

# Connecting the jamKAT to the DITI

The jamKAT is the first multi zone FSR pad layout that was designed for the DITI.

## Make The Cable Connections:

The DITI contains pre-made KITS specifically for use with the jamKAT, so all you *really* need to know is where to plug in the jacks.

Notice that there are 7 wires connected to the cable assembly, each numbered 1-7. Plug the cables numbered into the DITI's input jacks with the same number with the exception of 7. Put that into input 12.

Actually... you could plug the wires into any input that you want, as long as you assign the proper PAD TYPE to the input (explained below). We chose to use input 12 instead of 7 because input 7 is a hihat controller input, and some folks would like to use the hihat along with the jamKAT.

## Under The Hood: (how the DITI sees the jamKAT)

The DITI has three PAD TYPES that can be used with the jamKAT

- jamKAT POWER
- jamKAT Dual Zone
- jamKAT Sustain

Each cable input on the jamKAT is a STEREO jack. As you may have read in the DITI manual, FSR sensors need to be powered in order to function properly. The PAD TYPE named "jamKAT POWER" powers the sensor from the "ring" of the jack. The tip of the jack becomes a TRIGGER used for normal playing. There are two FSR sensors on the jamKAT. Pads 1AB through 3AB are on one sensor, and pads 4AB through 12AB are on the other one. Inputs ONE and SEVEN need to be assigned to the PADTYPE "jamKAT POWER".

The remaining cable inputs 2-5 are each two zone trigger inputs. On the DITI, assign them to the PADTYPE "jamKAT Dual Zone". The jamKAT now has 12 TRIGGER Inputs that can be assigned for MIDI triggering. All of the Inputs except 1B and 12B are assigned as INPUT TYPE TRIGGER as part of the PADTYPE. Inputs 1B and 12B are assigned FSR as its INPUT TYPE.

Because FSR has the ability to sense pressure as sustain or continuous controller information, a special PAD TYPE was created called "jamKAT Sustain". If you use this input type instead of "jamKAT Dual Zone", the pad will allow you to sustain notes when continuous pressure is put on the pad. If you don't need this function, the PAD TYPE "jamKAT Dual Zone" is optimized for regular hand or stick playing.