
INSTALLATION

Unpacking

The Studio 12R box should contain:

1. The mixer itself
2. A packet of literature along with this manual
3. An AC power cable
4. An Alesis warranty card

Please send in your warranty card right away. Your warranty is not registered with Alesis until the card is returned. Please save your sales receipt as your ultimate proof of purchase and warranty date. By sending in your warranty card, you will receive the Alesis First Reflection magazine free of charge, and we will be able to notify you of special programs and offers from Alesis. Should repair ever become necessary, having the unit registered will make it faster and easier to obtain service.

Note that the warranty is valid only in the country of purchase; i.e., units purchased in the United States must be serviced in the United States.

AC power

READ ALL SAFETY WARNINGS IN THE PREVIOUS SECTION OF THIS MANUAL TO ENSURE SAFE OPERATION OF THIS UNIT. Connect the Studio 12R to the specified power using the AC cable supplied with the unit. The AC cable is removable. If the distance to your AC outlet is longer or shorter than the supplied cable, you may substitute an approved standard NEMA-to-CEE power cable of the correct length, available from most electronics stores.

Grounding



CONNECT THE STUDIO 12R TO A PROPERLY GROUNDED OUTLET ONLY. DO NOT USE ADAPTERS WHICH REMOVE THE SAFETY GROUND PROTECTION OR CUT OFF THE GROUNDING PRONG ON THE POWER CORD. Proper grounding is essential for user safety and low noise. If you experience 60-cycle hum in your sound system as a result of different ground potentials between different units in your system, plug all units into the same AC circuit (if the total power load allows) and make sure other devices in the system are properly grounded themselves. The Studio 12R features balanced inputs and outputs, so if it is properly connected to other balanced units, AC ground potentials will not affect the audio. If you cannot get rid of ground loops, consult a professional electrician familiar with sound system power designs.

Use clean power

The Studio 12R's internal power supply is designed to filter out most AC line noise. However, it is still good practice to plug your sound equipment into an AC circuit that is not shared with lighting dimmers, refrigerators, air conditioning units, or other appliances that may induce noise into the power system.

Power switch

The POWER switch is located on the back panel. A power indicator is on the front panel next to the meter. Avoid turning the power switch on or off while the Studio 12R is connected to a live amplifier.

Mounting

The Studio 12R may be rack mounted in a standard EIA 19" rack, occupying three standard 1.75" rack spaces. Any angle of orientation is acceptable. Note that (as with most audio equipment) if it is mounted into metal rack rails, the chassis ground of all units in the rack will be connected together by the rail. In some cases this is desirable, but if hum is a problem in the system, you may need to install non-conductive rack screws and washers on the Studio 12R or other equipment in the rack to isolate the chassis grounds from each other.

The mixer may also be used on a table top. To avoid scratching a tabletop surface, apply rubber or felt feet to the bottom of the Studio 12R.