



K and K.2 Series Loudspeakers Technical Notes

K8.2, K10.2, K12.2, K8, K10, and K12 models

Painting the loudspeaker enclosure and grille

The QSC loudspeaker models listed above all have injection molded enclosures made of acrylonitrile butadiene styrene (ABS) and perforated steel grilles. These enclosures and grilles can be painted to match any decor using the procedure described below.

For best results, use proper painting technique and a paint system suitable for ABS. Seek advice and materials from a reputable paint supplier.

Procedure

1. Remove the grille from the enclosure.
2. On the enclosure, completely mask the loudspeaker's power amplifier module.
3. **K.2 Series models:** If you plan to paint the grille, remove the backing cloth.

Legacy K Series models: The grille on legacy K Series loudspeakers has no backing cloth to remove.

Thin the paint as needed so it will not block the perforations in the grille as it is applied. Apply paint to the front of the grille and allow it to dry. To reapply the backing cloth to a K.2 grille after the paint has dried, spray a thin tack adhesive to the back of the grille and carefully lay the cloth in place upon it.

4. On the front of the enclosure, completely mask the woofer, high-frequency horn, port, and LED, but be careful not to apply tape directly to the driver cone or surround.
5. Wash the enclosure with mild soap and hot water and rinse with hot water. Be careful not to allow any water or soap into the power module, woofer, horn, or port. Allow the enclosure to dry thoroughly.
6. Scuff-sand the enclosure surfaces to be painted using 320 to 400 grit sandpaper or a 3M Scotch-Brite™ 7447 abrasive hand pad, or its equivalent.
7. Use compressed air to clean all dust from the enclosure surfaces to be painted.
8. Clean the enclosure surfaces.
9. Use a clean, lint-free white cloth to apply a suitable prep solution.
10. Apply the adhesion promoter.
11. Apply the primer topcoat.
12. Apply the paint.
13. Allow the painted enclosure to dry for at least eight hours before handling.
14. Remove the masking and reinstall the loudspeaker grille.