

## JRAK<sup>™</sup> 8



Order No. R800 1018

## JRAK<sup>™</sup> 4



Order No. R800 1016

# User Guide

## Rackmount for Radial Direct Boxes

Radial Engineering Ltd.  
1588 Kebet Way, Port Coquitlam BC V3C 5M5  
tel: 604-942-1001 • fax: 604-942-1010  
email: info@radialeng.com • web: www.radialeng.com

[www.radialeng.com](http://www.radialeng.com)

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# J•RAK 8

**Congratulations and thank you** for purchasing the Radial J•Rak 8. The J•Rak 8 is a 19" rack adapter that has been designed to work with products like the Radial JDI, Radial J48 and the many other Radial products that employ the same bookend designed enclosure.

Although the J•Rak 8 is a straightforward device, we invite you to take a few moments to read through this manual and familiarize yourself with this versatile product. Should you have any questions or comments, please feel free to contact us by sending an email to [info@radialeng.com](mailto:info@radialeng.com) or browse our web site at [www.radialeng.com](http://www.radialeng.com) for the latest updates and applications.

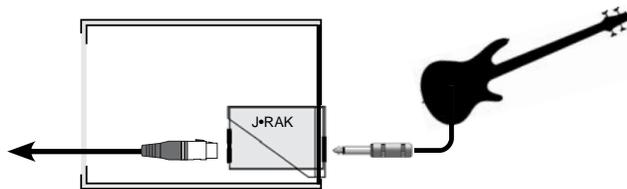
Enjoy!

## PRODUCT DESCRIPTION

The Radial J•Rak 8 requires two rack spaces (3 1/2") and allows up to eight Radial products to be rack-mounted in a standard 19" rack.

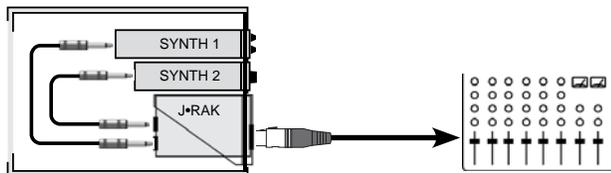
The J•Rak 8 is designed to allow touring companies to make better use of their DI box inventory by allowing stand-alone units to be converted to rackmounted DIs for applications like keyboards. A wide range of Radial interface and mic-splitter products are compatible with the J•Rak 8 making it possible to quickly create a custom rack.

A strong advantage for the J•Rak 8 is that you get to choose what connectors face front. Before you start loading up DIs take a minute to consider how you will connect to them. Depending on your situation you may prefer to have the inputs face front. This would be best for studio applications where instruments are often connected and disconnected during a session.



**GUITARS AND BASS** The 1/4" inputs face front allowing easy connection for instruments.

If you're using the J•Rak 8 in a concert touring situation then you may want the outputs to face front for quick connection to a microphone snake. The J•Rak 8 lets you choose the orientation for each slot so you may want to think about which arrangement is best for your setup.



**KEYBOARD RACKS** The XLR outputs face front for connection to mic snakes and mixing consoles.

As with all Radial products, the J•Rak 8 features heavy-duty construction and a baked enamel finish for years of trouble-free performance. The J•Rak is also supported by the Radial 3-year transferable warranty to protect against manufacturing defects.

## SETTING UP THE J•RAK 8

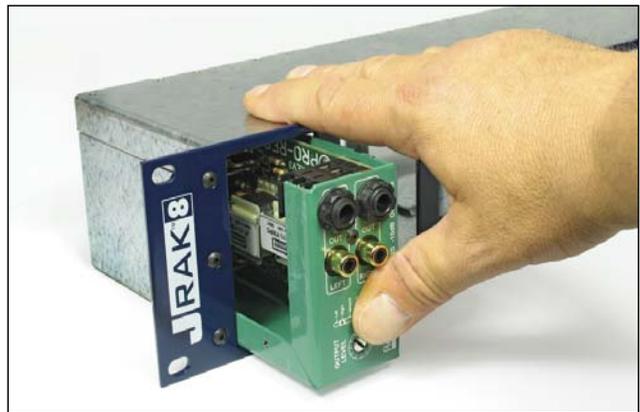
### Step One: Remove the Shell

To begin, remove the protective outer 'book-end' shell from the Radial product by unscrewing the four (4) hex #6/32 screws. A hex allen key is provided for these screws. Do not discard the screws or shells. Store them in a safe place in case you want to restore the product to its original configuration.



### Step Two: Load into Slot

With the outer shell removed, slide the enclosure into the front of the J•Rak 8 slot. Ensure the open side is facing up as pictured below.



### Step Three: Rear Screws

Once the enclosure is seated in the J•Rak 8 locate the two screw holes for the slot on the top near the rear edge. Sixteen Philips head screws are provided to secure enclosures in place. Insert two screws per slot. Repeat the procedure for the other slots. The J•Rak 8 is now ready to mount in your 19" rack.



# J•RAK 4

**Congratulations and thank you** for purchasing the Radial J•Rak 4. The J•Rak 4 is a 19" rack adapter that has been designed to work with products like the Radial JDI, Radial J48 and the many other Radial products that employ the same bookend designed enclosure.

Although the J•Rak 4 is a straightforward device, we invite you to take a few moments to read through this manual and familiarize yourself with this versatile product. Should you have any questions or comments, please feel free to contact us by sending an email to [info@radialeng.com](mailto:info@radialeng.com) or browse our web site at [www.radialeng.com](http://www.radialeng.com) for the latest updates and applications.

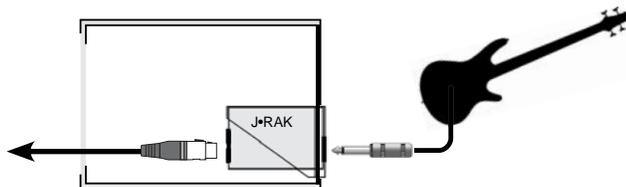
Enjoy!

## PRODUCT DESCRIPTION

The Radial J•Rak 4 requires one rack space (1.75") and allows up to four Radial products to be rack-mounted in a standard 19" rack.

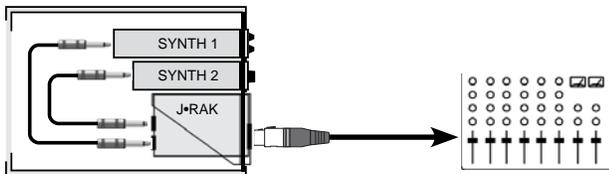
The J•Rak 4 is designed to allow touring companies to make better use of their DI box inventory by allowing stand-alone units to be converted to rackmounted DIs for applications like keyboards. A wide range of Radial interface and mic-splitter products are compatible with the J•Rak 4 making it possible to quickly create a custom rack.

A strong advantage for the J•Rak 4 is that you get to choose what connectors face front. Before you start loading up DIs take a minute to consider how you will connect to them. Depending on your situation you may prefer to have the input panel face front. This would be best for studio applications where instruments are often connected and disconnected during a session.



**GUITARS AND BASS** The 1/4" inputs face front allowing easy connection for instruments.

If you're using the J•Rak 4 in a concert touring situation then you may want the XLR outputs face front for quick connection to a microphone snake. The J•Rak lets you choose the orientation for each slot so you may want to think about which arrangement is best for your setup.



**KEYBOARD RACKS** The 1/4" inputs face toward the rear for connection to rackmounted modules.

As with all Radial products, the J•Rak 4 features heavy-duty construction and a baked enamel finish for years of trouble-free performance. The J•Rak 4 is supported by the Radial 3-year transferable warranty to protect against manufacturing defects.

## SETTING UP THE J•RAK 4

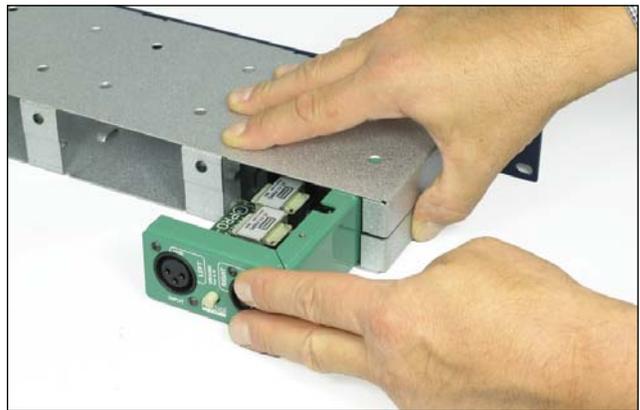
### Step One: Remove the Shell

To begin, remove the protective outer 'book-end' shell from the Radial product by unscrewing the four (4) hex #6/32 screws. A hex allen key is provided for these screws. Do not discard the screws or shells. Store them in a safe place in case you want to restore the product to its original configuration.



### Step Two: Load into Slot

With the outer shell removed, slide the enclosure into the rear of the J•Rak 4 slot.



### Step Three: Rear Screws

Once the enclosure is seated in the J•Rak 4 locate the two screw holes for the slot on the top. Eight Philips head screws are provided to secure enclosures in place. Insert two screws per slot. Repeat the procedure for the other slots. The J•Rak 4 is now ready to mount in your 19" rack.



### THREE YEAR TRANSFERABLE LIMITED WARRANTY

RADIAL ENGINEERING LTD. ("Radial") warrants this product to be free from defects in material and workmanship and will remedy any such defects free of charge according to the terms of this warranty. Radial will repair or replace (at its option) any defective component(s) of this product (excluding finish and wear and tear on components under normal use) for a period of three (3) years from the original date of purchase. In the event that a particular product is no longer available, Radial reserves the right to replace the product with a similar product of equal or greater value. In the unlikely event that a defect is uncovered, please call 604-942-1001 or email [service@radialeng.com](mailto:service@radialeng.com) to obtain an RA number (Return Authorization number) before the 3 year warranty period expires. The product must be returned prepaid in the original shipping container (or equivalent) to Radial or to an authorized Radial repair center and you must assume the risk of loss or damage. A copy of the original invoice showing date of purchase and the dealer name must accompany any request for work to be performed under this limited and transferable warranty. This warranty shall not apply if the product has been damaged due to abuse, misuse, misapplication, accident or as a result of service or modification by any other than an authorized Radial repair center.

THERE ARE NO EXPRESSED WARRANTIES OTHER THAN THOSE ON THE FACE HEREOF AND DESCRIBED ABOVE. NO WARRANTIES WHETHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL EXTEND BEYOND THE RESPECTIVE WARRANTY PERIOD DESCRIBED ABOVE OF THREE YEARS. RADIAL SHALL NOT BE RESPONSIBLE OR LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LOSS ARISING FROM THE USE OF THIS PRODUCT. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH MAY VARY DEPENDING ON WHERE YOU LIVE AND WHERE THE PRODUCT WAS PURCHASED.

#### Compatibility Chart For J-Rak 8, J-Rak 4

Direct Boxes	J•Rak 8	J•Rak 4
JDI - passive direct box	✓	✓
J48 - active direct box	✓	✓
JPC - stereo PC passive direct box	✓	✓
J33 - stereo RIAA Phono Preamp DI	✓	✓
ProD2 - stereo passive direct box	✓	✓
ProAV1* - multi-media direct box	✓	✓
ProAV2 - stereo multi-media direct box	✓	✓
JDX - amplifier direct box	✓	✓
Mic Splitters		
JS•2 - two-way microphone splitter	✓	✓
JS•3 - three-way microphone splitter	✓	✓
Interface		
Twin ISO - stereo line-level isolation	✓	✓
J-ISO - stereo +4dB to -10dB interface	✓	✓
ProISO - stereo +4dB to -10dB interface	✓	✓
J+4* - active -10dB to +4dB interface	✓	✓
X-AMP - active reamping interface	✓	✓
H-AMP* - speaker-level to headphones	✓	✓

\* These products have switch functions that may be covered when installed. Be sure to select the function before installing into a J•Rak.



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 email: [info@radialeng.com](mailto:info@radialeng.com) • web: [www.radialeng.com](http://www.radialeng.com)



Radial J-Rak™8 and J-Rak™4 User Guide - Part #R870-9645-00  
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