Nova
- Your tone is everything

Built upon the legacy and knowledge of TC's world-renowned TC 2290 Dynamic Digital Delay and legendary reverb processors the release of the Nova pedals raises the bar for guitar effect pedals and redefines what it means to be "state-of-the-art". The ND-1 Nova Delay and NR-1 Nova Reverb offer uncompromised studio quality digital effects in a compact floor-based design.

Your tone is everything. TC knows you have numerous choices when considering effects that will capture and enhance the sounds that are in your head. Many manufacturers offer digital delay and reverb solutions, but none can compare with the overall performance and tonal quality of TC's Nova series.

ND-1 Nova Delay

The ND-1 Nova Delay pedal features 6 different delay types: Delay line, dynamic, reverse, ping-pong, pan and slap-back and each of these types can be combined with a delay style ranging from vintage tape to modern digital delay. This unique feature allows you to mix and match your delay type and style to create unique sounds.

The Nova Delay has two settings: Manual, which represents the current position of the knobs and Preset, which is a stored sound that can be recalled at any time.

Both single delay and dual delay lines can be applied to any type and style using the tap tempo switch or delay time knob to determine the speed of the delay. Three different types of modulation (light, medium and heavy) can be applied to any of the delay types – a feature originating from the legendary TC 2290 Dynamic Digital Delay processor.

The all-new Audio Tapping™ technology enables you to set the tempo of the delay by playing a rhythm into the pedal while holding down the tap tempo switch. You can now set the tempo of the delay using your most important asset: Your
playing.

Other great Nova Delay features include the ability to choose between ms (millisecond) and bpm (beats per minute) readout, decide if you want spillover on none, one or both settings and turn global tempo – where tap tempo determines the delay time on both settings - on and off.

Features

- 6 studio quality digital delay types
- Two switchable settings: manual and preset
- Audio Tapping™ - audio-generated tap tempo
- Modulated delay
- Delay spillover

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NR-1 Nova Reverb

The NR-1 Nova Reverb features 5 different reverb types: room, spring, hall, plate and specials. Choose between anything from the warm vintage sounding Classic Spring to the pristine and stunningly realistic TC Classic Hall or any setting in between.

The Nova Reverb has two settings selectable via the two footswitches: Manual, which represents the current position of the knobs and Preset, which is a stored sound that can be recalled at any time.

The Nova Reverb also has a unique new feature called DynaMix™. DynaMix™ acts as a dynamic ducking effect that turns down the reverb while you're playing and turns it back up again when you're not playing. This prevents the sound from getting muddy – especially when using large hall reverb types – but will still give you that huge live venue effect while the notes decay. The DynaMix™ effect can also be reversed, so the reverb is turned up while playing and gated when the input signal falls below a certain level, producing a truly unique and out-of-this-world effect.

Features

- 5 studio quality digital stereo reverb types
- Two switchable settings: manual and preset
- DynaMix™ - dynamic ducking reverb

Technical Specifications

Analog Inputs

Connectors	1/4" phone jacks w. monosense
Impedance	1 MOhm
Max. Input Level	TBD dBu
A to D Conversion	24 bit, 128 x oversampling bitstream
A to D Delay	TBD
Dynamic Range	105 dB typ, 20 Hz - 20 kHz
THD	typ. < 92 dB (0,0025 %) @ 1 kHz
Frequency Response	+0/-0.1 dB @ 48 kHz, 20 Hz to 20 kHz
Crosstalk	<-95 dB, 20 Hz to 20 kHz

Analog Outputs

Connectors	1/4" phone jack, balanced
Impedance Balanced / Unbalanced	40 Ohm
Max. Output Level	TBD dBu
D to A Conversion	24 bit, 128 x oversampling bitstream
D to A Delay	TBD
Dynamic Range	105 dB typ, 20 Hz to 20 kHz
THD	typ <-94 dB (0.002 %) @ 1 kHz, +20 dBu Output
Frequency Response	+0/-0.5 dB @ 48 kHz, 20 Hz to 20 kHz
Crosstalk	<-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

Enviroment

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

General

Finish	Anodized aluminum front Plated and painted steel
endcaps	
Dimensions	12,5x12,5 cm
Mains Voltage	100 to 240 VAC, 50 to 60 Hz (auto-select) AC
wall adapter	
Power Consumption	<5 W
Warranty Parts and labor	1 year

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

April'07, Item No: 613000511

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