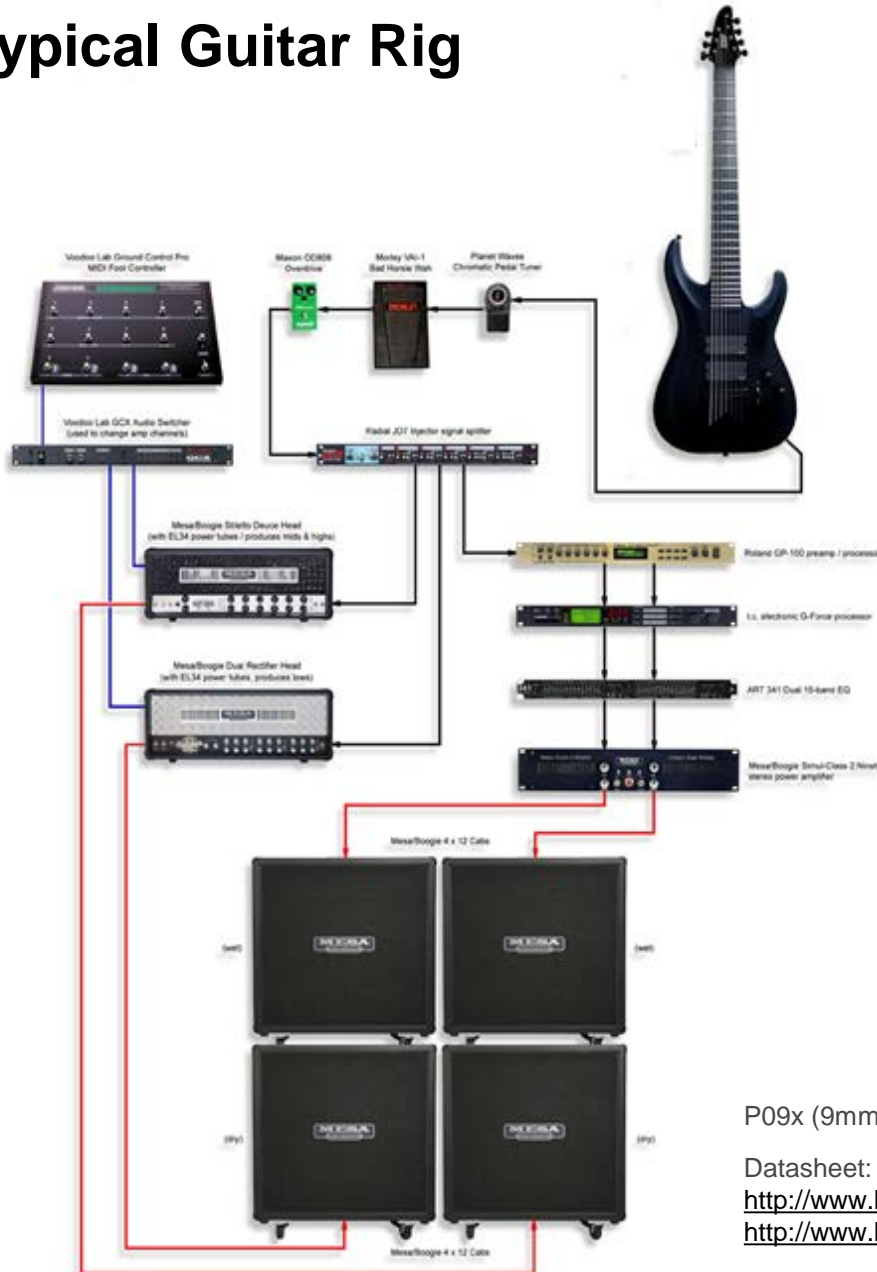


Typical Guitar Rig



Typical Equipment Includes:

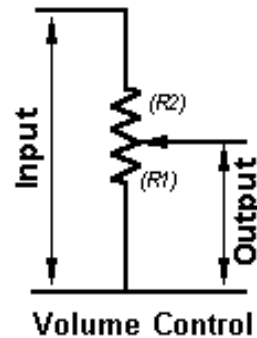
1. Guitar / Bass
2. Distortion Pedals
3. Wah Wah Pedal(s)
4. Volume Pedals
5. Pre-Amps / Compressors
6. Mixer Console
7. Amplifier

P09x (9mm) , P160 (16mm), P232 (24mm) Panel Potentiometers.

Datasheet: <http://www.bitechnologies.com/pdfs/p09x.pdf>
<http://www.bitechnologies.com/pdfs/p160.pdf>
<http://www.bitechnologies.com/pdfs/p232.pdf>

Amplifiers / Combo Boxes

Amplifiers will take the signal from the pre-amp and or processors and amplify the signal driving the speakers. Pots are used to control various settings such as volume.



Power Amplifier

High Power Amplifier

- Pots are used to control various settings such as volume and EQ.
- Encoders are used to provide digital input format for microprocessors.
- Pots can be customized with special brackets, terminals & electrical parameters



Product Info: P09x with custom mounting bracket and electrical angle

Datasheet: <http://www.bitechnologies.com/pdfs/p09x.pdf>

Pre-Amp Signal Packaging / Recording Studio Controls

Customer Requirement

High quality panel controls with professional tactile feel for signal shaping and elevation as well as tone through multiple controls.

Solution

P260 1/2" square rotary modular design pot with special rotational feel and low roll on/off resistance.

Core Competence

Mechanical rotational and screening expertise.



P260/261 Rotary Pot 1/2" square (P260P, P260S, P260D, P260T, P260L, P260R, P261P, P261S, P261D)

Datasheet: <http://www.bitechnologies.com/pdfs/p260.pdf>

Professional Grade DJ Equipment

Customer Requirement

Several light duty panel controls for use to control several settings on module such as volume, speaker balance, various effects and cross fade.

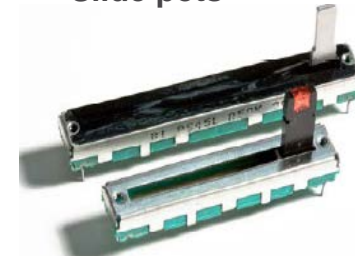
Solution

P110 and P09x series with custom tapers and detents as well PSxx series slide with custom actuation force / feel.

Core Competence

Mechanical packaging expertise
Conductive plastic ink

Slide pots



Rotary pots



P110 11mm Rotary Pot Insulated Shaft (P110KV, P110KV1, P110KH, P110KH1)

P090 9 mm Rotary Pot Insulated Shaft (P090L, P090S, P09xS/N, Po9x5N)

PSxxM/PSxxL – Slide Pot with no LED and/or dustcover

Datasheet: <http://www.bitechnologies.com/pdfs/p110.pdf>

<http://www.bitechnologies.com/pdfs/p09x.pdf>

http://www.bitechnologies.com/pdfs/PSxxL_PSxxM_DS.pdf

Stomp Box Distortion Pedals

Customer Requirement

Light duty use commercial panel controls to control volume, gain and morph on pedals.

Solution

P09xS/N Series with special shaft wobble, rotational torque and detents

Core Competence

Packaging technique and tactile / rotational feel.



P09xS/N 9mm Rotary Pot, Multi-ganged Side Adjust Pot

Datasheet: <http://www.bitechnologies.com/pdfs/p09x.pdf>

Electric Guitar Effects Pedals: Wah Wah Pedal

Customer Requirement

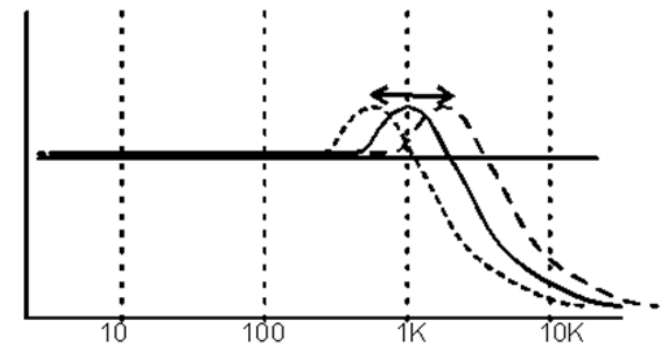
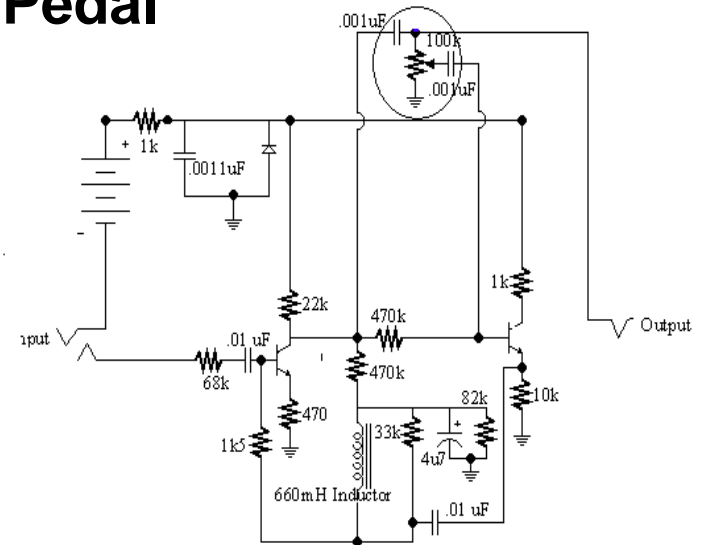
A low cost precision grade potentiometer for use in a band pass filter arrangement in which the sensor is used to move the peak resonant frequency which makes the distinct wah wah sound.

Solution

6187 low cost single turn with special rotational torque and custom S Taper.

Core Competence

Screening expertise



Electric Guitar Controls

Customer Requirement

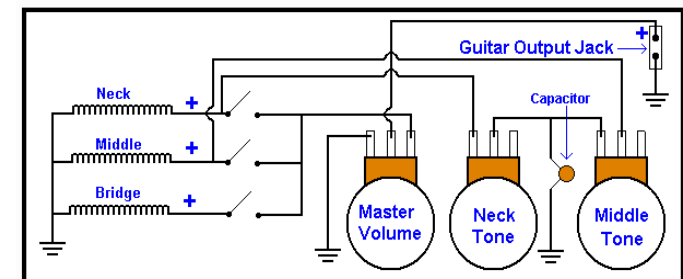
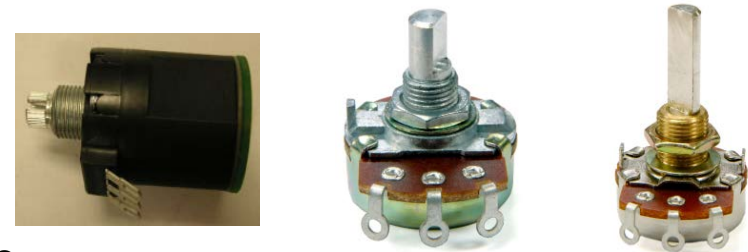
Special potentiometer controls with 4 pole double throw switch to allow for different pick up configuration selection as well as to control volume and tone.

Solution

Custom design base on P232 Series with extended housing, hollow shaft, switch configuration with spring return.

Core Competence

Special packaging in order to accommodate the integration of all required features.



Part Number: P232 Custom 24mm Rotary Panel Potentiometer

Datasheet: <http://www.bitechnologies.com/pdfs/p232.pdf>

Noise Attenuating Headsets & Communication System Controls

Customer Requirement

Channel, volume and speaker balance controls for headsets and communication systems.

Solution

P260 Modular ½" industrial panel controls

Core Competence

Conductive plastic ink technology

Sealed design with spec rotational torque



P260 Series - Industrial Grade Panel Potentiometer

Datasheet: <http://www.bitechnologies.com/pdfs/p260.pdf>