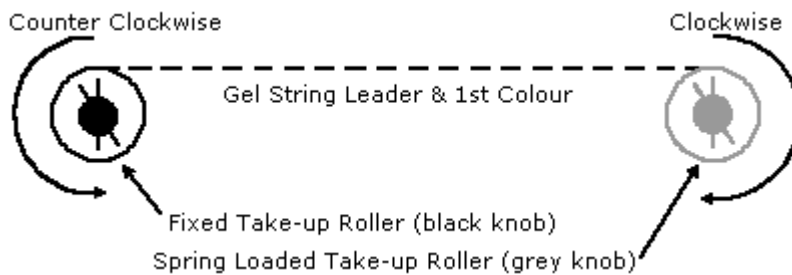




### e) Loading Gel Strings and Calibration

In order to load gel strings, each unit must be powered and control protocol must be at zero level, as indicated by Level LED.

The gel string should be positioned at the first colour frame and inserted as shown by the following diagram:



To apply tension to the gel string being loaded, the following procedure should be followed:

- 1) Hold fixed roller (roller with black knob).
- 2) Lift spring-loaded roller (roller with grey knob) until it rotates freely.
- 3) Rotate spring-loaded roller clockwise while lifted.
- 4) Replace spring-loaded roller securely on shaft base.
- 5) Repeat procedure as required, until excess slack is removed (2-3 turns of spring-loaded roller is usually sufficient).

**Note:** Always ensure that fixed roller does not rotate while completing this procedure.

To calibrate the individual gel string length for each Chroma-Q, proceed as follows:

First, load the gel string as described above.

Then, slowly increase control protocol level until the gel string reaches its tail, or until maximum control level is attained. At this stage, the gel length calibration screw (range pot) will be adjusted according to the following conditions:

If the gel string reaches tail before maximum level, rotate calibration screw counter-clockwise with a jeweller's screwdriver. Then slowly increase control protocol level. Continue these adjustments until the last colour frame is positioned properly at maximum control protocol level settings.

If maximum level is reached before the last gel string frame, repeat above procedure, but rotate the trim pot clockwise until the final frame is parked in the appropriate position.