



## AEA SMT-1 Stereo Coles Template Kit

1. The AEA SMT-1 includes the following parts as shown:

- 1 SMT bar
- 4 3/8-16 (EU) socket cap screws
- 1 TA-3 adapter from female 5/8-27(US) to male 3/8-16 (EU)
- 1 Posi-Lok adjustable angle adapter

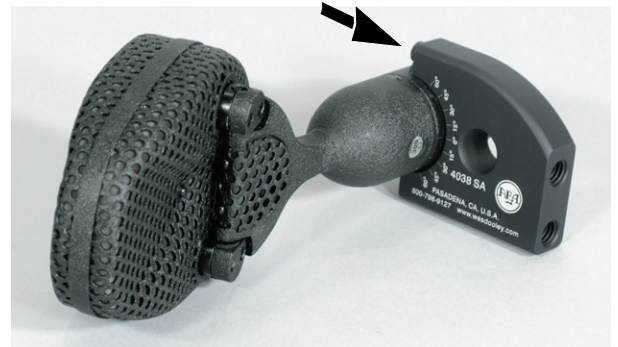


2. Coles Studio Ribbon microphones each come with the following parts as shown:

- 1 Coles 4038
- 1 4038 SA stand adapter with two 10-32 socket cap screws
- 1 4069 XLR jack
- 1 Coles velvet embroidered bag
- 1 4038 storage case



3. Attach the 4038 SA stand adapter that came with your Coles 4038 Studio Ribbon Microphone to the swivel ring on the body of the mic using the two socket cap screws included with the adapter.



4. Use the 3/8-16 socket cap screws that came with your SMT bar to attach the 4038SA by inserting them through the holes of the bar, as shown.

Once the microphones are securely mounted to the bar, insert the vibration damping foam into the central channel.



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5. The bar was designed to allow Coles 4038's to mount head-to-head, as shown right, or in a near coincident pair as shown below.

When mounting the 4038 microphones to the SMT bar "head-to-head," note that the 4038SA is asymmetrical. The adapter was designed to interface with the microphone and the bar in such a way that it would allow two Coles 4038's to meet in a coincident 90 degree rotated pattern required for proper stereo phase imaging. Because of the design of the 4038, however, it requires the mounting points to be offset in order to bring the ribbon elements into alignment. For this reason, use the outside pairs of holes on the end flanges to fasten the adapter, not the central pairs.

6. Once the microphones are securely fastened to the bar in an array, the assembly is ready to be connected to a stand.

It is recommended that the bar be suspended from a boom or flyline using the included Posi-Lok swiveling adapter as illustrated.

It is also possible to mount the array to a stand directly using the TA-3 to adapt to the threaded mounting points located in the center and on the ends of the bar. Mounting the SMT on top of a stand using the central mounting points with mics facing upward requires cutting the damping foam to provide access to the mounting point from underneath.

