

# Model K02004 Rack Mount Kit

## Installation Instructions

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### Introduction

The **SIGNAL RECOVERY** model K02004 rack mounting kit is designed to allow one model 7280 or similar instrument to be mounted in a standard 19" rack.

### Components Supplied

Before starting to fit the rack mount kit to the instrument, please check that you have the following parts:

- a) One main “U” shaped kit assembly
- b) One rectangular plate with cut-out to suit the instrument’s front panel
- c) Four M3 × 8 mm countersunk Posidriv screws

If any of these items are missing, contact your local **SIGNAL RECOVERY** office or agent before proceeding.

*Note: You will need to provide the four bolts necessary to mount the complete assembly into the rack since these are not supplied with the kit.*

### Procedure

- a) Turn off the instrument and disconnect any cables connected to it.
- b) Place a large, thick book, catalog, or similar (approx. 1"/25 mm thick and of US Letter/A4 size) on a flat surface to form a raised “platform”.
- c) Pick up the instrument, turn it upside down and rest it centrally on the raised platform, with the front panel facing towards you.
- d) Using a Posidriv screwdriver of suitable size, remove the screw and flat washer from each of the four rubber feet, and pull off the feet from their mounting posts.
- e) Take the main rack kit assembly and identify the four mounting bosses in its base, which are designed to accept the four mounting posts revealed by removing the feet in section d) above.

- f) Invert the assembly and, with the two flanges facing towards the instrument's front panel, carefully slide it down over the instrument so that the feet mounting posts fit into the mounting bosses on the assembly.
- g) Fix the assembly to the instrument's base using the four screws (although not the flat washers) removed in section d).
- h) Take the rectangular plate and place it so that it fits snugly around the instrument's front panel, with the wider horizontal section uppermost and the countersunk screw holes facing outwards. When it is correctly positioned the screw holes will line up with the tapped bushes in the two flanges.
- i) Fix the plate in position using the four M3 × 8 mm countersunk Posidriv screws supplied.
- f) Supporting both the instrument and the rack kit, carefully invert the complete assembly.
- g) It is suggested that the four rubber feet and flat washers removed in section d) be placed in a small plastic bag which can then be taped to the horizontal stiffening bar across the back of the assembly. This will ensure that the feet will be to hand if ever it is required to remove the instrument from the rack and return it to free-standing use.

This completes the installation of the kit. Your instrument is now ready to be mounted into a suitable rack.

**Caution: The complete assembly is quite heavy and so we recommend that it be supported at the rear.**

## Ventilation

The instrument uses forced air ventilation and as such provision must be made within the rack to allow sufficient air flow to prevent overheating. This is best achieved by allowing a clearance of at least 1" (25 mm) in all directions around the instrument and rack kit assembly when it is mounted in the rack.

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