1. Power switch
2. Headphones output
3. Auxillary input for connecting external sources like players, smartphones etc.
4. Headphones volume
5. Impulse loader input level
6. 5-segment input indicator, for optimal result adjust input level to be in yellow/orange zone, not exceeding red segment.
7. Main screen
8. Output clipping/input signal presence indicator. When Clip indicator lights green, signal is present at input, when clipping occurs at output of impulse loader, indicator switches to red.
9. Menu button, press to enter menu.
10. Back button, press to return to previous menu level.
11. Control dial. Rotate to navigate or change parameter, press to select or set.
12. Attenuator level
13. Resonance switch
14. Load mode switch
15. Fan, do not block air flow for proper ventilation.

16. Through output for cabinet connection, when jack inserted, internal load and attenuator are disconected. Careful with amp level, when switching to this output.
17. Input for power amplifier output. Reactive load is suitable for impedance of 8 Ohm with nominal power of 100 Watt.
18. Attenuator output
19. Line input/load box output, jack tip is line input for external signal sources for IR loader, jack ring is load box output for connection to external FX devices. When mono jack is inserted connector works as line input, disconnecting IR loader from load box.
20. Ground Lift switch for D.I. OUT, useful for solving ground loops problems.
21. D.I. output allows recording raw signal from load or cabinet before impulse loader section. Output is balanced and can be powered from phantom power.
22. Ground Lift switch for LINE OUT
23. Balanced line output for recording signal after impulse loader section.
24. Switch for LINE OUT, serve for output level reduction to microphone level.
25. USB connector for remote control from PC/MAC and impulse response uploading to device.
26. MIDI In connector for preset switching from MIDI.
27. Power supply connector, use 9V DC power supply with any polarity.
28. S/PDIF Out.
29. Attenuator Out Impedance selector

SPECIFICATIONS

Reactive loadbox

- Input impedance : 8 Ohms
- Admissible power : 100W

Power

- Mains power adapter: DC Jack 2.5mm, any polarity
- Input voltage: 9V DC

ADC and DAC characteristics:

- Sampling frequency up to 192 kHz
- Resolution: 24 bits
- Noise level : -109 dB (A-weighted)

Connectors

- Speaker Input: 1/4" (6.35mm)Jack unbalanced (TS, Tip/Sleeve)
- Speaker Thru: 1/4" (6.35mm)Jack unbalanced (TS) – Directly connected to Speaker Input. Disconnects the loadbox when used.
- Insert: 1/4" (6.35mm)Jack unbalanced (TS, Tip/Sleeve) in insert mode or (TRS, Tip/Ring/Sleeve) in insert\out mode.
- D.I. Balanced Output: XLR.
- Main Balanced Output: XLR.
- Headphones: 1/8" (3.5mm) TRS Jack
- Aux In: 1/8" (3.5mm) TRS Jack
- S/PDIF output - RCA Connector - Sampling frequency 44.1 kHz. Resolution 24 bits.
- MIDI input - DIN5 Connector

DSP-engine characteristics:

- Measured latency 1.3 ms
- 32 bit floating point, 44.1 kHz
- Internal impulse format: 44.1kHz, 32 bits, maximum length 8448 samples
- 25 impulse slots/preset

Dimensions & weight

- Width x depth x height: 483 x 187 x 44 (mm)
- Weight: 3 kg (device only)

SAFETY INSTRUCTIONS

The st.Rock React:IR must never be used near a heat source, near a flame, in the rain, in damp areas, near any kinds of liquids. The unit is designed to be rackmounted into a 19" rack unit with 4 screws (not provided). Chassis surface can be hot! When transporting the unit, care needs to be taken to avoid any shocks that could cause damage that would require the assistance of a qualified technician. Never cover or restrict the ventilation openings. Never unplug or deactivate the heat control monitoring system, or you will be exposed to risk of electric shock and fire. Never try to repair the unit by yourself.
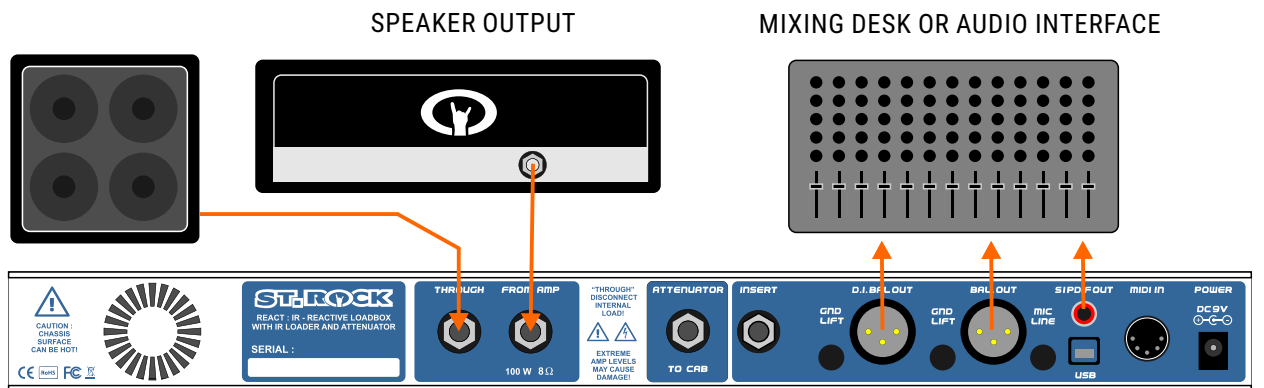
CONNECTING

1. React:IR as loadbox

SPEAKER OUTPUT 8 Ohms 100 W

MIXING DESK OR AUDIO INTERFACE
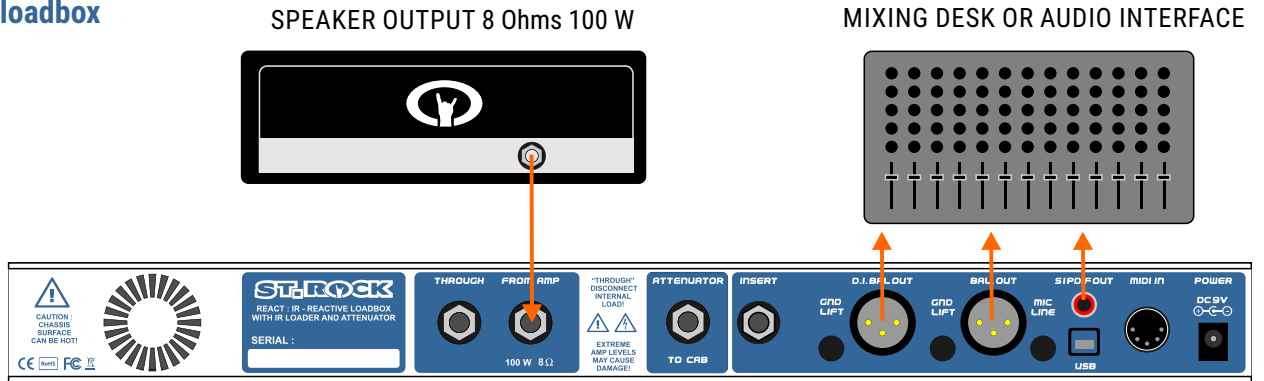
2. React:IR as IR player for amp loaded to cabinet

SPEAKER OUTPUT

MIXING DESK OR AUDIO INTERFACE

3. React:IR as loadbox + IR player. Cab connected to attenuator.

SPEAKER OUTPUT 8 Ohms 100 W

MIXING DESK OR AUDIO INTERFACE
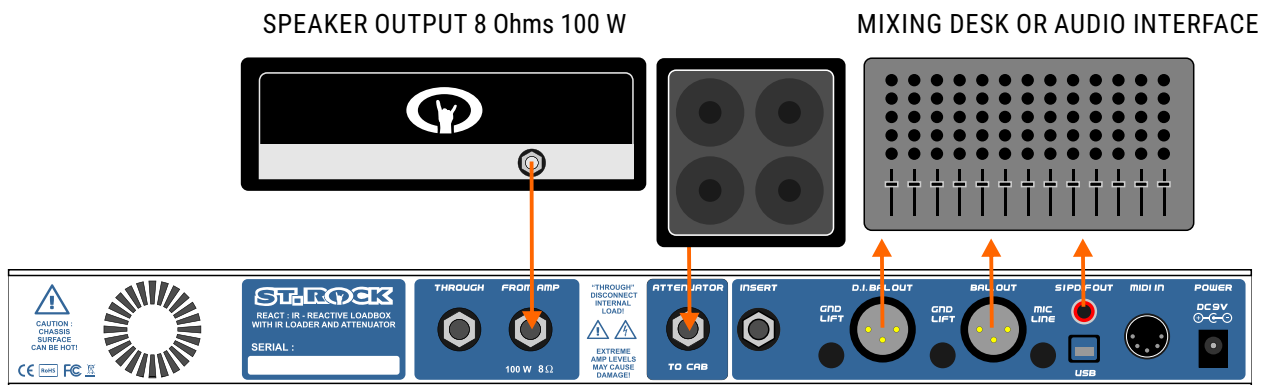
4. React:IR as IR player for external sources.

PREAMP OR FX PROCESSOR OR PEDAL

MIXING DESK OR AUDIO INTERFACE