// LCT 540 S
QUICKSTART GUIDE

REDISCOVER SOUND
EXPLORE ALL DETAILS
CUTTING-EDGE CONDENSER MICROPHONE
FOR ULTRA-DETAILED SONIC IMAGES

// User Interface

1 Status indicator //

Illuminated white: standard operation
Flashing red: clipping occurs
Not illuminated: key-lock active
Illuminated red: Automatic Attenuation active
Flashing red/white or green/white: Clipping History active

2 Low-cut indicator // Use left pushbutton to change the low-cut settings. Low-cut filters eliminate unwanted low-frequency sounds, compensate the proximity effect and reduce structure-borne noise.

3 Pre-attenuation indicator // Use right pushbutton to select the pre-attenuation. Use this setting to avoid clipping when recording very loud sound sources.

4 Pushbutton functions

Key-lock // Hold the center pushbutton for more than 2 seconds to activate the key-lock mode. Now all pushbuttons are locked until you press any button for 2 seconds again.

Clipping History // Hold the left pushbutton for more than 2 seconds to enter Clipping History. If the status indicator flashes green/white, no clipping occurred. If the status indicator flashes red/white, clipping occurred. The illuminated pre-attenuation symbols show at which pre-attenuation setting the clipping occurred. Press any button for more than 2 seconds to exit Clipping History. Once you exit the Clipping History or remove 48V the history is deleted.

Automatic Attenuation // Hold the right pushbutton for more than 2 seconds to activate Automatic Attenuation and the status indicator turns red. In this mode, the microphone adjusts the attenuation setting automatically when clipping occurs. The adjustment produces an audible sound. Therefore, this feature is intended to be used for recording test runs only and to set all mics to the correct attenuation. It is not recommended to be used during actual recordings. Deactivate by pressing any button again for more than 2 seconds; the status indicator turns white again.

// Perfect Match technology

Every single LCT 540 S undergoes a series of measurements followed by adjustment of the polarization voltage to achieve the same sensitivity at 1 kHz in every LCT 540 S ever produced.

// Getting started

1 Attach the LCT 40 SHx shock mount to a sturdy microphone stand.
2 Place the LCT 540 S in the shock mount and secure it by fastening the threaded nut.
3 The illuminated user interface indicates the front of the microphone. Point it towards the sound source.
4 Connect the LCT 540 S via standard 3-pin XLR cable to an audio interface, microphone preamplifier, or mixing console, capable of providing 48 V phantom power (P48).
5 Mute your microphone channel before you turn the phantom power on, as it produces a short switch-on sound.
6 Set the input gain on your audio interface, mixing console, preamp, etc. accordingly.
7 Adapt to the sound source and recording environment using low-cut and pre-attenuation settings.
8 Use the supplied LCT 50 PSx pop filter when recording vocals or spoken word to reduce unwanted plosives.
9 To ensure best sound quality, do not cover any part of the grille.
10 You are ready to go!

READ THE FULL MANUAL!
LEARN EVERYTHING ABOUT YOUR LCT 540 S
www.lewitt-audio.com/manuals/LCT-540-S.pdf

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