



M-120 auto Q

Congratulations on the purchase of your new **M-120 MXR Auto Q** stomp box! MXR effects have been favored by professional guitarists for decades. While other effects have come and gone, MXR's keep getting the job done ... with bulletproof construction, quiet, reliable switching and tasteful, musically inspired tone shaping.

DESCRIPTION

- Effect triggers equally at **all** playing volumes, by adjusting sensitivity automatically.
- More adjustable tone parameters than any other auto-wah!
- Bonus "shimmer" effect, adjustable for Rate, Blend & Decay.

POWER

MXR M-120 Auto Q uses one 9-volt battery. The battery access is through the bottom of the pedal. The Auto Q uses the Dunlop ECB03 Adapter (ECB03E for Europe), a 9-volt DC regulated AC adapter. Plug polarity is positive on the barrel and negative in the center. **Note:** Battery must be installed to operate the Auto Q unless an AC adapter is used.



CONTROLS

- A** Footswitch toggles effect on/bypass (red LED indicates on).
- B** 3-way Band Switch selects favored frequency range of effect.
- C** Range Knob controls frequency floor of effect.
- D** Volume Knob controls overall effect volume (inactive in bypass mode).
- E** Decay Knob controls dropoff decay of wah effect.
- F** The "Q" Knob adjusts the intensity of the wah effect.
- G** Blend Knob controls mix between wah and shimmer.
- H** Rate Knob controls the speed of the shimmer effect.

DIRECTIONS

To set up the MXR M-120 Auto Q, plug your instrument into the Input jack and your amplifier into the Output jack. Be sure the **Footswitch** is in the Off position (red LED off), or Bypass mode. Set all knobs except Blend to their straight up, or 12 o'clock positions, and set the **Blend Knob** all the way off (counterclockwise). Set the **Band Switch** to the Mid setting. Then turn the effect on with the **Footswitch** (red LED on). Play some notes while switching the effect on and off, adjusting the **Volume Knob** until the volume is approximately equal in both modes. This is a good starting point for volume; though you may want to readjust volume after making other settings.

Toggle the **Band Switch** between the Lo, Mid and Hi settings to select the frequency range favored by the effect. Then adjust the **Range Knob** to select the frequency floor, or how low the effect should go. Play both single notes and chords to hear how your sound is affected.

The **"Q" Knob** adjusts the intensity of the wah effect by adjusting the peak of the wah filter. The higher and narrower the peak goes ("Q" knob clockwise), the more intense the wah effect sounds. The **Volume Knob** is interactive with other controls, so that you may want to readjust it after each new tone setting. The only other knob that impacts the wah effect is **Decay**; when the **Blend Knob** is all the way off (counterclockwise), the **Decay Knob** controls only the dropoff of the wah effect.

The final two knobs, **Rate** and **Blend**, control the "variable shimmer" effect that is unique to the Auto Q. Turn the **Blend Knob** up to introduce the shimmer effect and control which effect is more dominant, the auto wah (counterclockwise) or shimmer (clockwise). Straight up mixes both effects equally. Adjust the **Rate Knob** for the desired speed of the shimmer effect.

When the shimmer effect is blended in, the **Decay Knob** controls not only the dropoff of the wah, but also the transition from wah to shimmer. You can start a note with wah, and end it with a shimmering flourish for sounds you can't get anywhere else!

SAMPLE SETTINGS

To help you get started using your M-120 MXR Auto Q stomp box, we've provided a roadmap of knobs and switch settings used by top artists. You're set to play with any of these settings or find your favorite and experiment from there.



LYLE WORKMAN / BECK
"WOW SHIMMER"



LYLE WORKMAN / BECK
"PHAT PHUNK"



DEAN PLEASANTS / SUICIDAL TENDENCIES
"HEAVY FUNKIFY"



DAMON JOHNSON
"RHYTHM COMP"



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