

TM-DRUMS

Microphone set for drums



TM-DRUMS is a set of four microphones tailored for getting a good drum sound with ease using a Tascam multi-track recorder or audio interface with DAW software. Especially designed for beginners who cannot afford separate mics for each and every part of the drum kit, this mic set meets the minimum requirements for multi-microphone recordings and can even be handled by people who are not yet so familiar with creating a good sounding mix with many sources.

TM-DRUMS comprises of one dynamic mic designed for the bass or kick drum, another dynamic mic designed for the snare, and two condenser mics that can be used for hi-hat, toms and cymbals. Each of the three mic types has its own special characteristics to enhance the instrument it was made for.

The TM-50DB's frequency response delivers a thick bass thump with the right amount of punch, while the TM-50DS enhances the special character of the snare drum with attack and clarity. The TM-50C microphone can be used as an overhead microphone to capture the sound of your hi-hat and cymbals. As a condenser microphone, it handles high sound pressure levels and captures a wide frequency range. Since there are two of these in the set, you can also use that pair to easily create a stereo recording of the entire drum kit, supported by the two mics for kick and snare drum.

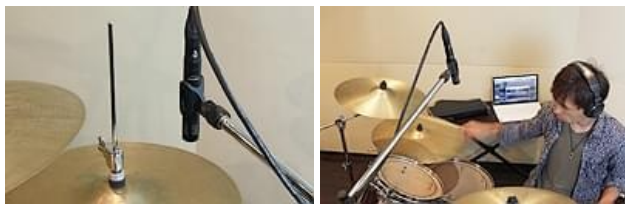
Details

Capture great-sounding drums with a stereo setup (BD + SN + 2×OH)



Creating a great-sounding drum sound is not hard to accomplish. With two overhead microphones and separate mics for the kick drum and snare drum, you'll get a wide stereo image with clear highs. Start with the overheads and try out different positions until you find that toms, cymbals and hi-hat build a balanced base sound. Then, add a thick kick drum and a well-defined snare drum to that base sound with their separate mics.

More hi-hat, please (BD + SN + HH + OH)



If a clear hi-hat is important to your music, you can emphasize it by placing one of the TM-50C over the hi-hat and use the second TM-50C as overhead on the other end of your drum kit. By going this way, you will have more influence on the basic instruments: kick, snare, and hi-hat.

You will certainly find a good position for the overhead mic where it can capture the rest of your kit. This approach does not deliver a stereo image like with two overheads but it still gives you some amount of width when panning the hi-hat to one side and the overhead to the other side.

Adding ambience to your drum sound



Once you created your basic drum sound and you're familiar with multi-microphone recording, it is easy to add more mics. Is your drum kit located in a room with a nice ambient sound? Why not add that room ambience to make your sound more natural?

The picture shows a Tascam TM-80 which is also ideal for vocals or acoustic instruments.

Features at a glance

TM-50DB Specifications

- Bass drum microphone
- Working principle: dynamic
- Directivity pattern: unidirectional (cardioid)
- Frequency response: 50 Hz – 15 kHz
- Output impedance: 400 Ω , ± 30 % (1 kHz)
- Load impedance: <1 k Ω
- Sensitivity: -55 dB, ± 3 dB (0 dB = 1 V/Pa at 1 kHz)
- Connector: 3-pin XLR, male
- External dimensions (H \times W \times D):
118 mm \times 59 mm \times 115 mm
- Weight: 460 g (mic body only)
- Included accessory: 5/8-inch to 3/8-inch screw adapter

TM-50DS Specifications

- Snare drum microphone
- Working principle: dynamic
- Directivity pattern: unidirectional (cardioid)
- Frequency response: 50 Hz – 14 kHz
- Output impedance: 350 Ω , ± 30 % (1 kHz)
- Load impedance: <1 k Ω
- Sensitivity: -56 dB, ± 3 dB (0 dB = 1 V/Pa at 1 kHz)
- Connector: 3-pin XLR, male
- External dimensions (H \times W \times D):
105 mm \times 43 mm \times 98 mm
- Weight: 330 g (mic body only)
- Included accessory: 5/8-inch to 3/8-inch screw adapter

TM-50C Specifications

- Overhead/cymbals microphone
- Working principle: condenser (16-mm diaphragm)
- Phantom power required: DC 48 V
- Directivity pattern: unidirectional (cardioid)
- Frequency response: 30 Hz – 18 kHz
- Output impedance: 100 Ω , ± 30 % (1 kHz)
- Load impedance: <1 k Ω
- Sensitivity: -38 dB, ± 3 dB (0 dB = 1 V/Pa at 1 kHz)
- Connector: 3-pin XLR, male
- External dimensions ($\varnothing \times$ L):
21 mm \times 117 mm
- Weight: 85 g (mic body only)
- Included accessory: 5/8-inch to 3/8-inch screw adapter
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Options



TM-AM1: Boom Microphone Stand With Counterweight

Related products



TM-82: Dynamic Microphone for Vocals and Instruments

Design and specifications subject to change without notice.

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