RADIAL 500 SERIES

EXTC[™]-500

GUITAR EFFECTS STUDIO INTERFACE

Order No. R700 0132

The EXTC is a 500 series interface that enables more creatively inclined engineers to introduce guitar pedals into the signal chain. The EXTC takes a balanced signal, unbalances it and reduces the level so that it can properly interface with hi-Z guitar pedals. Once the signal is processed, the EXTC reverses the process by taking the unbalanced signal and reconverts it back to a +4dB balanced line level signal for easy manipulation in the professional recording environment. This, for instance, lets you add wah to a kick drum, tube distortion to a vocal track or maybe an old-school tape echo to an acoustic guitar. As pedals can be noisy, the EXTC is transformer isolated to eliminate hum and buzz caused by ground loops. A 180° polarity reverse ensures the wet-dry mix is in phase.

FEATURES

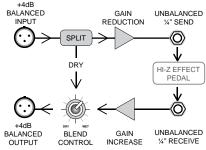
- 100% discrete class-A signal path
- Transformer isolated to eliminate noise
- · Separate send & receive level controls
- Front panel ¼" jacks for easy connection

APPLICATIONS

- · Lets you fatten up a track using pedals
- · Add guitar effects like overdrive to voice
- · Lets you use effects pedals in new ways
- · Creative tool to make your tracks stand out

COOL FACTORS

- Super easy to use The EXTC does it all!
- Isolated output to eliminate ground loops
- · Wet-dry mix to adjust the balance
- Can also be used for Reamping!





REAMPING[™] THROUGH PEDALS

Take a dry track, send it to the EXTC which in turn feeds your pedals. This is the perfect way to add some extra zest to a vocal track; an envelope follower to a kick; or some wah to that Hammond



FULL ENCLOSURE - 100% steel casing reduces magnetic interference from other nearby modules that may cause pollution.

BLEND CONTROL - Adjusts the wet-dry mix between the original unprocessed signal and the EXTC's effects loop.

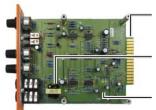
180º POLARITY - Lets you reverse the polarity of the wet signal path and bring it into phase with the dry signal when they are being mixed together.

OMNI INSERT - Turns the Omniport insert jack into a second send & receive path for additional processing.

SEND & RECEIVE - Use to adjust the send level to the pedals and return path level back into the EXTC to optimize the signal-to-noise ratio.

1/4" SEND & RECV - Separate send and receive 1/4 jacks used to connect guitar pedals to the EXTC. Front panel mounted to make connections easy for use on the desktop.

OMNIPORT™ - TRS jack is set up as an insert to connect to a remote patch bay or effect device. This follows the tip-send, ring-receive convention. Available when used with Radial Workhorse racks.



EXTC Reams

GOLD 15-PIN CARD EDGE - Double sided and gold plated edge connector ensures good conductivity and signal transfer.

TRANSFORMER ISOLATION - Helps eliminate hum and buzz caused by ground loops.

CLASS-A EFX LOOP - Radial's legendary FET amplifier delivers natural tone and optimal signal transfer for hi-impedance instruments and effects.



ADDING GROWL TO A VOCAL

Plug your mic into the PowerPre and send the signal into the EXTC. From there, add an effect like a Tonebone Classic Tube Distortion and use the blend control to mix in just the right amount of arowl.



RECORDING DIRECT

Plug your guitar or bass into the JDVPre and have it feed the EXTC where you can send the signal through your pedals. Then bring the signal back through the JDX to emulate a speaker cabinet.

