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 numbered 1-6 and 8. Plug the cables into the DITI's input jacks with the same number.

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).

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

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

- FSR=TRIG-TRIG   - Assigns pad A to trigger and pad B to trigger.
- FSR=TRIG-SUST - Assigns pad A to trigger and pad B to sustain.
- FSR=TRIG-PWR   - Assigns pad A to trigger and powers the FSR.
- FSR=SUST-TRIG - Assigns pad A to sustain and pad B to trigger.
- FSR=SUST-SUST - Assigns pad A to sustain and pad B to sustain.
- FSR=SUST-PWR - Assigns pad A to sustain and powers the FSR.

PAD TYPE "TRIG" is for normal pad triggering.
PAD TYPE "SUST" will sustain notes when continuous pressure is put on the pad.
PAD TYPE "PWR" is for powering the FSR sensors.

FSR sensors need to be powered in order to function properly. There are two FSR sensors on the jamKAT. Cable jack #1 powers the pads 1AB through 3AB and jack #8 powers the pads 4AB through 12AB. The PAD TYPE for inputs ONE and EIGHT need to be assigned to either "FSR=TRIG-PWR" or "FSR=SUST-PWR".

The remaining cable inputs 2-6 may be assigned to any of the other PAD TYPEs listed above. You may select either pad A or pad B to assign the PAD TYPE for each DITI input.

All of the Inputs except 1B and 8B are assigned as INPUT TYPE "TRIGGER" as part of the PAD TYPE. Inputs 1B and 8B are assigned "FSR" as its INPUT TYPE.

For jamKAT'R owners, follow the above instructions. In addition, plug the remaining cable jacks to the corresponding DITI input. Cable jack # 9 powers the neck sensors. The PAD TYPE for input NINE must be assigned to either "FSR=TRIG-PWR" or "FSR=SUST-PWR".

Neck sensors #2-7 are assigned as INPUT TYPE "TRIGGER" as part of the PAD TYPE. Neck sensor #1 is assigned to "FSR" as its INPUT TYPE.

The DITI HD15 output cable connects the jamKAT to the DITI as follows:

TRS Cable #1 = PAD 1 on jamKAT and Input 1A / 1B on DITI

TRS Cable #2 = PAD 2 & PAD 3 on jamKAT and Input 2A / 2B on DITI

TRS Cable #3 = PAD 4 & PAD 5 on jamKAT and input 3A / 3B on DITI

TRS Cable #4 = PAD 6 & PAD 7 on jamKAT and input 4A / 4B on DITI

TRS Cable #5 = PAD 8 & PAD 9 on jamKAT and input 5A / 5B on DITI

TRS Cable #6 = PAD 10 & PAD 11 on jamKAT and input 6A / 6B on DITI

TRS Cable #8 = PAD 12 on jamKAT and input 8A / 8B on DITI

Connecting the jamKAT to the FTB

The jamKAT connects to the FTB by connecting a HD15 to HD15 cable to the HD15 IN connector. The FTB then outputs the signals to the HD15 OUT connector. The FTB output cable has 12 mono 1/4" plugs that are numbered 1-12 which correspond to the pad number on the jamKAT. The FTB also outputs these signals through the 6 1/4" outputs as follows:

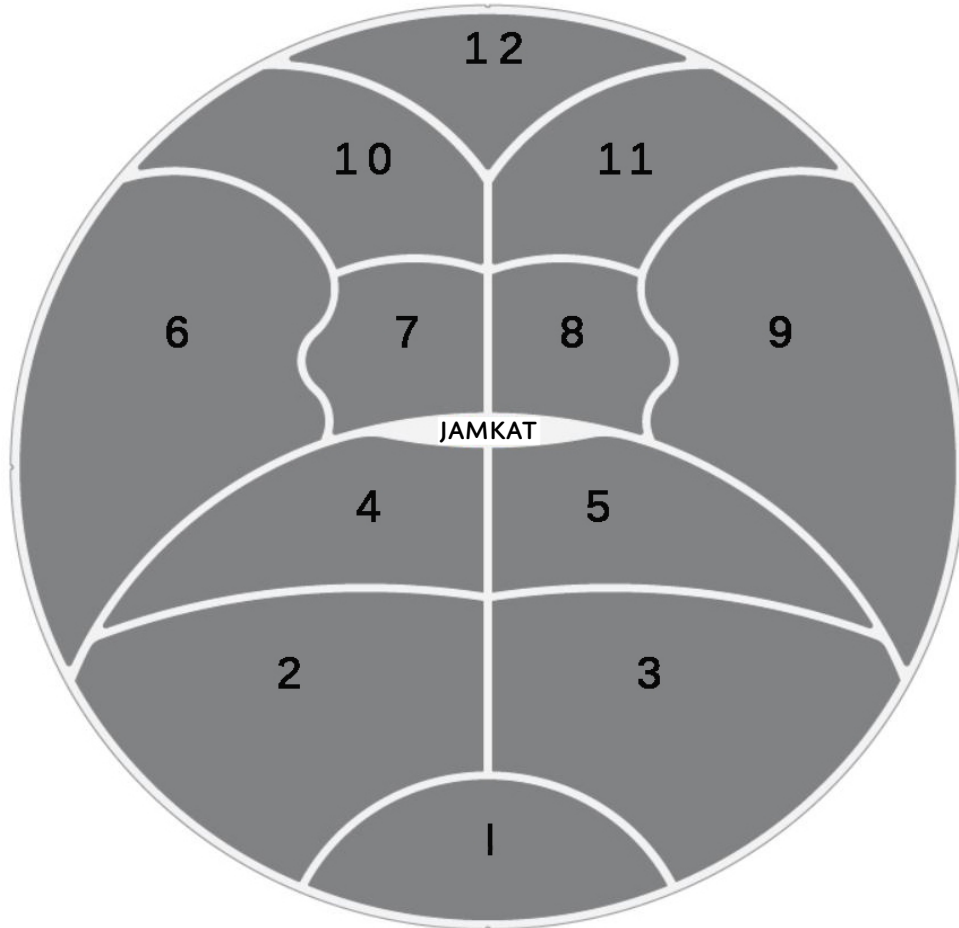|	
Pad #1 to OUT 1 (tip)	Pad #7 to OUT 4 (tip)
Pad #2 to OUT 1 (ring)	Pad #8 to OUT 4 (ring)
Pad #3 to OUT 2 (tip)	Pad #9 to OUT 5 (tip)
Pad #4 to OUT 2 (ring)	Pad #10 to OUT 5 (ring)
Pad #5 to OUT 3 (tip)	Pad #11 to OUT 6 (tip)
Pad #6 to OUT 3 (ring)	Pad #12 to OUT 6 (ring)

A stereo to (2)mono plug "Y" cable can be used on each of the 1/4" outputs to split the signals if necessary for your sound source.

JAMKAT PAD LAYOUT