



RM3 Mark 2 Tube Microphone Set

The Horch RM3 Mark2 is a large diaphragm tube microphone in the tradition of the classic tube microphones of the 1950s and 60s. The RM3 Mark2, fitted with a specially designed microphone capsule in "CK12 style", provides a powerful sound and can be used in a variety of situations thanks to its switchable directionality and the additional integrated Shock Mount.. The RM3 Mark 2 is also suitable for women's voices thanks to its transparent resolution even in high pitches and at high sound pressure. In accordance with the HORCH principle of "optimizing the tried and tested", the new HORCH RM3 Mark 2 was designed with **a number of improvements** compared with the previous model.

The sound selection switch which is positioned inside the microphone provides two different operation modes with very different sounds.

In **linear mode** (the switch lights up blue from the inside) the direction characteristics can be adjusted gradually on the mains adapter between omni-directional, cardioid and bi-directional. The microphone works very linearly in this mode and is thus equally suitable for all recording situations.

Vocal mode (the switch lights up red from the inside) provides a special cardioid pattern with an even stronger proximity effect compared with the cardioid pattern in linear mode, thus helping to give singing voices that sought-after "larger-than-life" sound

A new feature of the RM3 Mark 2 is the HIC. The **HORCH Impedance Converter** transforms the output impedance of the microphone capsule and together with the subsequent tube amplifier increases both sensitivity and linearity, without any loss in the popular "HORCH tube sound". The tube/tube amplifier works without any frequency response correction due to feedback. For lovers of pure tube setting, HORCH offers the **pure tube mode** option, which can completely remove the **HORCH HIC** from the signal flow. The RM3 Mark2 then becomes 100% identical to the previous model, the RM3.

Features:

- sound selection switch for selecting operating modes
 - Linear mode:** Linear frequency response with switchable direction pattern: omni-directional/cardioid/bi-directional (or figure-eight) pattern
 - Vocal mode:** cardioid characteristics with strong proximity effect
- microphone capsule "CK12 style" with 4 µm thin membrane
- HORCH Impedance Converter which can be overridden internally if required
- selected ECC81 tube
 - oversized nickel-iron transformer for high overload stability

Microphone capsule "CK12 style" with 4 µm thin membrane