"TrigMic kick"

This is a professional music equipment. It combines functions of drum-trigger and multilayer sampler. It fixes on the bass drum, like a trigger. TrigMic has a standard XLR plug for audio cable, like a microphone. It sounds like a sampler. Simplest control allows to use the TrigMic without any learning. There is a removable microSD-card with factory preloaded sound files. TrigMic realizes a fast detection of stroke and rapid estimation of force. It gives a minimal delay between stroke and sample playback. The volume of playback is modulated by force of stroke. The multilayer mechanism is conveys to play one of several samples (up to 4), also depending of force. User-controlled GAIN and RESPONSE allows to achieve a best dynamic for most comfortable play. File-change button allows to change the sounds on fly. The free software and the library of complete sound files are available to download from web site www.trigmic.com

Technical specification

Type of pickup	Piezo
Audio format	44100Hz 16Bit Mono
Output level, max	1250mV peak (+4dBu)
SNR	100dB
Supply	One 1.5V AA alkaline cell
Number of Files per session	up to 5
Case dimensions (LxWxH)	4 x 1.5 x 4 in (100 x 38 x 100 mm)
Weight with battery cell	250g

Install and preparations

Make sure that both switches are off (MUTE and PWR). Check the existence of microSD card (visually). Insert the energy cell AA, orienting the plus to the plug side, and minus to spring. Carefully fix the device on the bass drum, from musician side. Connect the TrigMic to the audio cable, as microphone. Slide up the PWR switch to position ON. Wait two seconds and make sure that the top LED is blinking with pause 5 sec. It indicates a normal mode. Device is ready to play.

Adjustment

Play the bass drum. Hold the GAIN button and press UP button to set the optimal gain (9 steps). Any LED since 1 till 4 will blink with every correct stroke, but "blind stroke" must be ignored without any LED blink (LED 5 still blinking automatically every 5 seconds. It confirms the "work" condition).

Play

Unmute (Slide up the MUTE switch to position OPEN). Hold the RESP button and press UP button to set the desirable response (9 steps). It allows to set the difference between hard and soft stroke. If you prefer only hard play, set it to maximum. If you need a smooth play, choose low or medium value.

File Change

Change the file, when needed. Hold the FILE button and press UP button to set the desirable file (Bright LED shows the chosen file, dark-blinking LEDs shows the found files)

Cell discharge and card error

Fast blinking LED5 indicates a Low Bat condition. Mute the TrigMic, switch off the PWR and replace the cell. (Pull the violet fiber tape to remove old cell) Your settings will be stored with power off and restored with every power on. One time adjusted Gain and Response will always work till new change.
Three blinking LEDS shows the Card Error condition. Try to change the microSD-card.

Additional information

Refer the "TrigMic_ServiceManual.pdf" to find more info about custom sound file processing