

# ddrum

## ***Real drums never sounded so good.***

Introducing the *ddrum* RACK SYSTEM, the finest digital drum kit money can buy. The professional digital drum kit that gives you perfect studio quality sound, session after session, show after show.

Digitally sampling drums is not an easy business, but it has been *our* business since we introduced the first *ddrum* in 1983. Today we offer the modern drummer the best digital percussion samples on the market with a growing library of over 100 sounds.

Chose from dozens of conventional acoustic sounds: bassdrums, snares and toms. You may even wish to consider our selection of drums recorded with ambient echoes and digital reverb. And, of course, we also have a variety of synth drum sounds to chose from. All on Sound Cartridges that are quickly and easily interchangeable.

## ***Digital drums never felt so good.***

We believe that a drum should *feel* like a drum, regardless of whether it is digital or acoustic. That's why our *ddrum* Pads have real skins with traditional chromed steel rims and square headed tension screws. They are rugged, reliable and superbly dynamic.

Our *ddrum* Snare takes digital drumming just one step further, with its dynamically sensitive rim. The rim, connected to the sixth module in the RACK, lets you play the *ddrum* sound of your choice — from Sidestick, to Clap, to Breaking Glass — with full dynamic control.

And last, but not least, the *ddrum* Kick: a radical, yet practical innovation. Three and a half kilos of welded Swedish steel with a head assembly that duplicates the feel of a traditional bassdrum.



*The standard ddrum RACK SYSTEM is delivered with three 10" ddrum tom Pads, a 12" ddrum Snare and the ddrum Kick. The RACK itself is built into a flight*

*case and fitted with 6 modules and 6 Type-B Sound Cartridges of your choice. The RACK is expandable to a total of 8 modules.*

in

Made

Sweden

## THE ddrum RACK.

The ddrum RACK features 6 individual ddrum modules and one power module built into a sturdy flight case. The RACK is expandable up to a total of 8 ddrum modules (or 7 ddrum modules and the optional ddrum MIXER module).

The Front Panel of the RACK gives you control over a wide range of sound parameters. Each ddrum module has the following Front Panel controls:

**Pitch** — varies pitch continuously over a one octave range.

**Pad sensitivity** — adjusts module response to match playing style.

**Sound selector** — selects one of up to four sounds on multi-sound cartridges.

**Pitch sensitivity** — controls the degree to which pad dynamics affect pitch. (At minimal settings this control simulates the tightening of a drum head struck very hard, raising the pitch just slightly. At the maximum setting this knob lets you play the lower end of the module's one octave range with light taps or the top of the range with harder hits.)

**Decay** — controls the length of the sound decay time from the cartridge maximum to 50 milliseconds. (This knob is generally used to trim the natural resonance of a ddrum sound much the same way that tape or a dampener can be used on acoustic drums.)

**Treble** — adjusts the amount of boost or cut in the treble frequency range.

**Bass** — adjusts the amount of boost or cut in the bass frequency range.

The Rear Panel of the RACK gives you easy access to all input/output jacks and Sound Cartridge ports. Each ddrum module features the following Rear Panel controls:

**Trigger input** — (1/4" phone jack) accepts input signals from ddrum Pads, Snare or Kick. This input also accepts standard DC gates and triggers (.2–5 volts, 100 millisecond or longer) as well as most audio sources. The dynamics of the triggering signal are detected and duplicated by the ddrum module.

**Audio out** — (1/4" phone jack) 4.7 Kohm signal output.

**Audio out** — (XLR jack) unbalanced wired 2 = signal, 1 + 3 = ground.

**Cartridge port** — accepts ddrum Sound Cartridges. Cartridges are keyed to prevent incorrect insertion.

### Physical specification

Dimensions: 400 mm H x 366 mm W x 247 mm D  
Weight: 10.25 kg

### Sound cartridges

Digitally sampled percussion sounds are contained in ddrum Sound Cartridges. One Cartridge can contain from one to four different sampled sounds. The ddrum RACK is delivered with 6 Type-B Cartridges.

The ddrum Sound Cartridge features steel construction to ensure roadworthiness and a special "ground-first" insertion socket that protects all circuitry from risk of static electric discharge.

Sound Cartridges are available in the following categories:

Cartridge code	Size	Number of sounds	Examples
B-1	16 K byte*	1	Tympani, Echosnare
B-2	16 K byte	2	Snare 6, Scratch 2
B-4	16 K byte	4	Kick 1, Latin 1
C-1	32 K byte	1	Churchbell
C-2	32 K byte	2	SoToms 8, 10, 12&14.

\* (16 K byte = 128 K bit; 32 K byte = 256 K bit)

### Physical specifications

Dimensions: 16 mm H x 69 mm W x 43 mm D  
Weight: 40 grams

## THE ddrum SNARE.

The ddrum Snare features a 12" REMO Weather King Ambassador batter, a chromed steel rim and 6 square-headed tension screws. The rim of the snare is dynamically sensitive and completely independent of the drum head. The Snare is fitted with two XLR output sockets (one for the head and one for the rim) and is normally used in conjunction with two ddrum RACK modules. Load the "head module" with one of our Snare Sound Cartridges and the "rim module" with one of our Rim Cartridges to play traditional sidestick and rimshots. Or load the "rim module" with other ddrum sounds, such as Handclap or Echosnare.

The ddrum Snare is designed to fit conventional snare drum stands.

### Physical specifications

Height: 90 mm  
Diameter: 360 mm  
Head Size: 12"  
Weight: 2.4 kg  
Output: two XLR sockets (rim and head)



## THE ddrum KICK

The ddrum Kick is rugged, roadworthy and streamlined. Its size and shape make it extremely portable. Its heavy-gauge, welded steel construction makes it virtually indestructible.

Anchoring spurs located at the rear of the Kick's base plate, directly under the bass drum pedal, ensure that the Kick does not move or slide forward during performance. And its replaceable cushion-mounted head assembly guarantees playing comfort, natural feel and long life.

### Physical specifications

Dimensions: 385 mm H x 240 mm W x 440 mm D  
Weight: 3.4 kg. Output: XLR socket

## THE ddrum PAD.

The ddrum Pad features a 10" REMO Weather King Ambassador batter, a chromed steel rim and 6 square headed tension screws. The L-Rod receiver block makes the ddrum Pad attachable to standard tom tom stands.

### Physical specifications

Height: 118 mm. Diameter: 305 mm. Head Size: 10".  
Weight: 1.9 kg. Output: XLR

## Accessories

Expander Modules, ddrum Pads, ddrum Sound Cartridges, ddrum MIXER Module.

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