

*Six*  
MA1S  
Booster - Overdrive - Distortion

We were extremely lucky to find 200 NOS Panasonic MA856 diodes in an old warehouse here in Greece, which is crazy considering how few and far between they are nowadays. With a few of these "unicorns" in our possession, we couldn't help but immediately try them on our SIX BOD circuit. And boy, did they do the trick...

These special diodes are found in Analogman's King Of Tone (KOT)™ and are known to deliver a profoundly organic tone and feel. Incorporating them in the award-winning SIX BOD circuit, resulted into what we believe to be the ultimate Overdrive-Distortion pedal!

We created six different modes select-able by a 6 position rotary switch:

1. **Booster (BS)**: Clean boost that easily breaks up at higher settings. [No diodes]
2. **Overdrive 1 (OD1)**: Smooth overdrive with apparent mids. [NOS Panasonic MA856 diodes]
3. **Overdrive 2 (OD2)**: A more compressed and "creamy" version of OD1. [NOS Panasonic MA856 diodes]
4. **Distortion 1 (DS1)**: Naturally responsive amp-like distortion. [Toshiba 1S1588 diodes]
5. **Distortion 2 (DS2)**: DS1 with added bite and sustain. [Toshiba 1S1588 diodes]
6. **Overdrive 1 into Distortion 2 (OD1 + DS2)**: Chunky dirt tone with unique attitude. [NOS Panasonic MA856 & Toshiba 1S1588 diodes]

The Six MA1S is powered by a 9V supply (center-), and features an advanced internal power supply with voltage doubler. There is a voltage switch that allows you to select between 9V or 18V, even though you'll always be using an external 9V supplier. Just like with tube amps, increasing the voltage means more headroom. At 18V, the pedal behaves more like an amplifier with tons of headroom and a slight difference in the Overdrive and Distortion modes, which tend to have more clarity. At 9V it sounds "dirtier" even at lower volume and in Booster mode it starts to break up more easily.

**Controls:**

- **GAIN**: Adjusts the amount of gain.
- **HIGH**: Controls the high frequencies.
- **MOOD**: An overall tone control.
- **VOLUME**: Controls the overall volume.
- **6 Position Rotary Switch**: Select between the 6 modes of the pedal.
- **18V/9V Toggle Switch**: Select between 18V and 9V.

**Notes:**

- **Cap-less technology®**: Capacitor-free audio path (coupling capacitors).
- There is a slight difference in volume between modes.
- Possible instantaneous click sound while engaging/disengaging the pedal is perfectly normal.

**Specs:**

- Handmade in Athens, Greece
- True Bypass
- 6 modes select-able by a rotary switch
- 4 x NOS Panasonic MA856 diodes
- 6 x Toshiba 1S1588 diodes
- Toggle switch for 9V – 18V
- 1 Heavy Duty On/Off foot-switch
- Power supply: regulated 9V (center -)
- Max power consumption: 10mA @ 9V DC
- Heavy duty & light weight aluminum box
- Dimensions: 60mm (Width) x 112mm (Length) x 50mm (Height)

**"Each Tsakalis AudioWorks product comes with a limited life time warranty"**

*Live & Breathe Tone...*

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