**PedalSnake Rig Questionnaire**

**Before you fill this out**

* **Watch the help videos** at the [PedalSnake Channel at YouTube](http://www.youtube.com/playlist?list=PL26A2EB19AEA8F9B0&feature=plcp)—you may figure out what you need on your own.
* The info at [PedalSnake.com](http://www.pedalsnake.com/) can be very helpful too.

**When filling out this questionnaire**

* **Have your gear present** (hopefully while it’s set up) with a pencil and paper. The info we need it not hard to get. We just need info about what cables you run between your pedals (at the frontline) and your amp (at the backline), and how you power your pedals.
* **Be sure to follow the Instructions below**, and the guidelines in each section. In order to give you the best answers about a PedalSnake system for your rig, we need a complete, accurate Q on file. We may need to refer to it later if you have questions.
* **Erase all of our “example” red text, and replace it with your answers in red.**
* **Remember, PedalSnake can** **expand and adapt.** So if you don’t get it exactly right on your first order, you can always order additional [Pigtails](http://www.pedalsnake.com/page.php?id=64#Pigtails) or [Power Plug Adapters](http://www.pedalsnake.com/osCommerce/catalog/index.php?cPath=27_31) to make it right.
* **We offer a 30 Day Money Back Guarantee**. If you don’t get your 1st order exactly right, or are dissatisfied in any way, just return anything you didn’t need for credit.
* [**Email**](mailto:sales2@pedalsnake.com?subject=PedalSnake%20Rig%20Questionnaire) **your completed questionnaire** to[sales2@pedalsnake.com](mailto:sales2@pedalsnake.com), and we will email you back with a recommendation of what to order.

**Instructions**

**IMPORTANT: This Questionnaire only seeks to find out:**

***1) What cables run between your pedals and the amp.***

***2) What devices you wish to power thru PedalSnake.***

*This means we only need to hear about cables running from “front to back”. Please keep it simple so we can respond quickly. We do NOT need to read about*

* *cables that only run within your pedal area*
* *details about devices you wish to power*
* *other details about your rig.*

**We need a good simple record about pedals-to-amp cables that we can refer back to later if needed.**

* **Save this file** as something like “Johnny Gitarzan’s Rig”. This way you can always refer back to the original.
* **Fill out “Johnny Gitarzan’s Rig”** with your rig’s info.
  + An example rigis already filled in red text. It is there to help you.
  + Please make your Questionnaire easy for us to read. To eliminate confusion, **replace our red text with your red text**, **and please erase any and all red text that may be left over.**
* **Save the file.**
* **Email** your completed Questionnaire back to us at [sales2@pedalsnake.com](mailto:sales2@pedalsnake.com)

**Questionnaire**

**1. YOUR CONTACT INFO**

**Name** John Gitarzan

**Email** jguitarzan@badmofo.com

**Phone** (696) 696-6969

**2. YOUR PEDALBOARD (**if any)

*NOTE:* [*Pedaltrain*](http://www.pedaltrain.com)*pedalboards yield the best “UltraClean Look” with PedalSnake, because they have space underneath to tie off and hide your plug n play Pigtails.*

**Maker:** Pedaltrain

**Model:** Pedaltrain Jr.

1. **Does your board have a built in 9V power supply?** No

*If your board has a power supply built in, you would have to connect a (120VAC) power cord to it.*

1. **If not, does your board have a low-voltage power input to connect a power supply (wall wart)?** No
2. **If so, what kind of power connector is used (the Boss power connector is 2.1mm and considered standard)?** n/a

*If your board has no power connectors, that is fine. Designing good power has nothing to do with the platform you use to mount your pedals.*

**3. BACKLINE GEAR**

*“Backline” refers to the rear of a stage, where amps, rack gear, wireless receiver, etc. usually go. The Amp End of your PedalSnake is meant to connect to Backline Gear. The Pedal End is meant to connect to your Frontline Gear.*

**List only Backline Gear** with a cable that connects to *Frontline Gear* (in Section 4 below).

List like this:  *maker, model (function)*

Mesa, F-100 (Combo amp)

Telex GTX (Wireless)

**4. FRONTLINE GEAR** (pedals, footswitches, MIDI controllers, etc.)

*“Frontline” refers to the front of a stage, where pedals usually go. The Pedal End of your PedalSnake is meant to connect to Frontline Gear. The Amp End is meant to connect to your Backline Gear.*

* **List only** gear that has a cable that connects to *Backline Gear* (in Section 3 above).

List like this: *maker, model (function)*

* **If several pedals are chained together**, name the [pedal-chain](http://www.pedalsnake.com/page.php?id=1115#PedalChain) for what it connects to at the [backline](http://www.pedalsnake.com/page.php?id=1115#backLine) (as shown below).

Mesa F-100 Input chain

Boss, TU-2 (Tuner)

Fulltone, Fulldrive-2 (Distortion)

Line 6 M13

Mesa F-100 FX Loop chain

Boss, DD-3 (Delay)

Boss, CE-2 (Chorus)

Mesa, F-100 Footswitch (Footswitch)

**5. ¼” GUITAR CORDS (AUDIO ONLY)**

1. **Below, first enter the** **NUMBER OF CORDS**. We want only the ¼” guitar cords that carry audio (guitar signals) between your pedals and amp (between [frontline](http://www.pedalsnake.com/page.php?id=1115#frontLine) and [backline](http://www.pedalsnake.com/page.php?id=1115#backLine)).
   * *DO NOT LIST short cords between pedals, as they will not be in PedalSnake.*
   * *DO NOT LIST* [*footswitch lines*](http://www.pedalsnake.com/page.php?id=1115#footLines)*, or other non-audio cords.*
   * *DO NOT LIST cords that connect to your guitar or other instruments, as they will not be in PedalSnake.*
2. **Describe each cord** by what pedal it plugs into at the FRONTLINE and BACKLINE.
   * *Each FRONTLINE and BACKLINE Device below should appear in Sections 4 and 3 above.*
   * *It helps us for you to specify “in” or “out” for each device, and “to” or “from” as well.*
   * *If a cord is stereo**TRS (tip-ring-sleeve), note it as “TRS”.*

**NUMBER OF CORDS:** 4

|  |  |  |
| --- | --- | --- |
| **FRONTLINE DEVICE (in or out)** | **TO or FROM** | **BACKLINE DEVICE (in or out)** |
| TU2 in | from | Wireless out |
| Fulldrive2 out | to | F-100 guitar input |
| CE-2 in | from | F-100 FX send |
| DD-3 out | to | F-100 FX return |
|  |  |  |
|  |  |  |

1. **DESCRIBE ANY AMP FOOTSWITCHES**

*These are usually boxes with buttons that can switch things at your amp, like switch amp channels, or switch amp reverb on and off. They generally have a cable that goes from the pedal area (frontline) to the amp (backline). See* [*Footswitches*](http://www.pedalsnake.com/page.php?id=64#FootSwLines)*.*

*NOTE: MIDI devices are not footswitches. They are “controllers” that send data.*

1. **If you have no footswitch,** just say NONE, and be sure to erase all of our red text when done.
2. **Number of buttons:** 3
3. **Button functions:** Channel (1 or 2), Reverb (ON-OFF), Contour (ON-OFF)
4. **Is the footswitch cord permanently attached to the footswitch box?** No
5. **Or do you plug a cable into the footswitch box?** Yes
6. **Connector(s):**

**MONO ¼” (how many?)** None

**STEREO TRS ¼” (how many?)** None

**OTHER type of connector: (please describe)**

(1) 5pin MIDI connector/line. Line connects IN back of the F-100.

**7. MIDI CONTROLLERS AND MIDI CABLES** See [MIDI Lines](http://www.pedalsnake.com/page.php?id=64#MIDiLines).

1. **If you have NO MIDI controller, just say NONE, and be sure to erase all of our red text when done.**

**Maker** None **Model** None

1. **If you DO have a MIDI controller, but the cable runs only within your pedal area,** and does not go to the backline, then it would not be in PedalSnake, and you can just say None above.
2. **MIDI Connector:** How many pins? (PedalSnake supports 5 and 7) n/a
3. **Does your controller have an external power jack…OR…does it require phantom power thru A 5wire MIDI cable**? n/a
4. **How is your MIDI controller powered now…thru the cable, or with a power supply?** n/a
5. **Would you like to continue to do it this way? If not, please explain.** n/a

***NOTE****: If you connect power to your footcontroller’s external power jack, you do not need to have phantom power in your MIDI line. So you can use any* [*3-wire DIN channel*](http://www.pedalsnake.com/page.php?id=64#ChTypes) *on a PedalSnake BaseSnake to carry “signal only”. If you must have phantom power thru the MIDI cable, then you must use the* [*white 5-wire channel*](http://www.pedalsnake.com/page.php?id=64#ChTypes)*.*

**8. OTHER “FRONT TO BACK” CORDS**

Like [XLR](http://www.pedalsnake.com/page.php?id=64#XLRLines), etc.

* **Don’t list 120VAC power cords.**

*They get replaced by PedalSnake (hopefully). If you have any 120VAC powered pedals, make a note of each in* [*Power Supplies*](http://www.pedalsnake.com/page.php?id=1115#powerSupply) *below.*

* **PedalSnake does not support:**
* *Speaker lines for “speaker line” talkboxes (yet).*
* [*DIN connectors*](http://www.pedalsnake.com/page.php?id=1115#DIN) *with 4-, 6-, or 8-pins (we only support 5 and 7 pins…7 is available on Custom PedalSnakes only)*
* *CAT-5 Ethernet (yet)*

**Other cords** None

**9. POWER SUPPLIES** (the part most folks need help with)

**While you don’t have to, we recommend that everyone use PedalSnake’s** [**Low Voltage Method**](http://www.pedalsnake.com/dev/page.php?id=1140#LowVoltageMethod)**,** which provides low-voltage power for your pedals thru PedalSnake. This is the only way to get to the magic “one cable” solution. The best way to do the Low Voltage Method is to use the [24V Method](https://www.pedalsnake.com/page.php?id=1176) with a [Strymon Ojai](https://www.strymon.net/products/ojai/) or [Ojai R30](https://www.strymon.net/products/ojai-r30/) power supply.

**If you adopt the** [**PedalSnake-Strymon 24V Method**](http://www.pedalsnake.com/page.php?id=1176)**, you really don’t need to fill out this section**. Just say:

I want to use the 24V Method.

This is the absolute best and easiest method for powering pedals. All you need is a Strymon Ojai and/or Ojai R30 power supply, and our [MM1-24V P-Line Kit](https://www.pedalsnake.com/osCommerce/catalog/product_info.php?cPath=35&products_id=76&) to configure a BaseSnake channel. All isolation and regulation will be taken care of on your pedalboard, with no noisy AC power cord anywhere near your pedals.

**If you choose to use a board-mounted power supply, and run a 120VAC power cord** out to your pedals in addition to PedalSnake, then:

1. **You can say below “For now, I will be using a board-mounted supply”.**
2. **Then skip the rest of this section.**

If you opt for the *Low Voltage Method* and the “one cable” solution, we need to know how you currently power your pedals (and any other Frontline Gear). Your PedalSnake system will preserve this power scheme as much as possible.

Each powered item listed below should also be listed under **Frontline Gear** (Section 4 above).

First, we need to know which pedals that CAN take a “9V battery” inside.

1. **Please let each power supply that powers 9V battery pedals, AND which 9V battery pedals each power supply powers.**

* *We need to see how you power your “9V battery” pedals, because they draw very little current, and several can be power-chained to one power supply. We will tell you the best way to keep using the power supplies you have with PedalSnake.*
* *If you must use an actual 9V battery for a pedal, just tell us which one and why.*

1. **For each power supply, include the following from the power supply label:**
   * the power supply model
   * output voltage (should be “9VDC”, or close)
   * output current rating (in mA)

Example:

Fulltone FPS-1, 9VDC, 200mA: Boss TU-2, Fulltone Fulldrive 2

Boss PSA-120, 9VDC, 200mA: Boss CE -2, DD-3

1. **If you want to use our SnakePOWER supply for all your 9V pedals, add “I want to use SnakePOWER” here.** It can help because it is rated 500mA, and can power a dozen or more 9V pedals thru a single P-Line.

I want to use SnakePOWER.

1. **List any power supplies used to power pedals that can NOT be powered by a 9V battery.**

These usually come with their own power supply.

1. **For each power supply, list the following from the power supply label:**
   * the power supply model
   * output voltage (like “9VDC” or “12VAC”)
   * current rating (in mA or A)
2. **If you can find it, tell us the power connector size** (2.1mm is “Boss” standard).See [Power Plug Sizes](http://www.pedalsnake.com/page.php?id=50#plugSizes).
3. **Then list the pedal(s)** you power with this supply.

Example:

Line 6 M13 PX2 9VAC 2000mA (2A) 2.5mm

1. **Do you have any power plugs that aren’t standard “Boss” (2.1mm)?** If so, please list their sizes. For help, see [Power Plug Sizes](http://www.pedalsnake.com/page.php?id=50#plugSizes).
2. **If a pedal requires 120VAC** power (“wall” power), just say:

[pedal model], 120VAC powered

**Finish by** [Emailing](mailto:sales2@pedalsnake.com?subject=My%20Rig%20Questionnaire)your completed Questionnaire back to us at [sales2@pedalsnake.com](mailto:sales2@pedalsnake.com)

**FYI…the PedalSnake products recommended for the example rig above were:**

[BASESNAKE](http://www.pedalsnake.com/osCommerce/catalog/index.php?cPath=22)

1 4M18 (or 4M24) 55.00 BaseSnake; 4 channels, 18 feet

[G-LINES](http://www.pedalsnake.com/osCommerce/catalog/index.php?cPath=21_23)

1 RS1 15.00 Single G-Line 2-Pack; 1 r/a, 1 straight

1 RS2 24.00 Dual G-Line 2-Pack; 2 r/a, 2 straight

[P-LINES](http://www.pedalsnake.com/osCommerce/catalog/index.php?cPath=35)

1 MF1-H 17.00 Single P-Line 2-Pack; 1 male, 1 female

1 MM1 15.00 Single P-Line 2-Pack; 1 male, 1 male

[VARI-CHAIN SYSTEM](http://www.pedalsnake.com/osCommerce/catalog/index.php?cPath=27_33) for 4 9VDC pedals

1 Daisy2R 8.00 2x Power Chain Cable

1 Daisy3R 10.00 3x Power Chain Cable

1 21RAA 5.00 2.1mm right angle adapter (for last plug of Vari-Chain to be r/a)

[POWER PLUG ADAPTERS FOR PEDALS](http://www.pedalsnake.com/osCommerce/catalog/index.php?cPath=27_31)

1 2125AR 5.00 2.5mm Power Plug Adapter for Line 6 pedal

[POWER PLUG ADAPTERS FOR SUPPLIES](http://www.pedalsnake.com/osCommerce/catalog/index.php?cPath=27_32)

1 2521A 5.00 2.5mm Power Plug Adapter for Line 6 power supply

[POWER SUPPLY](http://www.pedalsnake.com/osCommerce/catalog/index.php?cPath=27_34)

1 9D120 24.00 SnakePOWER supply, 9VDC, 500mA (for 4 9VDC pedals)

# End of Questionnaire