

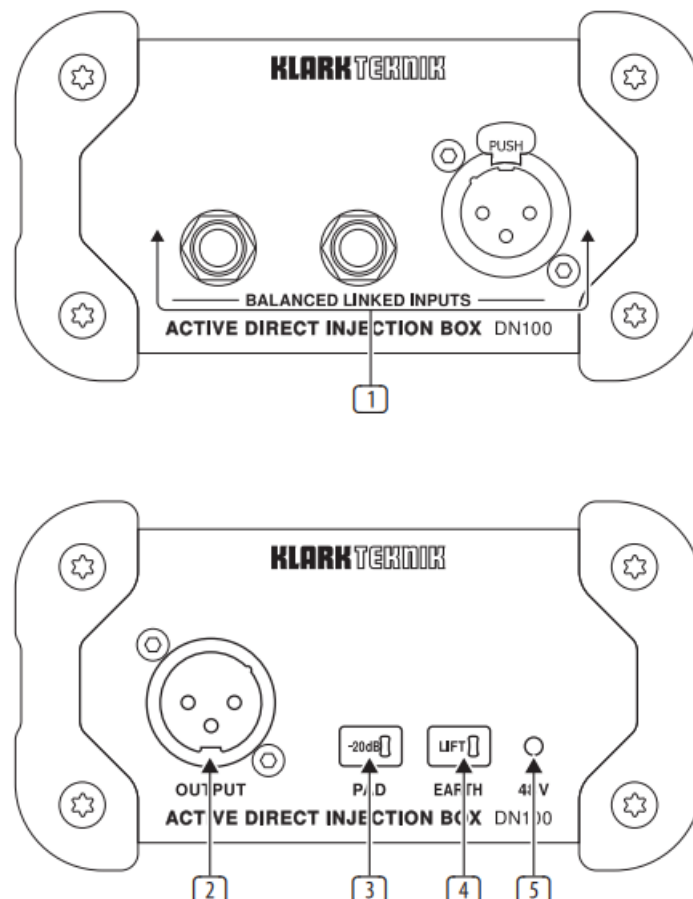


KLARK TEKNIK DN100 Active DI Box with Extended Dynamic Range User Guide

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Quick Start Guide DN100 Active DI Box with Extended Dynamic Range



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Controls

1. **BALANCED LINKED INPUTS** – Connect instruments or line-level equipment to either the ¼” TRS or XLR inputs.
The other ¼” connector can be used as a link-through to pass the signal to an amplifier. When only the XLR input is used, an impedance of 20 kΩ optimizes use with line-level sources, otherwise, a nominal impedance of 1 MΩ is ideal for instrument pickups.
2. **OUTPUT** – Send the signal to a mixer or recording interface via balanced XLR cable.
3. **PAD** – Press to reduce the input signal by 20 dB for use with hot signals.
4. **EARTH** – Press to separate the input and output grounds, potentially eliminating earth/ground loops between equipment on different mains supplies.
5. **48 V LED** – Lights when the unit receives sufficient phantom power. Note that the DN100 must be powered to operate correctly.

Specifications

Inputs	
Connectors	2 x 1/4" TRS and 3-pin XLR linked in parallel
Impedance	1 MΩ nominal, balanced or unbalanced, 20 kΩ (XLR on
Max input level	35 dBu (with pad enabled)
Attenuator	20 dB pad
Outputs	
Connector	3-pin XLR
Impedance	50 Ω
Max output level	15 dBu with 10 kΩ load
Min load	600 Ω
System	
Noise	-103 dBu, 22 Hz to 22 kHz unweighted, with input terminated by 10 kΩ resistor
Frequency response	20 Hz to 20 kHz, ±1 dB, 10 kΩ load
Distortion (THD + N)	Typically <0.005% @ 1 kHz, +10 dBu
Power Requirement	
Voltage	+48 V phantom
Current consumption	<10 mA
Physical	
Dimensions	118 x 63 x 112 mm (4.7 x 2.5 x 4.4")
Weight	0.44 kg (0.97 lbs)

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LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at musictribe.com/warranty.

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Klark Teknik
DN100

Responsible Party Name: Music Tribe Commercial NV Inc.

Address: **5270 Procyon Street,**
Las Vegas NV 89118,
United States
Phone Number: **+1 702 800 8290**

DN100

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Important information:

Changes or modifications to the equipment not expressly approved by Music Tribe can void the user's authority to use the equipment.



Hereby, Music Tribe declares that this product is in compliance with
Directive 2014/30/EU, Directive 2011/65/EU and Amendment 2015/863/
EU, Directive 2012/19/EU, Regulation 519/2012 REACH SVHC and Directive 1907/2006/EC.

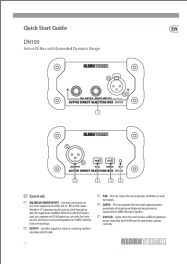
Full text of EU DoC is available at <https://community.musictribe.com/>

EU Representative: Music Tribe Brands DK A/S

Address: Ib Spang Olsens Gade 17, DK – 8200 Aarhus N, Denmark

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Documents / Resources

	<p>KLARK TEKNIK DN100 Active DI Box with Extended Dynamic Range [pdf] User Guide DN100, Active DI Box with Extended Dynamic Range</p>
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References

-  [Music Tribe](#)

