

# GroundControl™ Followspot System

The PRG GroundControl™ Followspot System allows a followspot operator to remotely operate a high output automated luminaire as a followspot from up to 2,000' away. Designers now have total creative freedom to put followspots in places that were either previously unusable or involved complex rigging. With the GroundControl (GC) Followspot System, the operator is on the ground so the physical footprint of the luminaire is just 30 inches round and weighs only 172 lbs. Because of this small footprint and low weight, followspots can now be placed in a wide variety of positions.

- Balcony rails or on box booms in a theatre
- Yoked out over a video wall instead of hanging in front of the wall
- Hung on truss in low trim venues like convention centers & ballrooms
- Ground supported on a lift or a truss tower
- Hung in a theatre on a system pipe in a counterweight fly system
- Placed on the floor of a stage to follow overhead flying

All of these options can be accomplished with the GroundControl without the extra safety equipment, personnel access gear, and rigging typically associated with truss mounted followspots.

The GroundControl Followspot System consists of three parts, a Remote Spot Luminaire, a GC Truss Box, and a GC Followspot Controller.

The GC Spot Luminaire is a Bad Boy® Spot luminaire that has been modified and optimized for followspot work. It has a High Definition camera mounted on the fixture that outputs HD-SDI at 1080p enabling the spot operator on the ground to see the stage as if he or she was sitting right next to the fixture. The onboard camera has an optical zoom, targeting reticle, and a night vision mode that enables operators to pick up a performer on a virtually black stage. In addition to CMY color mixing, the GC Spot has been further optimized for followspot work by having two dedicated color correction wheels, a CTO, and a CTB wheel. Both correction wheels are loaded up with a wide variety of color correction options.

The CTO wheel is loaded up with:

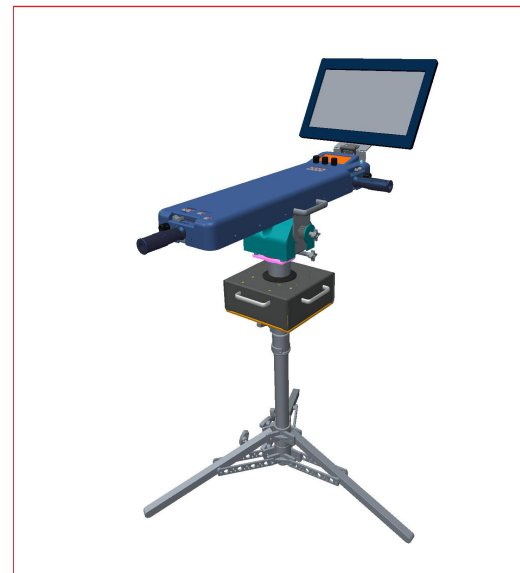
- Minus Green filter
- 1/8 CTO
- 1/4 CTO
- 1/2 CTO
- 3/4 CTO
- Full CTO

The CTB wheel is loaded with:

- Minus Green filter
- 1/8 CTB
- 1/4 CTB
- 1/2 CTB
- 3/4 CTB
- Full CTB

Having CMY color mixing along with the CTO and CTB wheels gives designers the ultimate in flexibility to dial in and tune the Remote Spot to their exact needs.

The second part of the GroundControl Systems consists of a GC Truss Box. DMX, camera control, and video are fed to and from the fixture directly to a small Truss Box where all data is converted and sent down a robust Mil-Spec Neutrik opticalCON QUAD fiber optic cable to the controller on the ground. The quad fiber enables the GC Followspot Controller on the ground to be placed up to 2,000' away from the fixture. It also reduces the likelihood of data corruption and or signal interference due to the proximity of other power and data cables typically found in entertainment venues.



## Features

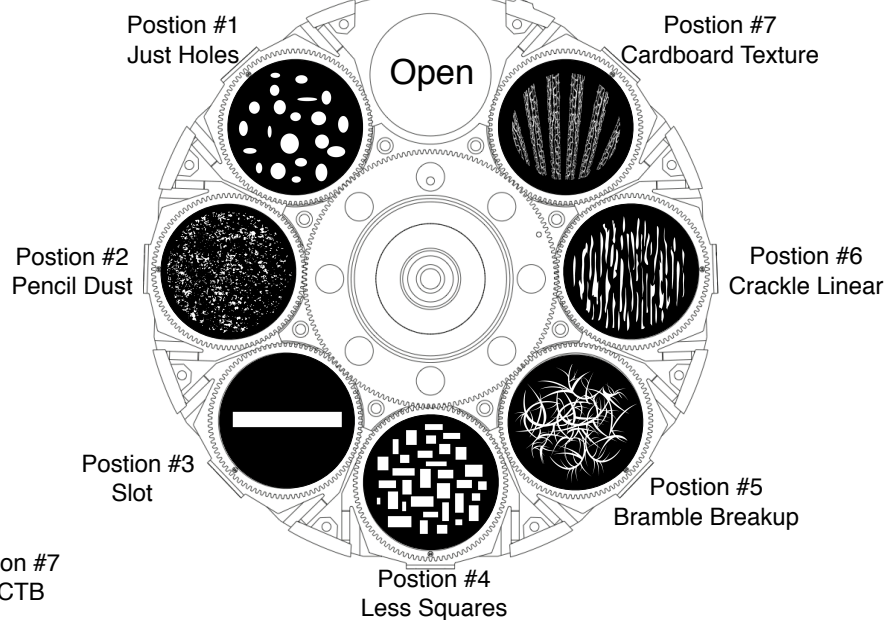
- Monitor & Hi Def camera for monitoring
- Local control for Intensity, Iris, Zoom, and Edge
- On-board touchscreen for easy addressing, configuring, and diagnostics
- Wide range of color correction + CMY color mixing
- Easy grip handles for manual control of Pan and Tilt

The final part of the GroundControl system consists of the GC Followspot Controller (FC). It is an intuitive control station that mimics the typical form factor and familiarity of a traditional followspot. This enables both experienced and novice users to step up and use the GC FC with minimal instruction and total confidence. The GC FC has a monitor on a moving yoke whose movements are sent to and mimicked by the GC Spot in the air. Any way the Controller is moved, the Remote Spot in the air will also move. There are also intuitive controls for Intensity, Iris, Zoom, Frost, and Edge as well as buttons that can be used for color and beam presets. The Followspot Controller also has an on-board touchscreen for easy addressing, configuring, and diagnostics. The whole GC controller sits on a robust adjustable tripod and has Neutrik powerCON in and through connectors for power, XLR 5pin In and Through, as well as a BNC connector that outputs HD-SDI video. The video out is a direct feed from the camera on the Remote Spot and gives designers the added flexibility to use the feed for a variety of things, like routing to an LD Followspot Preview Monitor, or to even use the feed for I-Mag use or to a broadcast feed since it's high definition.

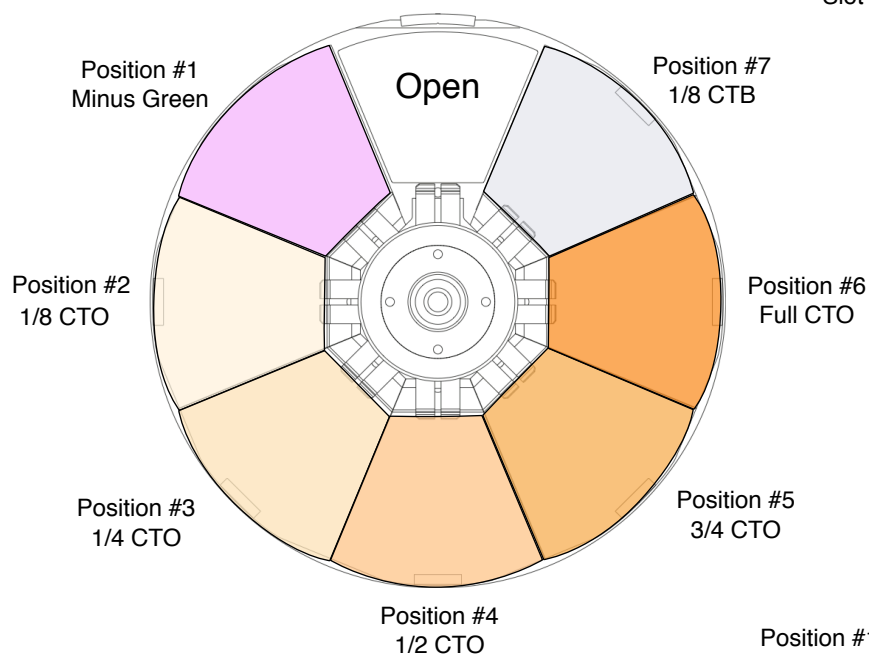
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## Color & Gobo Load

Gobo Wheel 1



CTO Wheel



CTB Wheel

