

SCM45A Pro – SCM25/50/100/150A User Manual Supplementary Sheet



I. Unpacking and Handling

- The SCM45A Pro is a very heavy item for its size and should be handled with care. Unpacking is best carried out on the floor, with adequate open space around the carton.
- Open the carton and remove all loose items.
- Remove the upper Stratocell foam cap.
- Remove the polythene bag, leaving the black, plastic baffle protector in place.
- With the help of a second person, carefully lift the loudspeaker out from the lower Stratocell foam cap using the handles and the port opening as lifting points.
- The speaker can now be positioned in the listening/control room.
- Remove the black plastic baffle protector.

2. Monitor Placement

- All ATC 3-way loudspeakers are designed with the mid-range dome as the reference acoustic axis.
- With this in mind, the loudspeakers should be positioned with the mid-range dome at, or slightly above ear level.
- Mounting on a console/desk meter bridge or similar hard reflective surface generally will result in compromised performance with a large boost in output between 100Hz & 400Hz and related attenuation between 500Hz & 800Hz.
- In most cases, stand-mounting behind the console/desk will give better results.
- To avoid strong excitation of room modes/resonances, try to avoid positioning the loudspeaker so that the bass drivers fall half, one third or two thirds of the distance between room boundaries. This rule applies to the height, width and depth of the room in question.

3. Flush mounting in-wall

- The SCM45A Pro can be mounted in-wall in the same manner as the larger loudspeakers in the ATC professional range. Please seek advice from a room acoustic expert. ATC can provide some assistance in this regard if necessary.