



R A Y Z O O N T E C H N O L O G I E S



U S E R M A N U A L

1 What is MetalPak?

MetalPak was developed by Rayzoon and Josh Pollard (<http://www.joshpollard.com>) to give Jamstix 2 the sounds and A.I. to produce cutting edge metal drum performances. It comes with a new 275MB kit with various single and multi output kit mappings as well as five new metal style models and six new metal drummer models for the advanced Jamstix 2 drum engine. It also adds seven new quickstart songs.

MetalPak is a tool for those needing to create quality metal drum performances but its kit can also be used with other Jamstix 2 styles where a modern sound (i.e. aggressive cymbals and a dry & punchy kick/snare) is desired. Likewise, the MetalPak styles can be used successfully with all other Jamstix 2 drummer models and the MetalPak drummer models can be 'let loose' on any Jamstix 2 style. Just combine a 'Mambo' with 'Mike' and off you go...

2 Requirements

MetalPak requires Jamstix 2.1.4 and 300MB of hard drive space.

3 Installation

- open Jamstix
- click 'Kit' in the main menu (drumstick)
- click 'Install Pak'
- browse to and select 'metalpak.rxp2' then click 'Open'

The first time you select a MetalPak song, style or player, you will be prompted to enter the MetalPak code that was provided to you. Please keep this code confidential and share it with no one.

4 Sounds & Kits

MetalPak provides you with the sounds of a Gretsch Renown Maple kit as well as Sabian AA and AAX cymbals. It also includes a Porkpie alternate snare. Tuning and recording were geared toward the needs of modern metal productions with a full sound, punchy kick and controllable overhead ambience.

The following kits are stored in the 'Metal' subfolder.

4.1 MetalPak – Classic Kit

This kit is a single output kit that combines the MetalPak sounds with the Jamstix 2 stock snare for a deep, classic metal sound. It also uses the full version of the MetalPak kick, which has additional ambience.

4.2 MetalPak – Multi FX

This kit uses 4 audio outputs (make sure your host is set to support them or you won't hear all sounds). It uses the dry kick and the Renown snare. Each sound group has its own output and EQ/compression settings.

4.3 MetalPak – Multi FX Tight Kit

This kit uses 4 audio outputs (make sure your host is set to support them or you won't hear all sounds). It uses the dry kick and the Porkpie snare. Each sound group has its own output and EQ/compression settings.

4.4 MetalPak – Natural Kit

This kit is single output and uses the Renown snare and full kick for a natural, deeper kit sound with a nice ambience.

4.5 MetalPak – Natural Big Kit

This kit is just like the 'Natural kit' but adds several Jamstix 2 stock cymbals.

4.6 MetalPak – Natural Tight Kit

This kit is just like the 'Natural kit' but uses the dry kick sound and the Porkpie snare for a very tight, punchy and modern sound.

The following kits are stored in the 'Rock' subfolder.

4.7 MetalPak – JS2 Mixed Drums

This kit combines the Jamstix 2 stock kit with MetalPak cymbals.

4.8 MetalPak – JS2 Mixed Drums 2

This kit combines the Jamstix 2 stock kit with MetalPak kick and toms.

5 Styles

5.1 Custom Metal

Many modern metal songs synchronize the kick/snare drum pattern of the drums with the rhythmic pattern of the rhythm and bass guitars.

This model is best suited for such applications because it allows box-style editing of the kick/snare pattern and offers simple but effective hihat support and tom rerouting for a good set of metal groove tools.

5.2 Dial-A-Metal

This specific metal style gives you a simple 'Complexity' slider that morphs the groove from a simple half-time beat all the way to a full 16th double-bass/quarter snare groove. This range can often be just what you need throughout a typical metal song with the middle complexity grooves during verses, high complexity grooves in the chorus and low complexity half-time grooves in the bridge.

You can map a MIDI controller to the 'Complexity' slider by right-clicking on it so you can remotely change the groove even within a single part.

5.3 Nu Metal

Nu Metal is essentially an eclectic mix of influences from many genres and styles infused with the aggressiveness of metal rock.

This model leans toward the mainstream Nu-Metal grooves (i.e. Linkin Park) that are fairly straight-forward. For more complex and 'odd' rhythms (i.e. Korn), try the 'Prog Metal' style or mix them both in a project as needed.

5.4 Prog Metal

Progressive Metal is usually marked by intricate rhythms, complex song structures and odd time signatures. In many ways it owes as much to the art rock genres of the 1970s as it does to the heavy metal genre.

This specific prog metal model will work with 4/4 as well as with odd time signatures. It is very experimental and can produce a kaleidoscope of different rhythms. It is also capable of producing grooves in 4/4 that sound as if it they were in an odd time signature.

Note: due to the high note density of this model, you may in some cases need to halve the project's BPM.

5.5 Thrash Metal

Thrash Metal is mainly characterized by fast and aggressive double-time playing. This specific model gives you a single groove slider that morphs the rhythm from a basic half-time to a 16th double-bass/8th snare onslaught with various stages in between, which should satisfy most thrash metal needs.

6 Players

The following drummer models are included with MetalPak. They are not endorsed by nor are we promoting them as representations of actual drummers with the same first name.

6.1 Danny

A skillful and eclectic drummer model with loads of accent functions, unique fill characteristics and controllable snare/hihat to tom routing. Try this one out with any style but start with the 'Prog Metal' with which it pairs extremely well for that odd time feel in 4/4.

6.2 Jason

This drummer combines a variety of metal drumming techniques along with very capable double bass. He is very precise concerning timing at the default settings and offers a wide range of accents to spice up any groove.

You can get very interesting performances by letting this capable model lose on non-metal styles, such as latin rhythms or a 'March'. Furthermore, any rock style will be 'metallified' with this drummer model so experimentation is highly recommended.

6.3 Lars

This drummer has an aggressive style with unique fill characteristics. You won't find fancy accent embellishments here but plenty of power and speed options, such as playing of the hat notes on Tom 5 and replacing snare notes with Tom 3 and the 'Speed' slider, which will infuse any style with double-time kick/snare elements (try this with a Bossa Nova just for kicks).

6.4 Mike

This model supplies a variety of kick drum accents as well as combo accents of kick, hihat and ride. It also sports a large number of unique fill elements that yield complex and intricate fills. Overall, this drummer will add intensity and complexity to any style.

6.5 Neil

This drummer likes to mix sophisticated triplet feel elements with aggressive simple elements in his fills and spices up grooves with a variety of accents. Can be paired with any style without overpowering the natural feel of that style.

6.6 Noah

This drummer model aims at Nu-Metal but can be used with any style. Special features include the use of 8th and 16th open hats into kicks, combo accents of toms and double bass as well as trailing left hand hihat accents and double tom hits into the next bar for extra emphasis.

The intricate hihat accents can add sophistication to any style while the tom accents add aggressiveness. This can yield interesting results with any number of styles.

7 Quickstart Songs

MetalPak installs the following quickstart songs that can help you to quickly explore its sounds and styles. They are also excellent starting points for your own projects:

- Song (Dial-A-Metal)
- Song (Prog Metal)
- Song (Thrash Metal)
- Jam Session (Dial-A-Metal)
- Jam Session (Nu Metal)
- Jam Session (Prog Metal)
- Jam Session (Thrash Metal)

8 Questions & Issues

If you have any problems or questions, please use our online forums at <http://www.rayzoon.com/community> or e-mail us at support@rayzoon.com.

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Drummer models are fictional and not endorsed by actual drummers with the same first name.