

User Guide



***Purple Microdot
Head Mount Drum Trigger***

FISHMAN[®]
Acoustic Power

Purple Microdot Head Mount Drum Trigger

Thank you for your purchase of a FISHMAN product. Please read these instructions carefully. If you have any questions or problems, contact our **Customer Service Line at 978-988-9665**.

The FISHMAN Purple Microdot is designed to deliver consistent and accurate triggering of drum signals from acoustic drums to electronic interfaces. The purpose of a trigger mounted directly to the drum head is to dispatch a signal, without delay, directly from its source.

CAUTION

The PURPLE MICRODOT is a sophisticated state-of-the-art sensing device from which you can expect years of service. Note, however, that it is neither a microphone nor an amplifying source. The signal provided by the trigger is a high-voltage, fast rising, highly damped spike with a level proportional to the force of the hit it is sensing. Its function is to provide a triggering signal to electronic sound sources, drum machines, MIDI converters, etc. Because head-mounted triggers are subjected to misuse and abuse that can cause permanent damage, FISHMAN TRANSDUCERS, INC. must limit its liability.

Live drum triggering is an excellent tool for sound reinforcement; the electronic drum sounds of today are great additions to acoustic drums. Be aware that some voices in sound modules react differently, so your playing style

may affect the overall performance of your trigger system. The use of triggers is also an interesting way to digitally record your drum performance into a MIDI sequencer, a computer with the proper software, or directly onto a drum machine. The head mount triggers work very well in conjunction with shell mount triggers (like the FISHMAN ADT-100-S). Having both triggers allows you to have multi-sounds on a single drum, like assigning a rim sound to be triggered only when you hit the rim, etc.

PARTS LIST

- Fishman Purple Microdot
- 6 Squares of Double-sided Adhesive
- Jack Holder

I - MOUNTING THE TRIGGER

External Head Mounting

- A** Tune the drum head before mounting the trigger.
- B** Using a square of the supplied double-sided adhesive, place the trigger on the head. The trigger should be placed within one inch or twenty to twenty-five mm of the edge of the drum head. Experiment for the best results; each drum size will vary in location.
- Don't put it where it will get hit.
 - Don't put it where it will pick up vibrations from drums other than the one it is on.

- Don't put it where a stand or clamp may touch either the trigger or the wire.
- Don't put it in such a position that your stick can get underneath the cord and separate the cable from the trigger. Wrap excess cable wire around the nearest lug.
- Do put it where it will pick up the most vibrations directly from the head; locate the most sensitive spot.

Be aware of the location of your cable or snake when wiring up the whole drum kit. This may be a factor in the trigger placement. Try to keep wires out of harm's way.

Placing the PURPLE MICRODOT directly on the rim may be an option; results may vary.

Changing Heads

When you change heads you must carefully remove the trigger. Do not pull the cable, try to get underneath it - a guitar pick works well. In some cases you should clean the brass portion of the trigger with alcohol before you re-apply it to the new head.

Make note as to the trigger location on the old head so that the location remains the same on the replacement head; this cuts down on the readjustment time. Save the extra double-sided adhesive, because when you change heads you also change adhesive.

II - LOCATING THE JACK HOLDER

Clean the surface of the drum before mounting the jack holder. You may wish to find an alterna-

tive jack holder if you have a custom paint job or the surface of the drum is sensitive to adhesive.

For Internal Drum Mounting

You will find that the Purple Microdot will fit through most round vent holes. You may wish to experiment for best results.

If you wish to custom mount the jack in the drum, use a female 1/4" panel jack (commonly used as a guitar jack) which will fit through the shell and sit flush against the drum; the same applies to an XLR type jack for internal mounting.

III - SUGGESTED SET-UP AND SHAKEDOWN OF ELECTRONIC DRUM MODULES

- Work with one drum at a time (start with snare drum to get a feel for the process).
- Test combinations like kick drum and snare drum or rack toms #1 & #2, etc. Make sure only the drum being hit triggers, and adjust the interface to prevent interaction and false triggering.
- Determine if there are any phantom notes sounding when you hit or play on targets like hi-hat, cymbal hits, cowbell, etc.
- Always test under all possible conditions. For example, loud bass guitar might set off floor toms.

Limited Warranty

The FISHMAN Purple Microdot Head Mount Drum Trigger is warranted to function for a period of One (1) Year from the date of purchase. If the unit fails to function properly within the warranty period, free repair and the option of replacement or refund in the event that FISHMAN is unable to make repair are FISHMAN's only obligations. This warranty does not cover any consequential damages or damage to the unit due to misuse, accident, or neglect. FISHMAN retains the right to make such determination on the basis of factory inspection. Products returned to FISHMAN for repair or replacement must be shipped in accordance with the Return Policy, as follows. This warranty remains valid only if repairs are performed by FISHMAN. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

Return Policy

To return products to FISHMAN TRANSDUCERS, you must follow these steps...

1. Call FISHMAN TRANSDUCERS at 978-988-9199 for a Return Authorization Number ("RAN").
2. Enclose a copy of the original Bill of Sale as evidence of the date of purchase, with the product in its original packaging and a protective carton or mailer.
3. FISHMAN TRANSDUCERS' technicians will determine whether the item is covered by warranty or if it instead has been damaged by improper customer installation or other causes not related to defects in material or workmanship.
4. Warranty repairs or replacements will be sent automatically free of charge.
5. If FISHMAN TRANSDUCERS determines the item is not covered by warranty, we will notify you of the repair or replacement cost and wait for your authorization to proceed.

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009-025-002 10-00

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