

United Studio Technologies UT Twin48



With the UT Twin48, United Studio Technologies pursues an ambitious concept: this large-diaphragm tube microphone combines two legendary sonic worlds, those of the Neumann U47 and the later U48. At its core is the specially developed UT K48 dual-diaphragm capsule. It is based on the historic M7 design, but uses modern materials such as ultra-thin, gold-sputtered Mylar diaphragms. Signal amplification is handled by a selected NOS EF86 pentode tube. Together with the custom-designed UT-BV8 output transformer, this results in a classically inspired yet technically clean tube sound. Particularly interesting is the ability to switch between two sound modes via the external power supply.

In 47 mode, the rear diaphragm is deactivated, producing a large, open, and detailed sound. The 48 mode activates both diaphragms and delivers a warmer, more intimate tone with lower sensitivity. In practical use, the UT Twin48 impresses with a low noise floor and a very musical sound character. Vocals benefit from a pleasant presence without harsh sibilance.

Verdict

The UT Twin48 is a high-end tube microphone with two clearly distinct sonic characters. While the 47 mode is particularly well suited for vocals and instruments, the 48 mode offers a more intimate tone for softer vocal or spoken-word recordings. The microphone truly excels with vocals, speech, and delicate instruments, providing a modern interpretation of classic tube microphone sounds.

Top strengths:

- ▲ two sound modes in the style of U47 and U48
- ▲ very low-noise tube microphone
- ▲ high-quality custom transformer
- ▲ excellent build quality and accessories

Web: unitedstudiotech.com

Distribution: audiowerk.eu

Price: 1.649 Euro
