# Studio Setup Guide

We recommend the minimum room size of 8' x 10' for our 66" lightboards.

Studio Setup

It is best to position the lightboard next to the entry door. This allows the quick access to the Lightboard without having to walk around the rest of the equipment, ensuring that equipment will not be bumped or moved. For optimal field of view, the camera should be at least 5 feet from the Learning Glass lightboard. If using backdrop stands, they should be as close to the wall as possible for the maximum amount of space for the user and to eliminate a tripping hazard. The lightboard should have a minimum separation of 5 feet from the backdrop for standing room for the user and an extra 2 feet if using a standing backdrop system. To be able to walk around a lightboard, a room should be at least a 2-3 feet wider than the lightboard itself. The LGS66 is 5 feet wide so a minimum of 8 feet should be acceptable for use. All of our Learning Glass units have integrated professional studio lights included in the frame, so no additional lighting is required to get up and running. If desired, a backlight can be placed behind the presenter and backdrop pointed at the presenter. A backlight is used to give more depth to the user and help them stand out from the black backdrop if they have a darker hair color. This does not require any additional room in the studio.
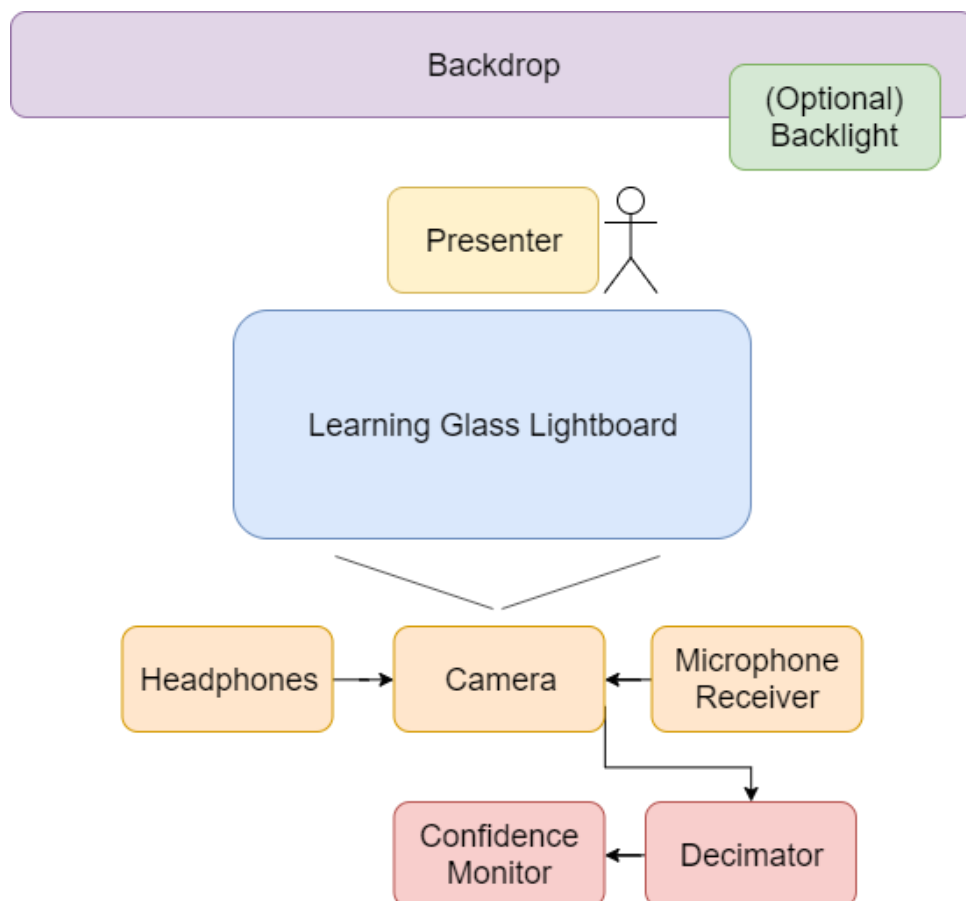
Eliminating Reflections

When using a lightboard, objects in front of the glass, located on the same side of the room as the camera will reflect and be visible on the camera's recording. To eliminate this, the room lights should be turned off when recording. The only lights that should be on during a recording are the Learning Glass lightboard integrated presenter lights and the back light. it is important to remove or cover light-colored equipment and furniture from the room. Black walls are an excellent way to eliminate reflections in a studio environment. If there are any windows in the room, they should also be covered with a blackout cloth or similar to ensure that no light is leaked on to the Learning Glass lightboard. Any lights from other equipment should not be directed at the glass to help reduce glare and reflections that the camera could pick up on video. Glossy monitors and other equipment might also reflect in a poorly darkened room, covering glossy surfaces with gaffers' tape is an easy fix.

When using a confidence monitor or teleprompter, it is recommended that you use a circular polarizing filter (CPL) that is included in our studio packages to reduce reflections. This should be attached to the camera's lens and then adjusted by rotating the front element. Proper use is achieved when pointing the CPL at the monitor and no light is visible through the lens. On the confidence monitor, adjust the brightness and contrast level settings lower until the reflections are no longer visible