

# Depth & Perspective Redefined



## M350 EFFECT | REVERB PROCESSOR

### TC Reverbs & Effects with seamless DAW integration

With the AU/VST compatible software editor, M350 offers seamless control and editing integration with your favorite DAW system. Through the included editor, parameters and preset recalls may be fully automated or real-time controlled at your convenience. In addition to the perfect studio fit, M350 features a front panel user interface that is optimized for speedy operation, giving you total and easy control during live performances. The effects libraries of the two engines count 15 high quality stereo TC reverbs and 15 legendary and sparkling TC effects. The effects combinations of the two engines are endless, and the dual input mode even allows individual input and utilization of the two effects engines.

### Hands-on design with helpful auto sensing

You have direct and easy access to all important parameters and a simple yet highly effective preset display gives you instant overview of your current selection. The M350 comes with TC quality converters and processing, and a digital auto sensing feature ensures seamless integration with digital inputs, and there's even an internal auto sensing power supply that eradicates the need for clumsy wallwarts. MIDI, clock tempo sync, global bypass and tap tempo pedal control are just a few of the many features you get with this dual engine processor.

### Features

- ▶ Full DAW integration through VST/AU compatible editor
- ▶ 15 true and stunning stereo reverbs
- ▶ 15 legendary effects
- ▶ 5 seconds of delay
- ▶ 256 multi-effect/reverb presets + 99 user preset locations, a total of 355 presets
- ▶ Internal power supply - no wall wart !
- ▶ Dual send/return & serial style setups
- ▶ Auto-sensing 24 bit S/PDIF digital I/O
- ▶ 24 bit A/D-D/A converters
- ▶ 24 bit internal processing
- ▶ Preset display
- ▶ Tap tempo
- ▶ MIDI I/O
- ▶ MIDI clock tempo sync



*With the included software editor, parameters and preset recalls may be fully automated or real-time controlled.*

## TC Quality Reverbs

TC Classic Hall ▶ Cathedral ▶ Vocal Reverb ▶ Live Vocal ▶  
Hall Acoustic ▶ Drum Ambience ▶ Drum Room ▶ Ambience ▶  
Living Room ▶ Nearfield ▶ Damped Room ▶ Silver Plate ▶  
Gold Plate ▶ Spring Vintage ▶ Live Stage

## Legendary TC Effects

Comp. ▶ Hard Comp. ▶ De-Esser ▶ Smooth Chorus ▶ Lush  
Chorus ▶ Inst. Flanger ▶ Tremolo ▶ Vintage Phaser ▶ Smooth  
Phaser ▶ Delay Slapback ▶ Delay Pingpong ▶ Soft Delay ▶  
Triplets Delay ▶ Studio Delay ▶ Dynamic Delay

# M350

EFFECT | REVERB PROCESSOR



Routing Switch

Balanced Jack  
Analog  
Inputs

Balanced Jack  
Analog  
Outputs

Auto-sensing  
Digital In & Out  
@ 44.1 & 48  
kHz

MIDI  
In/Out

Pedal  
Input

Power Input 100 - 240V  
(Internal Power Supply  
No Wall-wart)

## Technical specifications:

### Digital Input and Output

Connector: RCA Phono (S/PDIF)  
Formats: S/PDIF (24 bit), EIAJ CP-340, IEC 958  
Sample Rates: 44.1 kHz. (48 kHz only @ Digital Input)  
Processing Delay: 0.08 ms @ 48 kHz  
Frequency Response DIO: DC to 23.9 kHz  $\pm$  0.01 dB @ 48 kHz

### Analog Inputs

Connectors: 1/4" phone jack, mono sense  
Impedance, Bal / Unbal: 21 kOhm / 13 kOhm  
Max./Min. Input Level @ 0 dBFS: +24 dBu / 0 dBu  
Sensitivity Range @ 12 dB headroom: -12 dBu to +12 dBu  
A to D Conversion: 24 bit, 128 x oversampling bitstream  
A to D Delay: 0.70 ms / 0.65 ms @ 44.1 kHz / 48 kHz  
Dynamic Range: typ < -92 dB, 22 Hz to 22 kHz  
THD: typ < -90 dB (0.0032 %) @ 1 kHz, -1 dBFS  
Frequency Response: +0/-0.1 dB, 20 Hz to 20 kHz  
Crosstalk: typ < -100 dB, 20 Hz to 20 kHz

### Analog Outputs

Connectors: 1/4" phone jack  
Impedance Bal / Unbal: 40 Ohm / 20 Ohm  
Max. Output Level: +14 dBu  
D to A Conversion: 24 bit, 128 x oversampling bitstream  
D to A Delay: 0.68 ms / 0.63 ms @ 44.1 kHz / 48 kHz  
Dynamic Range: typ < -105 dB typ, 22 Hz to 22 kHz  
THD: typ < -97 dB (0.0014 %) @ 1 kHz, +13 dBu  
Frequency Response: +0/-0.5 dB, 20 Hz to 20 kHz  
Crosstalk: typ < -100 dB, 20 Hz to 20 kHz

### EMC

Complies with: EN 55103-1 and EN 55103-2  
FCC part 15, Class B, CISPR 22,  
Class B

### Safety

Certified to: IEC 65, EN 60065, UL6500 and CSA  
E60065, CSA FILE #LR108093

### Environment

Operating Temperature: 32° F to 122° F (0° C to 50° C)  
Storage Temperature: -22° F to 167° F (-30° C to 70° C)  
Humidity: Max. 90 % non-condensing

### Control Interface

MIDI: In/Out: 5 Pin DIN  
Pedal: 1/4" phone jack

### General

Finish: Anodized aluminum front  
Plated and painted steel chassis

Display: 2 x 7 segment + LED's  
Dimensions: 19" x 1.75" x 4.2"  
(483 x 44 x 105.6 mm)  
Weight: 3.3 lb. (1.5 kg)  
Mains Voltage: 100 to 240 VAC, 50 to 60 Hz  
(auto-select)  
Power Consumption: <15 W  
Warranty Parts and labor: 1 year

**Note:** Due to continuous development and standardization all specifications are subject to change without notice

**t.c. electronic**  
ULTIMATE SOUND MACHINES

TC ELECTRONIC A/S DENMARK ▶ ☎ +45 8742 7000 ▶ [FAX] +45 8742 7010  
TC ELECTRONIC INC USA ▶ ☎ (818) 665 4900 ▶ [FAX] (818) 665 4901 ▶ INFO@TCELECTRONIC.COM  
[WWW.TCELECTRONIC.COM](http://WWW.TCELECTRONIC.COM)