Radial Smart Sheet

Reamp Station[™] STUDIO REAMPER & DIRECT BOX

Order No. R800 1037 00



The Reamp Station combines two studio essentials in one complete package: an active direct box for capturing pristine recordings of any instrument, and the JCR high-performance Reamper to feed your tracks to guitar pedals and amplifiers for re-recording, to take your mixes to another level.

The active DI portion of the Reamp Station is based off of Radial's world-class J48, tweaked slightly to provide maximum benefit for recording tracks that can be Reamped later on. Among these changes is a buffer switch, which engages a unity-gain Class-A buffer circuit on the Thru output, preventing any loading down of passive pickups when connected to an amplifier and preserving the natural tone of your instrument.

The Reamper side of the device takes the circuit from the Reamp JCR, originally designed by acclaimed engineer John Cuniberti, and ports it into a multi-use studio tool. The JCR features a custom-wound 'Made in the USA' transformer to convert the line-level signals from an audio interface so they are optimized to feed guitar pedals and amplifiers, while also including a level control, 3-position filter, and a mute switch to protect your ears when adjusting mic placement on a live amp. In addition to the XLR and balanced 1/4" TRS inputs for the Reamper, a 3.5mm mini input is also included for easy connection to mobile devices such as smartphones and tablets to streamline playback and encourage additional creativity.

Features

- Combination Direct Box & Studio Reamper
- · Active DI for clean, detailed recordings
- JCR Reamp circuit with transformer isolation
- · Reamp level control, filter & mute switches

Applications

- · Record guitar and bass through the DI
- · Re-amplify signals through pedals and amps
- Explore new tones & recording techniques
- Use your pedal collection as outboard FX

Benefits

- A complete recording & Reamping solution
- · Make your mixes stand out
- · Daisy-chain multiple units to feed extra amps
- Explore endless combinations and FX

Can be rackmounted using the optional SA Series rack kit

BUFFER: Engages a unity gain buffer on the Thru output to avoid loading down passive pickups on your instrument.

PAD: -15dB pad reduces the input sensitivity for connection to high-output instruments like an active bass.

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MUTE: Cuts signal to the 1/4" Amp Out when Reamping. Does not affect the direct output.

 FILTER: 3-position switch applies a high-cut, low-cut, or flat frequency response to the 1/4" Amp Out and tailor the Reamped tone as needed.

3.5mm INPUT: Allows mobile devices to feed the Reamp Station to play though amplifiers or pedals. Automatically sums left and right channels to mono.

LEVEL: Controls the signal level to the 1/4" Amp Out for optimal gain-staging through amplifiers and effects pedals.

THRU: 1/4" output passes the instrument signal through to feed an amplifier for recording or monitoring.

INST: 1/4" unbalanced instrument input

48V LED: Indicates that the Reamp Station is receiving 48V phantom power to operate the direct box features. Not needed for operation of the Reamp circuit.

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to feed the DI side of the Reamp Station. **LINK IN / OUT:** Balanced 1/4" connections that allow the Reamp Station to daisy-chain to other Reamp devices to

feed multiple amplifiers simultaneously.

AMP OUT: 1/4" TS unbalanced output for feeding Reamped signals to amplifiers and effects pedals.

REAMP IN: 1/4" TRS balanced input for connecting line-level outputs from audio interfaces to the Reamp Station.

LIFT: Disconnects the ground pin at the Reamp inputs and the direct output to remove buzz and hum due to ground loops.

______180°: Reverses the polarity

phase of the signal.

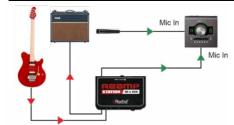
DIRECT OUT: Mic-level

XLR output to feed a copy
of your instrument signal
to a mic preamp or audio

interface for recording

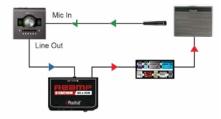
at the direct output to compensate for amps or effects that reverse the

REAMP IN: XLR balanced input for connecting line-level outputs from mixers or pro audio playback devices to the Reamp Station.



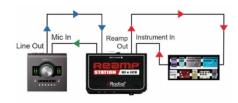
Reamping Pt 1: Recording Direct

Recording a clean, noise-free 'dry' track is an essential step in studio Reamping. The active DI in the Reamp Station captures your instrument signal without coloration or distortion, providing the perfect template for future tweaking. A Thru output feeds a guitar amp for monitoring or mic'd up recording.



Reamping Pt 2: Back Through the Amp

Once you have your original performance recorded, you can let the real fun begin. Feed your pre-recorded track back through your pedals and amps and experiment with new and exciting tonal combinations, taking your time to make adjustments and find the perfect balance without tiring out your guitar players fingers.



Record through Effects Pedals

With the Reamp Station, you can play any recorded track back through your effects pedals as if they were a piece of studio hardware. Send the Reamped signal out to your pedals as normal, but skip the amplifier and connect back into the Reamp Station's instrument input. The direct box output feeds a mic-level signal back to your interface to record the results.

