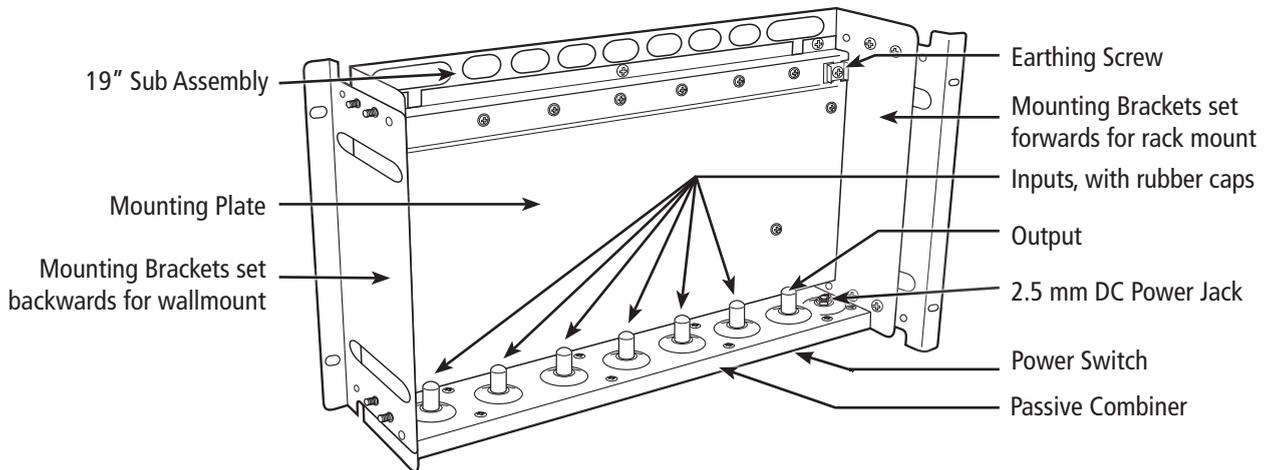


## INSTALLATION MANUAL

### MODEL KR001

### 19" Subrack/Wallmount including passive combiner

Thank you for selecting an Australian designed and manufactured subrack/wallmount.



The KR001 is a 19" inch sub rack or reversible wall mount designed to rack mount and combine Kingrays new professional range of commercial products.

#### INSTALLATION

1. Connect the mounting brackets to the 19" sub assembly with 8 x M5 x 6 mm tapped screws (to suit either a 19" rack or a wall mount situation). Note different holes for depth adaption.
2. Attach the mounting plate to the 19" sub assembly using the 6 x M5 x 10 mm screws, nuts and split washers supplied.
3. Screw the passive combiner to the bottom of the 19" sub assembly with the 4 x M3 tapped screws supplied, with the 2.5 mm DC power Jack on the right hand side when looking at the KR001 front on.
4. Fit 1 M5 screw and earth plate to the mounting plate.

#### CABLE CONNECTIONS

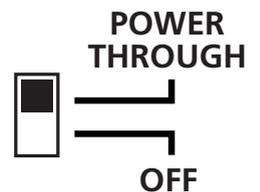
The input/output passive combiner connectors are all 'F' connectors. Oval holes have been cut at the top of the 19" sub assembly to allow cables to be passed through.

#### POWERING OPTIONS

The KR001's passive signal combiner not only combines, but passes power to the six inputs and one output 'F' connector ports. The power supply PSK18KR used to power the modules can be placed on the front of the mounting plate with the two allocated screws and plugged into the 2.5 mm DC Jack located next to the output. The power supply can also be placed on the back of the 19" sub assembly if an output amplifier module is required on the rack.

#### POWER SWITCH

There is a power switch located at the bottom of the passive combiner. This switch is used to switch voltage on if a rack mounted launch amplifier is to be used, or off if an external amplifier or combining racks is required.



#### IMPORTANT NOTE:

If any of the input ports are not used do not use 75Ω terminators. As the ports are self terminated and have voltage present, the supplied rubber caps are all that is required when a port is unused.

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