



**Gel string manufacturing and fitting
for Chroma-Q Broadway & CQ1D**

Version 2.0 September 2003

Operation

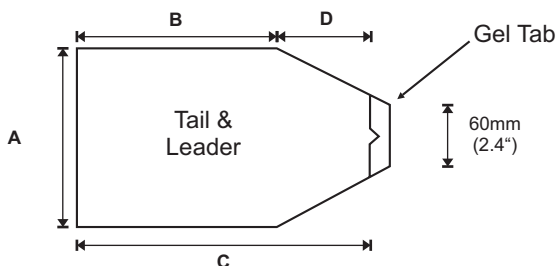
A summary of Chroma-Q's operations has been divided into the following sections:

- a) **Gel Description** - page 2
- b) **Gel Dimensions** - page 2
- c) **Gel String Assembly** - page 3
- d) **Loading Gel Strings** - page 3

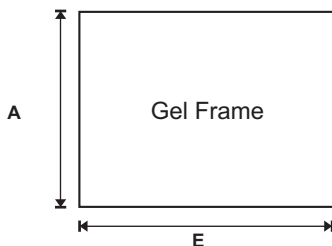
a) Gel Description

The standard gel string consists of a leader, gel frames and a tail. Pro Color HT+, Rosco Supergel and GAMcolor are the recommended brands. The leader and tail are taped to metal gel tabs which are then attached to the plastic hooks on the centre of the rollers (see diagram on page 3).

b) Gel Dimensions



Note: The tail and leader include the first / last frame.



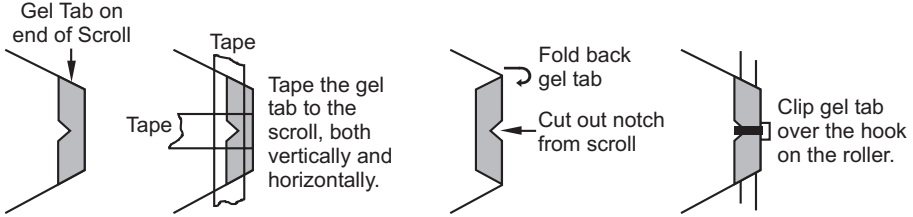
The gel frame dimensions are as follows:

	A	B	C	D	E
Broadway	131mm/5.25"	200mm/8"	300mm/12"	100mm/4"	156mm/6.25
CQ1D	178mm/7"	455mm/8.2"	570mm/22.8"	115mm/4.6"	255mm/10"

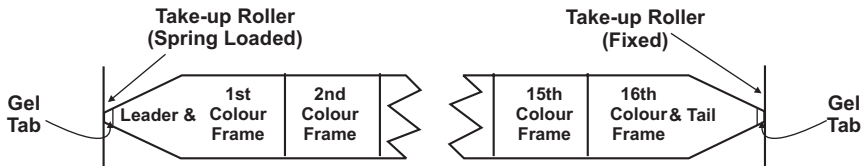
c) Gel String Assembly

To join a leader, frame, tail and tab together, a high temperature clear gel tape is recommended (see Product Ordering List on page 15 of the manual).

To join leader and tail to reels, metal gel tabs are required (see Product Ordering List on page 15 of the manual).



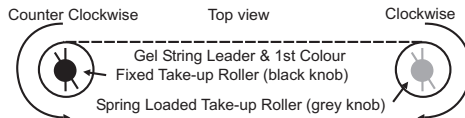
The completed string should look like this:



Note: A range of completed gel strings are available (see Product Ordering List on page 15 of the manual). Custom gel strings are available upon request. Contact your selling dealer for details. When ordering gel strings please ensure you state which type of Chroma-Q you require them for.

d) Loading Gel Strings

When the string is complete, starting with the tail frame, wind the string on to the fixed roller as shown below. On the Broadway press the catch on the top of the body and pull the body apart. The CQ1D black unsprung roller can be removed to assist loading by opening the lid and pulling it upwards. When the string is fitted on the roller replace it in the scroller. Pull the string until the tab reaches the other roller. On the Broadway rotate the spring roller 4 to 5 complete turns anticlockwise while holding the string to prevent it moving and then hook the tab on the string onto the roller hook. For the CQ1D hook the string onto the grey sprung roller hook. While holding the black roller to prevent it moving, lift the grey roller 10mm (½”) off its hub to unlock it, rotate it 1½ complete turns clockwise and then push down to lock it back in position on the hub. It may need to be rotated a little to locate the hub pins.



Note: Gel strings prepared for the Mark II Chroma-Q can be used in a Mark I unit. To do this remove the pre-fixed metal gel tab (but do not throw this away as it may be useful at a later date) and simply tape the gel to the Mark I plain take up reels.

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