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Continued from November 2008 CTI Newsletter

## Snow, Fog, and Flickering Candles on Stage

Some effects may be called for in the script of your holiday show this year, and if it's your job to figure how to do it, we're here to help you. Act Two of *The Nutcracker* utilizes snow on stage and audiences love it when realistic snow starts to fall. When Scrooge walks the stage in *A Christmas Carol*, a realistic flickering candle that is safe for actors and audience is needed. And many holiday shows need low lying ground fog to help set the scene.

### Making Snow on Stage

The old fashioned way to make snow fall on stage was with a snow bag. A canvas tarp with holes in it was hung on two line sets. The tarp was filled with paper or plastic snow flakes, and both line sets were flown out. When snow was needed two flymen would move their line sets up and down to release snow through the holes in the canvas. Many *Nutcrackers* are still operated this way today.

CTI, in conjunction with our colleagues at White Light Ltd. in London, have developed and a DMX Snow Machine that enables the effect to be operated remotely via DMX control, including variable speed. Just fill the DMX Snow Machine before the show with plastic snow, fly it out, and on cue from the light board, the drum of the machine will rotate and snow will fall. For a harder snowfall, increase the speed of rotation. When the snow scene is over, simply cue the DMX Snow Machine to zero, rotation will stop, and so will the snow fall.

The DMX Snow Machine is presently represented on Broadway in the hit musical, *Billy Elliot*.

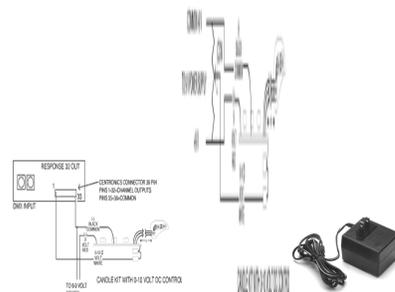
### PN 1600 DMX Snow Machine



### Electronic Flicker Candles on Stage

Any show that takes place in an era before electric lighting, and many modern shows, call for candles on stage. Real candles are a fire hazard and are banned on stage in many localities, but even when permitted they're dangerous, and can't be easily blacked out at the end of scenes. To solve those problems CTI makes the [Candle Lite Unlimited Electronic Flicker Candle](#), an extremely realistic flickering candle that is also dimmable. It comes in several forms: Candle Sticks--which look like real wax candles, and Candle Kits--which are just the candle flame tip with the wiring and circuit boards suitable for building into props. In addition, all candles are available either in an incandescent version for the highest realism, or in an LED version for the longest battery life if you are using battery power instead of plugging them in.

### PN 3450 thru 3481



Candle Kit      Candle Sticks      Power Supplies

### Making Low Lying Fog on Stage

CTI specializes in dry ice fog. If you need the thickest, lowest, densest fog available, dry ice is the only way to go. Our SS6000 Dry Ice Fogger is the standard for many of the largest Broadway shows, but our [Aquafof 3300](#) is a smaller portable dry ice fogger perfect for smaller local productions.

To make dry ice fog, fill our Aquafof 3300 with water and turn it on. It will heat in an hour or so. Open the lid and put in about 50-75 pounds of dry ice broken into golf ball size chunks. Close the lid, and when your cue comes, turn on the pump and fan switches. Billowing clouds of low lying dry ice fog will come out of the hose a few seconds later. Audiences love dry ice fog effects on stage and if your show calls for it, our Aquafof 3300 is a great solution for you.

### PN 3300 and 3303 Aquafof 3300

