

# CASSETTE644



Welcome to the user manual for HoRNet Cassette644, an exceptional plugin designed to emulate the nostalgic charm and vintage character of an old 4-track audio cassette multitrack recorder. This iconic piece of recording equipment was widely used in the past to capture music with a distinctive warmth and lo-fi quality. With HoRNet Cassette644, you can now infuse your digital recordings with the same delightful analog goodness, bringing back the essence of a bygone era.





## Three-Band Semi-Parametric EQ:

The EQ module offers precise control over the audio frequencies:

### High Shelf:

Adjust the high-frequency content using the +/- 15dB gain control, shaping the brilliance and sparkle.

### Mid Band:

Fine-tune the midrange frequencies (250Hz to 5000Hz) with the gain control (+/- 15dB) for clarity and presence.

### Low Shelf:

Sculpt the low-frequency response, enhancing or reducing bass elements with the +/- 15dB gain control.

### Enable/Disable EQ Module:

Easily enable or disable the EQ module to compare the sound before and after EQ processing, allowing you to make informed decisions about the

desired tonal shaping.

### **Hiss Emulation:**

Emulate the characteristic tape hiss associated with the original hardware unit, adding a touch of vintage authenticity. The hiss emulation can be toggled on or off according to your preference.

### **Cassette Emulation:**

Replicate the sonic characteristics of three different cassette types:

#### **Type I (Normal):**

Experience the warmth and subtle saturation of a standard cassette.

#### **Type II (Chrome):**

Embrace the enhanced frequency response and improved signal-to-noise ratio of chrome cassettes.

#### **Type IV (Metal):**

Indulge in the highest fidelity and dynamic range of metal cassette tapes.

### **Speed Control:**

Adjust the speed setting to simulate the variations of the original hardware unit:

- Slow: Delve into the nostalgic tape warble and extended sustain of slower tape speeds.
- Fast: Experience the crisp transients and tighter sound associated with faster tape speeds.

### **Cassette Hiss Emulation:**

Tailor the amount of tape hiss introduced by the cassette emulation, adding authenticity to your recordings. Disable this feature if you desire a cleaner, noise-free sound.

## Other settings:

### **Routing Options:**

Choose between two routing options to determine the signal flow:

- EQ > Cassette: Pass the audio through the EQ module before entering the cassette emulation stage.
- Cassette > EQ: Apply the cassette emulation first and then process the audio with the EQ module.

### **Oversampling:**

Enhance audio quality by enabling oversampling with up to 4x sampling rate. The "Auto" setting adjusts the oversampling based on your DAW's sample rate for optimal performance.

### **Link Function:**

Activate the "Link" switch to establish synchronization among multiple plugin instances. This ensures consistent cassette type, speed, hiss emulation, oversampling, and enable/disable settings across all instances. Emulate a real multitrack recorder experience seamlessly.

### **Input and Output Level Controls:**

Adjust the input and output levels using the -30dB to +30dB range. Linking the controls maintains balanced gain staging, so increasing the input gain decreases the output by the same amount, maintaining a consistent level.

### **Input and Output VU Meters:**

Keep a visual check on the input and output levels with classic-style VU meters, reminiscent of the vintage hardware recorder.

### **Automatic Light and Dark Mode Interface:**

HoRNet Cassette644 supports automatic interface color switching between light and dark modes, based on your operating system settings. Enjoy a

visually pleasing experience that seamlessly integrates with your preferred system appearance.

---

HoRNet Cassette644 brings the nostalgic warmth, lo-fi aesthetics, and authentic tape characteristics of classic 4-track cassette multitrack recorders to your digital audio workstation. Harness the power of vintage analog emulation, shape your sound with the versatile EQ module, and explore the unique sonic possibilities of cassette emulation and speed variations. The intuitive interface and carefully crafted features make it a powerful tool for adding character and vibe to your productions. Get ready to embrace the unmistakable charm of cassette-based recording with HoRNet Cassette644!