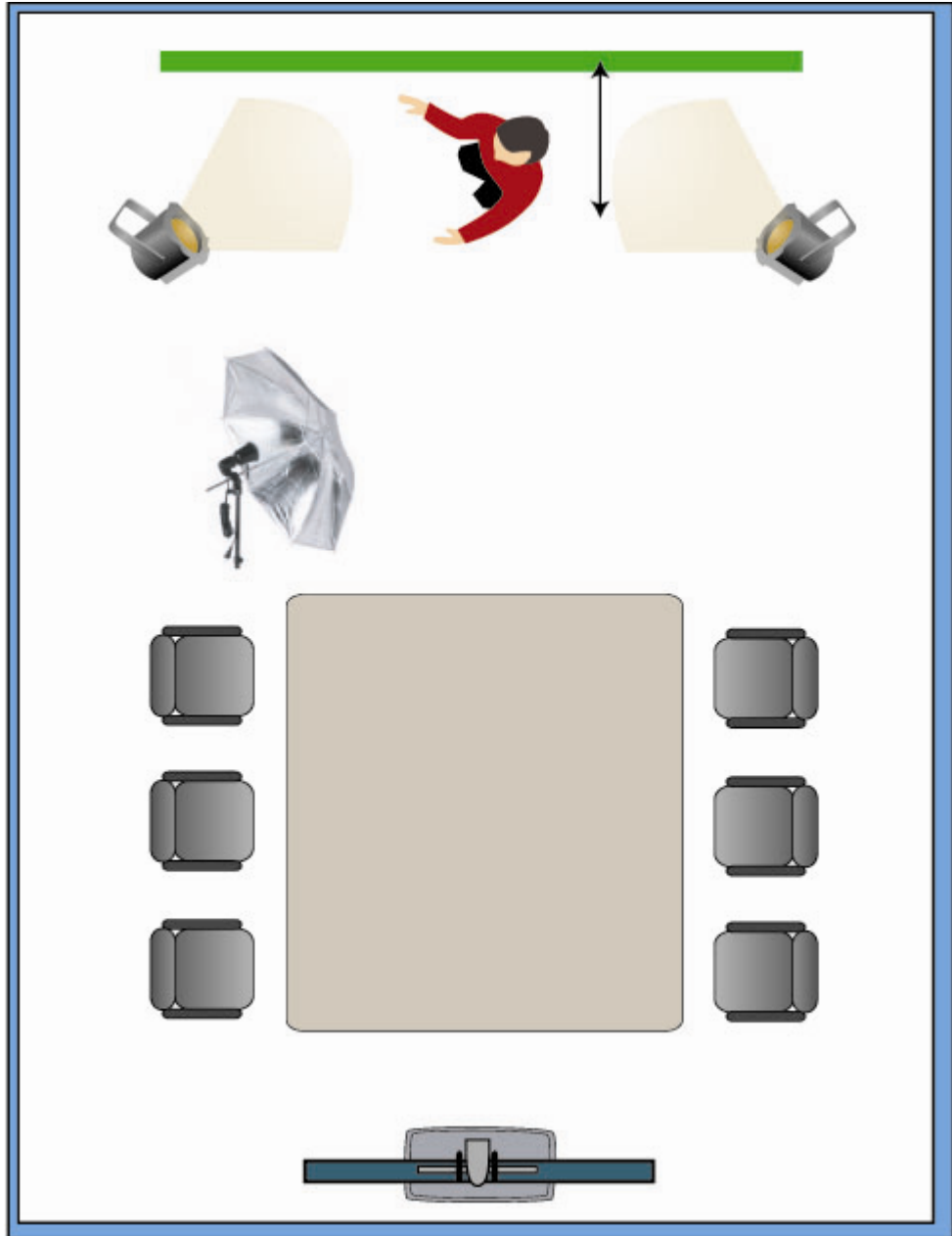
Polycom[®] HDX Series

People On Content Setup Guide

One of the most often asked questions is, “How do I eliminate the rough, jagged edges of my Chroma-keyed subject?” The popular cure-all is the proper lighting of your Chroma-key back-drop. A simple 100 watt light aimed in the general direction of the background is not sufficient, rather a series of lights that flood the background will create the desired effect

For an enhanced experience, a minimum of two 250 watt quartz halogens aimed at the backdrop from above and off to each side should be used. This will avoid casting shadows from the key subject.

The key subject should stand at least three feet out from the backdrop, off to one side of the camera and should be illuminated with his/her own key light (another 250 watt plus) that is preferably diffused with either an umbrella or a diffusion filter. Be aware that too much over-lighting the background could turn the perceived green back-drop into an almost white color, which will negatively impact the effect. Lighting distances and other factors such as ambient light will vary from one studio, conference room to another. So, experiment with various lights, diffusers and distance until the perfect combination is obtained.



If the camera does not recognize the background as a solid, evenly lit green, the Chroma-keying will have a difficult time determining where the background ends and the key subject begins, resulting in rough, jagged edges. Jagged edges are typically experienced when the backdrop color is somehow bleeding onto the subject. To resolve this issue, first move the subject away from the backdrop. Then make sure that the diffused lights illuminating the backdrop are not creating shadows out of the foreground subject. Additionally, note that shiny objects (silver, gold, etc) may cause the backdrop to “bleed” resulting in rough, jagged edges. It is recommended that shiny objects either be removed, or that the surface be made dull with a matting spray (i.e. Glare-Away) which should take out most of the shiny objects reflective qualities.

On occasion, the green background color will reflect back onto the key subject. This will cause background video to be keyed in onto the key subject, creating an undesirable effect. This reflected green can be eliminated by placing light colored amber gels over your background lights (the two lights that flood the backdrop).

Following these simple lighting recommendations and subject key placement will enhance the overall People on Content experience!