




KLARKTEKNIK 2-Channel Active DI Box DN200 User Guide

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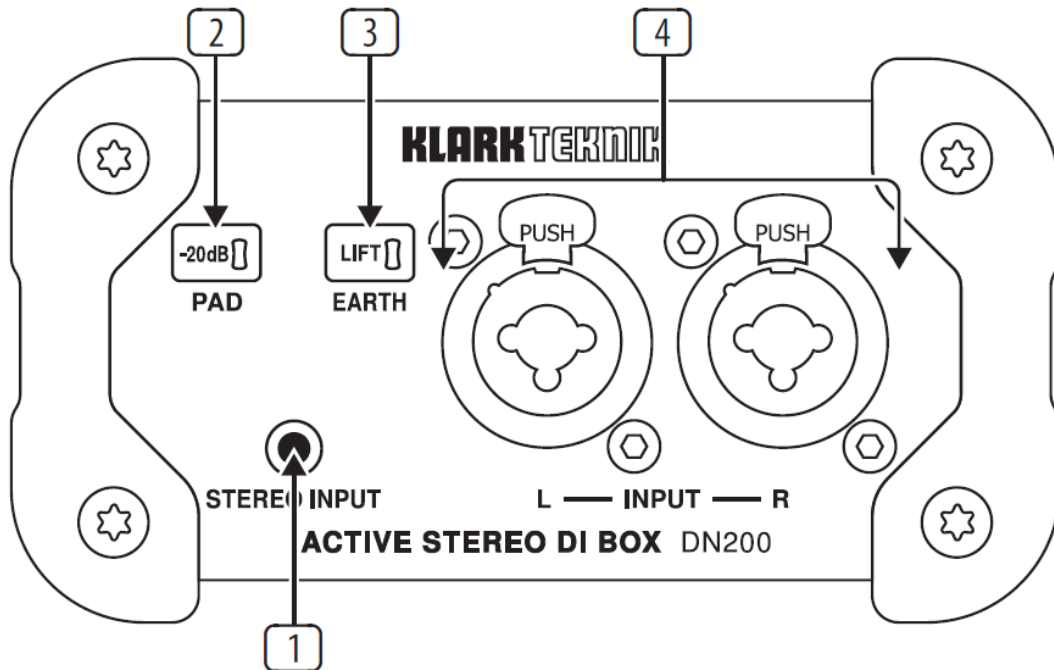
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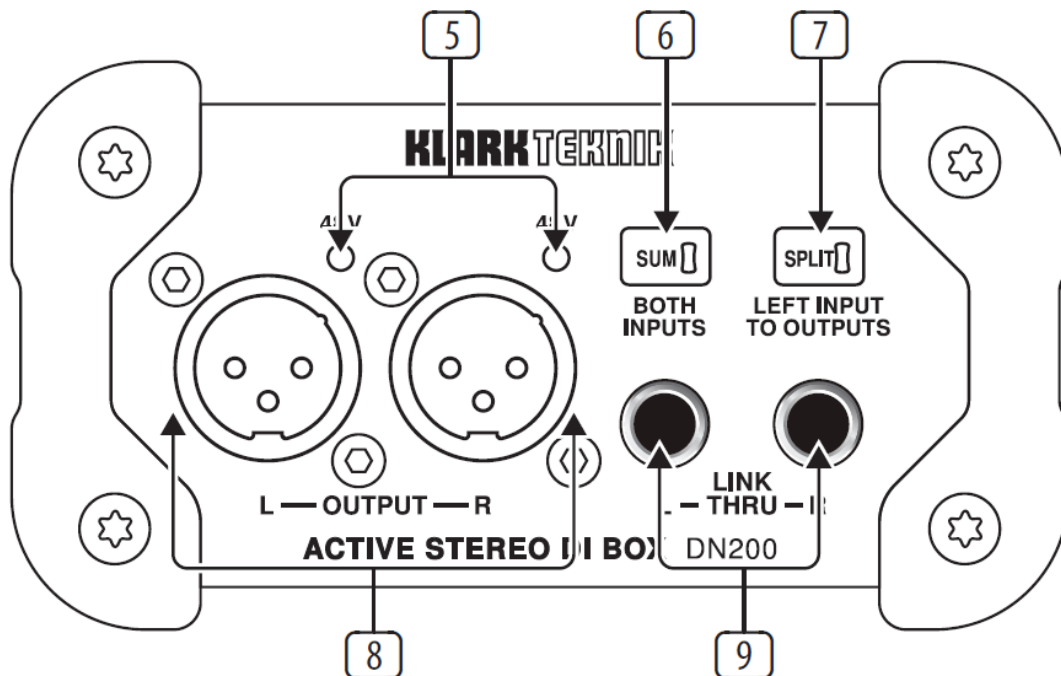
KLARKTEKNIK 2-Channel Active DI Box DN200



DN200

2-Channel Active DI Box with Extended Dynamic Range and Sum/Split Options





1. STEREO INPUT – Connect a line-level audio source via stereo 1/8" TRS cable. Ensure that the L/R INPUTS and LINK THRU jacks are disconnected when using the STEREO INPUT jack.
2. PAD – Press to reduce the input signal by 20 dB for use with hot signals.
3. EARTH – Press to separate the input and output grounds, potentially eliminating earth/ground loops between equipment on different mains supplies.
4. L/R INPUT – Connect either balanced or unbalanced XLR or 1/4" cables. Ensure that the 1/8" STEREO INPUT jack is disconnected when using these inputs.
5. 48 V LED – Lights when the unit receives sufficient phantom power. Note that the DN200 must be powered to operate correctly.

Important: Although the DN200 will function as a mono device when only one channel is connected, both channels should be powered to use stereo, split, or sum modes.

6. SUM – When engaged, the left and right inputs are summed and fed to the left and right outputs. Note that phantom power must be delivered to both output connections for dual-output operation.
7. SPLIT – When engaged, the left input is fed to the left and right outputs. Note that phantom power must be delivered to both output connections for dual-output operation.
8. L/R OUTPUT – Send the signals to a mixer or recording interface via balanced XLR cables. Note that the connected device must be able to provide +48 V phantom power to these connectors.
9. LINK THRU – Send the signals to an alternate source via balanced or unbalanced 1/4" cables. Ensure that the 1/8" STEREO INPUT jack is disconnected when using these outputs.

Specifications

Inputs

Connectors	2 x combo XLR, 2 x 1/4" TRS link jacks, 1/8" stereo TRS jack
Impedance	1 M Ω (combo & link jacks balanced), 20 k Ω (combo XLR only), 500 k Ω (1/8" stereo TRS jack unbalanced)
Max input level	28 dBu combo XLR and TRS link jacks (pad enabled), 21 dBu 1/8" TRS jack (pad enabled)
Attenuator	20 dB pad

Outputs

Connectors	2 x 3-pin XLR
Impedance	50 Ω
Max output level	13 dBu with 10 k Ω load, 10 dBu with 600 Ω load
Min load	600 Ω

System

Noise	-103 dBu, 22 Hz to 22 kHz unweighted, with input terminated by 10 k Ω resistor
Frequency response	20 Hz to 20 kHz, ± 1 dB, 10 k Ω load
Distortion (THD + N)	Typically <0.005% @ 1 kHz, +10 dBu
Crosstalk	<100 dB @ 1 kHz, inputs terminated

Power Requirement

Voltage +48 V phantom
Current consumption <10 mA per channel

Physical

Dimensions 118 x 63 x 142 mm (4.7 x 2.5 x 5.6")
Weight 0.65 kg (1.43 lbs)

Note: Operation Ambient Temperature up to 45oC

LEGAL DISCLAIMER

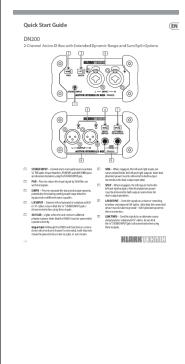
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LIMITED WARRANTY

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Documents / Resources

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