

// DTP 640 REX

QUICKSTART GUIDE

**DOUBLE CAPSULE
FOR TWICE THE KICK**
**DUAL ELEMENT MULTI-TOOL
FOR ALL BASS-HEAVY APPLICATIONS**



// Overview

- // Dual-element design (dynamic and condenser capsule)
- // Cardioid polar pattern for effective isolation of the main sound source
- // Tailored frequency response for drum and percussion applications
- // 3 pre-attenuation settings: 0 dB, -10 dB, and -20 dB
- // Gold plated & corrosion-resistant 3-pin XLR output connector

- // 3 sound shaping modes
- // Recessed slide switches
- // Integrated acoustic pop and windshield - washable
- // Solid full-metal die-cast body
- // Hardened steel mesh grille

Top applications // Kick drum, toms, percussion and bass instruments

// User interface

- (1) **DTP 40 Trs Y-cable** // 5-pin XLR into two 3-pin XLR
- (2) **5-pin XLR jack**
- (3) **Condenser element**
- (4) **Dynamic element**
- (5) **Recessed slide switch for ‘Enhanced Frequency Response’** // Select between the following modes by adjusting the slide switch:
 - = // = ‘**Flat Frequency Response**’ – FFR is suited for recording bass-heavy instruments. No filter curve activated.
 - + // = ‘**Dynamic Enhanced Frequency Response**’ – Dynamic EFR emphasizes frequency ranges relevant for the kick drum sound in the dynamic capsule, but leaves frequency response of the condenser capsule untouched.
 - + // + ‘**Dual Enhanced Frequency Response**’ – Dual EFR emphasizes frequency ranges relevant for the kick drum sound in both capsules but “sharing the work”. The condenser capsule emphasizes frequencies around 60 Hz for deep and full sound. The dynamic capsule puts its emphasis on the frequencies between 4 and 6 kHz for fast attack.
- (6) **Recessed slide switch for pre-attenuation level** // Select between the three settings 0 dB, -10 dB, and -20 dB for the pre-attenuation level using the recessed slide switch.

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// Getting started

- 1 Connect the supplied Y-cable (DTP 40 Trs) ① with its 5-pin XLR plug to the DTP 640 REX ②.
Connect the two 3-pin XLR plug marked with CONDENSER and DYNAMIC to your mixing console, audio interface or microphone preamplifier.
- 2 Supply the DTP 640 REX with 48V phantom to power the condenser element (you do not need phantom power when exclusively using the dynamic capsule).
- 3 Set the input gain on your mixing console, preamp, etc. accordingly.
- 4 To ensure best sound quality, do not cover any part of the grille.
- 5 Experiment with different mixes of the two capsules to find your perfect sound.
- 6 Rock!

// Dual Element Technology

Your DTP 640 REX is equipped with a dynamic capsule and a condenser capsule – the dynamic element ensures accurate reproduction of the bass drum kick, while the condenser element captures the rich, low frequency sound of the drum's shell. These two elements can be separately mixed on their own channels. The enclosed DTP 40 Trs cable connects the DTP 640 REX to two channels on your mixing board. The two channels can be mixed according to your preferences.

// Please Note

- // The capsule is a sensitive, high precision component. Make sure you do not drop it from high heights and avoid strong mechanical stress and force.
- // To ensure high sensitivity and best sound reproduction of the microphone, avoid exposing it to moisture, dust or extreme temperatures.
- // Do not apply excessive force on the switches or the connected cable.
- // When disconnecting the microphone cable, grasp the connector and do not pull the cable.
- // Do not attempt to modify or fix the microphone, as it would void your product warranty.
- // The casing of the microphone can be cleaned easily using a wet cloth, never use alcohol or another solvent for cleaning.
- // The windshield can be washed with soap water, if necessary.

 **READ THE FULL MANUAL!**
LEARN EVERYTHING ABOUT YOUR DTP 640 REX
www.lewitt-audio.com/resources/manuals/DTP-640-REX.pdf

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