

TONEX Pedal

by IK MULTIMEDIA

Quick Start Guide

USER INTERFACE

MODEL ENCODER

Press and rotate to change the TONE MODEL on the current PRESET

Hold to access BPM, PRESET and GLOBAL SETUPs

PRESET ENCODER

Rotate to browse PRESETs

Hold to save the current PRESET

Press to go back while browsing menus

PARAMETER ENCODER

Press to access the advanced parameters menu

Rotate to edit the advanced parameters

Hold to access the alternative parameters on the 5 main knobs. The **ALT** label appears under the display when active

Hold to go back to MAIN parameters

MAIN KNOBS

Rotate to edit the main parameters and the alternative parameters

FOOTSWITCHES & LEDS

Press to activate/bypass a preset
Hold to access the tap tempo/tuner mode.

Green LED: preset active and saved
Amber LED: preset active but not saved
Blinking LED: preset is bypassed

Press A+B to move a bank down
Press B+C to move a bank up



WORKFLOW



BROWSE TONE MODELS, AMPS AND CABS

Browse TONE MODELS:

1. Press the MODEL ENCODER to open the TONE MODEL menu
2. Rotate the MODEL ENCODER to browse Tone Models (combinations of stomps/amps and cabs)

Browse AMP MODELS:

1. Press the MODEL encoder to open the TONE MODEL menu
2. Press the MODEL encoder to enter the AMP/CAB selection
3. Press the MODEL encoder to open the AMP menu
4. Rotate the MODEL encoder to browse AMP MODELS

Browse CAB MODELS:

1. Press the MODEL encoder to open the TONE MODEL menu
2. Press the MODEL encoder to enter the AMP/CAB selection
3. Rotate the MODEL encoder once to select the CAB menu
4. Press the MODEL encoder to enter the CAB menu
5. Rotate the MODEL encoder to choose the CAB category (MODEL, VIR or IR)
6. Press the MODEL encoder to enter the chosen category
7. Rotate the MODEL encoder to browse CAB models

AMP and CAB MODELS are named after their TONE MODEL's name.

For further TONE MODEL information related to the real captured gear and preset management, you can use the librarian tab of the TONEX for Mac/PC application.

COLOR CODING

AMP: AMP TONE MODEL
AMP: STOMP + AMP TONE MODEL
AMP: STOMP TONE MODEL

CAB: CAB TONE MODEL
CAB: VIR CAB MODEL
CAB: IR CAB MODEL

CAB: CAB globally bypassed

AMP (off): AMP is bypassed
CAB (off): CAB is empty or bypassed

SAVE PRESETS

To save a preset:

1. Hold the PRESET encoder to access the SAVE mode
2. The first letter of the name starts blinking indicating the cursor position
3. Rotate the PRESET encoder to change character, rotate the MODEL encoder to move the cursor
4. Press the PRESET encoder to confirm the name
5. A location appears on screen indicating a number (bank) and a letter (slot)
6. Rotate the PRESET encoder to choose a different location
7. Press the PRESET encoder to confirm the location
8. SAVED appears on screen to confirm the saved preset

To quickly save a PRESET with the same name in the same location, press the MODEL and PRESET encoders simultaneously. The display shows SAVED to confirm the saved preset.

PARAMETERS

MAIN PARAMETERS

- **GAIN:** adjusts the Tone Model's gain
- **BASS:** adjusts the level of low frequencies (shelf)
- **MID:** adjusts the level of mid frequencies (bell)
- **TREBLE:** adjusts the level of high frequencies (shelf)
- **VOLUME:** adjusts the Tone Model's volume

ALTERNATIVE PARAMETERS

- **REVERB:** adjusts the reverb's mix
- **COMPRESSOR:** adjusts the compressor's threshold (with auto make up gain)
- **NOISE-GATE:** adjusts the noise-gate's threshold
- **PRESENCE:** adjusts the Tone Model's high-frequency content
- **DEPTH:** adjusts the Tone Model's low-frequency content

ADVANCED PARAMETERS

- **MODEL**
 - **MODEL.VOL:** adjusts the tone model's volume.
 - **MODEL.MIX:** adjusts the tone model's mix
- **GATE**
 - **POWER:** enables/disables the noise-gate
 - **RELEASE:** adjusts the noise-gate release
 - **DEPTH:** adjusts the noise-gate depth
 - **POSITION:** adjusts the noise-gate position as first in chain or after the amp
- **COMP**
 - **POWER:** enables/disables the compressor
 - **GAIN:** adjusts the compressor's make-up gain
 - **ATTACK:** adjusts the compressor's attack
 - **POSITION:** adjusts the compressor position before or after the amp
- **EQ**
 - **BASS HZ:** adjusts the bass-band frequency
 - **MID Q:** adjusts the mid-band Q factor
 - **MID HZ:** adjusts the mid-band frequency
 - **TRBLE HZ:** adjusts the high-band frequency
 - **POSITION:** adjusts the eq position before or after the amp
- **VIR**
 - **RESO:** adjusts the resonance of the cabinet
 - **MIC 1:** sets the mic 1 type
 - **MIC 1 X:** adjust the mic 1 horizontal position
 - **MIC 1 Z:** adjusts the mic 1 distance
 - **MIC 2:** sets the mic 2 type
 - **MIC 2 X:** adjusts the mic 2 horizontal position
 - **MIC 2 Z:** adjusts the mic 2 distance
 - **BLEND:** adjusts the balance between the two microphones
- **MOD**
 - **POWER:** enables/disables the modulation
 - **TYPE:** sets the modulation type among CHORUS, TREMOLO, PHASER, FLANGER and ROTARY.
 - **POSITION:** adjusts the modulation position before or after the amp.
 - When TYPE is set to CHORUS
 - **SYNC:** syncs the chorus with the set BPM
 - **RATE:** adjusts the chorus rate

- **DEPTH:** adjusts the chorus depth
- **LEVEL:** adjusts the chorus level
- When TYPE is set to TREMOLO
 - **SYNC:** syncs the tremolo with the set BPM
 - **RATE:** adjusts the tremolo rate
 - **SHAPE:** adjusts the tremolo shape from triangle to square
 - **SPREAD:** adjusts the tremolo stereo spread
 - **LEVEL:** adjusts the tremolo level
- When TYPE is set to PHASER
 - **SYNC:** syncs the phaser with the set BPM
 - **RATE:** adjusts the phaser rate
 - **DEPTH:** adjusts the phaser depth
 - **LEVEL:** adjusts the phaser level
- When TYPE is set to FLANGER
 - **SYNC:** syncs the flanger with the set BPM
 - **RATE:** adjusts the flanger rate
 - **DEPTH:** adjusts the flanger depth
 - **FEEDBACK:** adjusts the flanger feedback
 - **LEVEL:** adjusts the flanger level
- When TYPE is set to ROTARY
 - **SYNC:** syncs the rotary with the set BPM
 - **SPEED:** adjusts the rotary rate
 - **RADIUS:** adjusts the rotary radius
 - **SPREAD:** adjusts the rotary microphone spread
 - **LEVEL:** adjusts the rotary level
- **DELAY**
 - **POWER:** enables/disables the delay
 - **TYPE:** sets the delay type among (all types feature the same parameters, but the parameters are independent for each type): DIGITAL and TAPE. Both types feature the same parameters, but the parameters are independent for each type.
 - **POSITION:** adjusts the delay position before or after the amp.
 - **SYNC:** syncs the delay with the set BPM
 - **TIME:** adjusts the delay time
 - **FEEDBACK:** adjusts the delay feedback
 - **MODE:** adjusts the delay mode between normal and ping pong
 - **MIX:** adjusts the delay mix
- **REVERB**
 - **POWER**
 - **TYPE:** sets the reverb type among (all types feature the same parameters, but the parameters are independent for each type): SPRING 1, SPRING 2, SPRING 3, SPRING 4, ROOM and PLATE
 - **POSITION:** sets the reverb position as last in chain or after the amp
 - **TIME:** adjusts the reverb time
 - **PRE.DELAY:** adjusts the reverb pre-delay
 - **COLOR:** adjusts the reverb tone
 - **MIX:** adjusts the reverb mix

The UNDERLINED parameters are available in ADVANCED USERMODE selectable in the GLOBAL SETUP.

SETUP

BPM SETUP

- **BPM:** sets the BPM tempo from 40.0 BPM to 240.0 BPM to sync time effects modules with the sync parameter set to on. This parameter is also set by the tap tempo function.
- **MODE**
 - GLOBAL: the BPM affects all presets.
 - PRESET: the BPM affects only the current preset. Each preset has its own BPM.

PRESET SETUP

- **EXT. CTRL:** enables/disables the external control pedal
- **EXT. LEARN:** sets/removes a parameter's assignment to the external pedal
- **AMP:** enables/bypasses the Tone Model's amp in the selected preset
- **CAB:** enables/bypasses the Tone Model's cab in the selected preset

GLOBAL SETUP

- **VOLUME**
 - TRIM IN: adjusts the input level of your instrument.
 - MAIN VOL: adjusts TONEX's analog master volume, both active and bypass
 - INTERFACE VOL: adjusts TONEX's interface master volume
- **EXT.CTRL**
 - **TYPE** – external control type
 - TRS EXP: TRS expression pedal
 - RTS EXP: RTS expression pedal
 - N.O. SWITCH: Normally Open single switch pedal
 - N.C. SWITCH: Normally Closed single switch pedal
 - N.O. DUAL SWITCH: Normally Open double switch pedal
 - N.C. DUAL SWITCH: Normally Closed double switch pedal
 - **SINGLE SWITCH MODE** – sets the external single switch pedal functionality
 - MACRO: controls macros.
 - TAP.TEMPO: sets the BPM tempo by tapping.
 - TUNER: sets the single switch to access the tuner.
 - **DUAL SWITCH MODE** – sets the external dual switch pedal functionality
 - PRESET: press the two switches to move preset up or preset down.
 - BANK: use the double switch pedal to move bank up or bank down.
 - TUNE TAP: use switch 1 to access the tuner and switch 2 as tap tempo.
 - **EXP.CALIB** – Expression pedal calibration: starts the process of calibrating an expression pedal.
- **MIDI**
 - **MIDI CH:** sets the MIDI channel on which the pedal operates. 1 - 16
 - **MIDI.THRU:** the preferred MIDI functionality for the MIDI through.
 - OFF: no MIDI signals are sent to TONEX's MIDI outputs.
 - THRU: input MIDI signals are sent to the MIDI output.
 - MERGE: MIDI arriving to the TONEX MIDI inputs, and the MIDI signals generated by TONEX itself are merged and sent to the TONEX's MIDI outputs (both USB and MIDI connector).
 - **CLOCK** – MIDI Clock mode
 - OFF: the device does not listen to any incoming MIDI clock and it does not generate any MIDI clock.
 - MASTER: the BPM is set internally and used to set any MIDI clock of any connected MIDI device via USB MIDI or 5-pin MIDI. Any external MIDI clock message is ignored.

- SLAVE DIN: the BPM is set by an external MIDI clock received via USB. Any internal MIDI clock message is ignored. The tap tempo LED blinks in time with the incoming tempo.
- SLAVE USB: the BPM is set by an external MIDI clock received via 5-pin connection. Any internal MIDI clock message is ignored. The tap tempo LED blinks in time with the incoming tempo.

When the device is set to SLAVE any BPM editing (tap tempo or via encoder) automatically changes its MIDI clock to OFF.

TUNER

- **MODE** – sets the tuner's behavior:
 - MUTE: the output gets muted when the tuner is active
 - THRU: the audio passes thru while the tuner is active
 - OFF: the tuner is disabled and not accessible
- **A REF:** sets the tuning reference

GENERAL

- **NAMING** – preset naming format
 - NAME: just name
 - PC+NAME: program change and name
 - BNK+NAME: bank and name
- **SWITCH** – footswitches behavior
 - RELEASE: preset gets loaded when switch is released, bank browsing is enabled
 - PRESS: preset gets loaded when switch is pressed, bank browsing is disabled.
- **CAB** – global cabinet bypass
 - ACTIVE: the preset's cabinets are enabled
 - BYPASS: disables all cabinets in all presets.
- **USERMODE**
 - EASY: shows only essential controls under the parameter menu
 - ADVANCED: show the full list of controls under the parameter menu
- **BYP.MODE**
 - ENABLED: presets can be bypassed
 - DISABLED: presets cannot be bypassed
- **OPERATION MODE**
 - LIVE: the most common way to use the pedal in live situations
 - INTERFACE: the audio is recorded and monitored using a connected computer
- **USB OUT**
 - STEREO: the stereo processed signal is routed to USB OUT 1 and 2.
 - DUAL: the left processed signal is routed to USB OUT 1, the DI dry signal is routed to USB OUT 2
- **INFO:** displays the installed firmware version.
- **FACTORY:** performs a factory reset to all the global settings. Presets are left untouched.

LIBRARIAN

TONEX LIBRARIAN

Press the Librarian tab in the TONEX app to open the Librarian section.

The screenshot shows the TONEX Librarian interface. At the top, there are navigation tabs: Home, Modeler, and Librarian (which is selected). The main area is divided into two sections. The top section shows a table of tone models organized by bank (00, 01, 02). The bottom section shows a 'TONE MODEL LIST' with 1150 results, including details like name, character, and date added.

BANK	NAME	CHARACTER	STOMP BASED ON	AMP BASED ON	CAB BASED ON	PROGRAM CHANGE
00 BANK	A UK800	Hi-Gain		Marshall JCM 800	Marshall 1960BV	0 - 000
	B DMBL	Drive		Dumble Overdrive ...	Dumble Overdrive ...	0 - 001
	C SPRVRB	Clean		Fender Super Rev...	Fender Super Rev...	0 - 002
01 BANK	A 5051	Hi-Gain		Peavey 5150	Peavey 5150	0 - 003
	B PLEXI	Drive		Marshall JMP 100W	Marshall 1960BV	0 - 004
	C MKV	Clean		Mesa Boogie Mark...	Mesa Boogie 212	0 - 005
02 BANK	A SLO	Hi-Gain		Soldano SLO-100	Marshall 1960BV	0 - 006
	B UK800 B	Drive		Marshall JCM 800	Marshall 1960BV	0 - 007
	C TWIN	Clean		Fender Twin Reverb	Fender Twin Reverb	0 - 008

NAME	CHARACTER	STOMP BASED ON	AMP BASED ON	CAB BASED ON	DATE ADDED
Black Angus	Drive		Marshall JCM 800	Marshall 1960BV	2024-11-13
DeluxeClean	Drive		Fender Hot Rod Deluxe	Fender Hot Rod De...	2024-11-13
Distortion Boogie	Hi-Gain		Mesa Boogie Mark III	Mesa Boogie Mark III	2024-11-13
Slo Sustain	Drive		Soldano SLO-100	Marshall 1960BV	2024-11-13
Muddy Tweed	Drive		Fender '59 Bassman LTD	Fender '59 Bassma...	2024-11-13
This ROX	Hi-Gain		Fender Hot Rod DeVille 410	Fender Hot Rod De...	2024-11-13
Reality Shift	Clean		Ampeg SVT-VR	Ampeg SVT-810 AV	2024-11-13

PEDAL LIBRARY

The PEDAL LIBRARY is populated in real-time with the presets available on the connected TONEX pedal.

Drag & drop PRESETS or TONE MODELS from the COMPUTER LIBRARY into the PEDAL LIBRARY to transfer them to the TONEX pedal (TONE MODELS are automatically converted into PRESETS).

The selected preset in the PEDAL library is always selected on the TONEX pedal so that it can be easily monitored while using the device.

COMPUTER LIBRARY

The COMPUTER LIBRARY is populated with PRESETS and TONE MODELS available on your computer.

Drag & drop PRESETS from the PEDAL LIBRARY into the COMPUTER LIBRARY to transfer them to your computer.