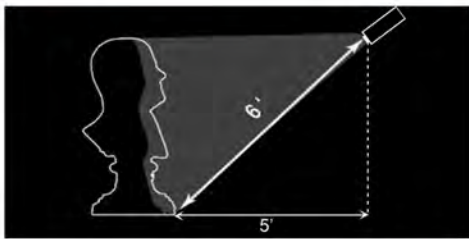
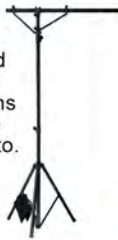


# THE GHOST BUST® TRIO SETUP INSTRUCTIONS



Sturdy tripod-based lighting stands are handy for installations without a ceiling to mount the projector to.



Tape string above lens



## POSITIONING

The positioning of the projector and busts is important for getting a good effect with the Ghost Bust Trio. In a nutshell, you're going to set the projector up 5' away from the busts. Taking the time to get it set up correctly pays huge dividends in making the trio appear magical.

To begin, set up three stands on which the busts will be displayed. Place them close together side by side, with a display height of 50.5" above the floor. *Note: Night Frights has convenient adjustable bust stands for quick setups and easy storage. See the accessories section at [nightfrights.com/ghost-bust-trio](http://nightfrights.com/ghost-bust-trio).*

If you'll be mounting the projector to a ceiling that's higher or lower than a standard 8' high, add or subtract the same additional inches to the height of the surface the busts will rest on. A portable DJ lighting stand is a good alternative to mount the projector to when an 8' ceiling isn't available. (Readily available on Amazon).

Place one of the busts on the center stand and make sure it's level left to right using the included bubble level.

Now let's find the proper location for the projector. The projector should be mounted to the ceiling at a distance of exactly 6 feet when measured diagonally from the projector lens to the base of the bust. Here's an easy way to find just the right spot to mount the projector without even wrestling with a tape measure:

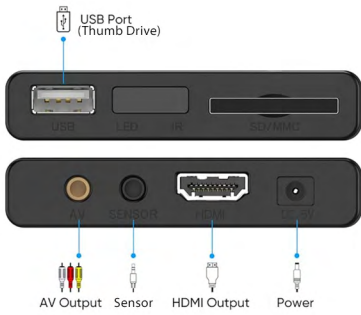
Turn the projector upside down and attach the included projector mount using the instructions that came with the mount. I'll wait.

Now grab the yellow string that came with your mount. One end has blue tape, the other end has a small black ink mark -- the distance between the ink mark and the far edge of the blue tape is the perfect distance. Use a piece of duct tape to tape the string to the projector just above the lens with the black ink mark aligned with the projector's front edge. (See photo at left).

Have someone hold the other end of the string so that the edge of the blue tape just touches the bust's nameplate, while you position the projector and its mount up against the ceiling. Point the projector directly at the bust and move it away until the string is fully extended. That's the spot to mount the projector!

Mark the location of the projector mount's holes in the ceiling and attach it securely according to the instructions that came with the mount. Refer to the bubble level frequently to make sure the projector is level from left to right.

Next, we'll connect the projector to the video player.



## VIDEO PLAYER CONNECTIONS

Take a moment to familiarize yourself with the jacks on the Neumi video player. Plug one end of the included 20' HDMI cable into the HDMI input on the projector, then connect the other end to the video player's HDMI output jack.

For the audio, plug the black end of the provided AV cable into the yellow AV jack on the Neumi and attach the cable's red and white RCA plugs to your sound system. Don't try to use the tiny speaker in the projector, always use a powered speaker. Once you've connected your powered speaker, silence the projector by using the volume down button on the projector's remote.

Insert the green thumb drive into the USB slot and connect the power cable. The blue LED should illuminate.

Set the other two busts on their stands and use the yellow string to guide you in setting the distance by touching the string's blue tape to the front corners of each bust. Pivot and slide the busts forward/back until the blue tape reaches each corner equally.

Use the included bubble level to check that the busts are level.

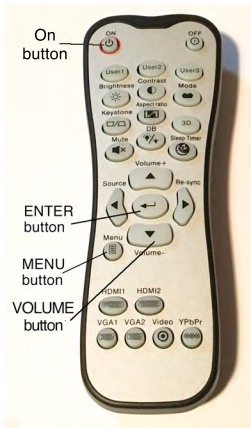
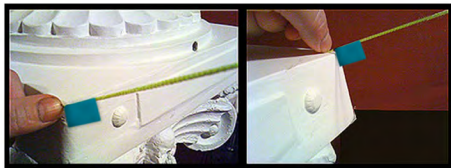
Let's turn on the projector! After the projector starts up, you'll see the trio characters projected, albeit upside down. You'll need to flip the projection to display right side up.

(For the next step, it'll be easier to see the projector options if you hold a piece of cardboard or whiteboard in front of the bust to project onto temporarily.)

Flip the image by pressing the MENU icon on the projector's remote, then use the DOWN ARROW KEY twice to select the gear icon. Press the ENTER button. Press the ENTER button again to select the Projection options. Press the UP ARROW KEY once and press ENTER until the projected text is right side up. Select YES to apply this orientation setting, then press MENU twice to finish.

## ALIGNMENT

Let's launch the setup markers that are on your thumb drive: Press the "Home" button on the Neumi's remote. Navigate to the "Photos" option and press OK. Hit OK two more times to display the "Setup.jpg" image. You'll see three green rectangles with red dots. Check that the zoom lever is set to project the smallest image possible and focus the projector. Adjust its aim so that the center green rectangle and red dots are aligned with the center bust's nameplate, making sure to keep the projector level.





Next, finesse the other two busts to align their green rectangle as well.

Once you're done aligning the rectangles, pull out the thumb drive momentarily, then reinsert it to display the video of the trio sleeping soundly. If the projection isn't perfectly aligned with the busts yet, don't worry, we're almost there.



Let's focus on the center character first. If the face isn't quite aligned with the bust, you can use the projector's Image Shift feature to help get it dialed in just right: On the projector's remote, press Menu --> Right Arrow --> Down Arrow several times to "Image Shift", then hit the Enter button. Then you can use the arrow keys to nudge the projected face into perfect alignment with the center bust's face.



Checking nostril position

Next, turn your attention to the other two characters. If necessary, slide the busts left or right, up or back, to get their faces aligned. The key to look for is to get the projected nostrils aligned just right within the nose area on the bust.

### TRIGGERING THE VIDEO

Once the Neumi is triggered by a switch mat, PIR sensor, or hand-held switch you've connected, (sold separately), the characters in the video will awaken and begin their performance!

If you're using a trigger not purchased from us, connect its leads to the screw terminals marked "L" and "R" on the small green and black terminal plug adapter included in the Neumi box, and insert into the video player's port labeled Sensor.

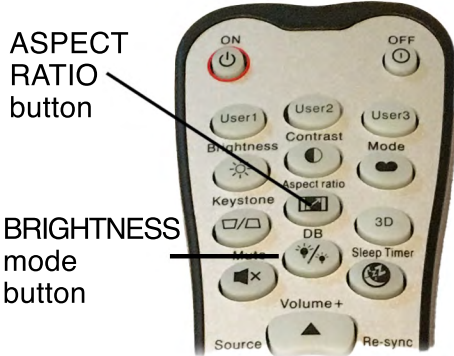
If you wish to use a PIR, you will need the one made specifically for the Neumi, which you can get from Night Frights or on Amazon.

Lastly, if you received a wig with your trio, peel one side of a piece of the included toupee tape and stick it to the bust. Then peel off the other side and attach the front edge of the wig to the bust. For a Beetlejuice look, high-for-head look, we like to place the wig's front edge at the point where the projection goes to shadow. Use a comb to tease the roots a bit if desired. Style to taste.

Then dim the lights, turn up your sound system and enjoy the show!



## TIPS AND TROUBLESHOOTING



### PROJECTOR SETTINGS

- Turn the Economy Mode on to double the lamp's life! Press the BRIGHTNESS MODE button and use the arrow keys to set the Brightness Mode to "ECO" (Economy Mode).

- To adjust to your room's brightness levels, you can choose a brighter or dimmer preset mode by pressing the MENU button and then ENTER three times until you get to the screen where you can audition the different video modes. Pick whichever looks best to you in your environment.

- If the Neumi video player is not displaying the busts, pull out and reinsert the thumb drive securely. Also try disconnecting power momentarily. If the home screen continues to show, press the Home button on the Neumi remote, then choose Settings, (gear icon) and make sure Auto Play is set to "Videos". Press OK to confirm. Then slide the thumb drive out and back in to bring back the character projection.

- If the Neumi isn't playing the video when triggered, make sure the trigger is plugged into the proper jack (labeled "Sensor"). Next, press the Home button, select Settings, scroll down to Sensor Settings and see that it's set to "Trigger Play". Press the OK button. Then slide the thumb drive out and back in to bring back the character projection.



- If at any point you want to stop the routine mid-sentence, the easiest method is to use this method of sliding the thumb drive in and out.

- Be sure not to subject your busts to high temps! Avoid storing them in hot attics or other hot spots where excessive heat can deform their shape!

- Need help? Drop us a line at [info@nightfrights.com](mailto:info@nightfrights.com). We'll be happy to assist you!

