

# Trig it!

Clavia offers two series of the famous ddrum Trigger: ddrum Acoustic Trigger and ddrum Red Shot Trigger. Both series use the patented VAM technique for outstanding tracking ability and dynamics detection. ddrum Triggers are the perfect choice for the demanding musician.

## ddrum Triggers – the new standard for drum triggers

With their superb tracking ability, ddrum Triggers set a new standard for trigger mechanics. With absolutely no adhesives required, the ddrum triggers clamp onto the sides of standard drum hoops. The specially designed transducer is softly pressed against the drumhead. The advantages are obvious: you can change drum heads over and over without damaging the transducer, the metal casing protects the trigger from accidental drumhits and the ultra-light pressure of the transducer against the head prevents any "damping" effect.

### ACOUSTIC TRIGGERS

#### ddrum Acoustic Triggers

The ddrum Acoustic Triggers come in three different models that fit standard drum rim hoops: the Tom Tom Trigger, the Kick drum Trigger and a special Snare Trigger with a separate sensor for the rim. The Snare Trigger can also be used on Toms. The ddrum Acoustic Triggers feature a very sturdy mechanical housing and can be mounted anywhere around the hoop. The ddrum Acoustic Trigger features an XLR jack for safe connection to the sound module.



## Features

- Playing dynamics are recognized in a "natural way", allowing for a realistic dynamic response across the entire drumhead (from the center of the head to the rim).
- Double triggering problems are reduced.
- The special design trigger reduces crosstalk problems.
- Together with ddrum sound modules, crosstalk and double triggering are totally eliminated. No muffling is needed.
- Fits most types of molded hoops.
- No adhesive is needed.
- Sturdy construction.
- All parts interchangeable.

### RED SHOT TRIGGER

#### ddrum Red Shot Trigger

The ddrum Red Shot Trigger is the low cost alternative in the ddrum Trigger series. It comes in two different models: the Snare/Tom Trigger and the Kick drum Trigger. They are mounted onto the hoop with one of the standard tension rods. The ddrum Red Shot Trigger features the same type of sensor as the ddrum Acoustic Trigger but has a stripped-down mechanical construction. The ddrum Red Shot Trigger features a 1/4" jack for connection to the sound module.



When using ddrum Triggers with a ddrum sound module it sounds like you're playing a perfectly miked drumkit.

## Why ddrum Triggers are superior to other triggers

Existing drum sensors consisting of piezo elements applied to the head of an acoustic drum have not been perceived as giving a "natural response." After analyzing the waveform patterns from acoustic drums, Clavia has created a patented transducer solution using Vectored Amplitude Measurements (VAM).

Other problems with conventional drum sensors include double triggering (you strike the drum once and you hear additional unwanted strikes) and crosstalk (you strike Tom 1 and Tom 2 plays as well).

Two other common problems with conventional triggers are durability (when you hit them accidentally they can break) and unreliable mounting methods. Triggers mounted using adhesives can accidentally separate from the drumhead.

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#### Made in Sweden by:

Clavia DMI AB  
Box 4214, S-102 65 Stockholm, Sweden  
Phone: +46 8 442 73 60, Fax: +46 8 644 26 50  
E-mail: info@clavia.se Internet: www.clavia.se

#### Distribution USA:

Armadillo Enterprises  
15251 Roosevelt Blvd #206, Clearwater FL 33760  
Phone: (727) 519-9669, Fax: (727) 519-9703  
E-mail: info@armadilloent.com Internet: www.armadilloent.com

