# USER MANUAL

#### The kit



A quick & efficient system for positioning a single or double microphones (eq for XY, ORTF)





Hanging and steering a simple stereo pair of microphones or single microphone above a stage or instrument can be both time consuming and difficult to do in some venues.

This engineer-built quality-made system will improve the speed and accuracy in erecting and positioning microphones.

Used in hundreds of recordings and in live applications in a wide range of venues this device has become invaluable to my workflow.

## **Safety Ratings**

- Included Cord rated to 50kg each
- Included Carabiners rated to 50kg each
- SCST tested to 24kg at University of
- Canterbury Mechanical Engineering Dept

Workplace NZ have approved the safety tolerances of this device. The system has a safety weight tolerance at a minimum of 20 times the combined weight of CMSS and microphone/s.

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No knots required

# How To

microphones

Picks up more front of stage

1. Connect cord to the Compton Microphone Suspension System (CMSS) and lower the system from a lighting bar, handrail, or other point to a working height from the floor. Temporarily tie off using the String Tensioner (see left). 2. Lower microphone cable/s and second cord from another available point (to attach to the steering arm). 3. At floor level install microphone/s onto the CMSS and attach the second cord to the steering arm. Loosen the steering arm. Steer the CMSS in the required direction and tighten. 4. Connect the microphone cable/s. (A small piece of electrical tape over the cable around the vertical pole will help keep the cable secure.) 5. Pull up the support and steering cord with the microphone cable and tie the cord off at the desired heights using the String Tensioners. (Note: For situations that don't have grid or catwalk access from above see www.classaudio.kiwi.nz for an alternate setup technique. For visual aesthetics the excess cord can be threaded back again through the SCST and placed out of sight. )

picks up more or less mix of room acoustics

Picks up more back of stage than front

(Stage)

## FEATURES

- The String Tensioners make it simple to re-adjust heights without knots.
- The Steering Arm on the CMSS makes it possible to steer the microphone/s.
- The cord attached to the steering arm also prevents the system from swinging.



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## **Compton Microphone Suspension System & String Tensioner**

- A system to enable the positioning of microphones for recording and live audio:
- For small instrumental groups
- For larger orchestral groups
- For choirs or vocal groups
- For drama/theatre productions
- For recording acoustic functions
- For placing over instruments where there is limited room for a mic stand
- For hanging spot microphones

- Enabling the:
- Positioning of 1 or 2 microphones ٠ from above or on a mic stand
- Positioning while keeping the ٠ microphones on the same vertical angle