

tc electronic®



PolyTune® Mini

USER'S MANUAL

Important Safety Instructions

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Only use attachments/accessories specified by the manufacturer.
- 10 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Warning!

- To reduce the risk of fire or electrical shock, do not expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.
- Do not install in a confined space.

Service

- All service must be performed by qualified personnel.

Caution:

You are cautioned that any change or modifications not expressly approved in this manual could void your authority to operate this equipment.

EMC/EMI

This equipment has been tested and found to comply with the limits for a Class B Digital device, pursuant to part 15 of the FCC rules.

These limits are designed to provide reasonable protection against harmful interference in residential installations. This equipment generates, uses and can radiate radio frequency energy and – if not installed and used in accordance with the instructions – may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception – which can be determined by turning the equipment off and on –, the user is encouraged to try correcting the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from the one to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

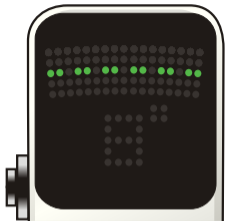
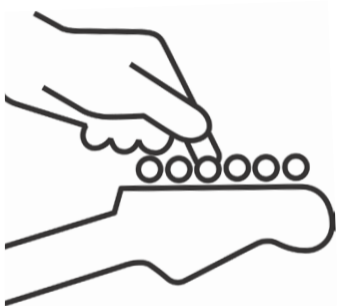
For the customers in Canada:

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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Introduction

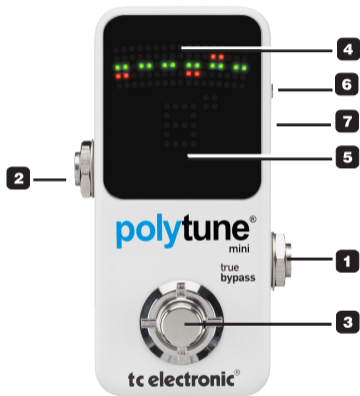
A tuner is a key and vital component on any serious guitar player's pedal board. However, for a pedal that does 'nothing' to your sound other than keep you in tune, you may find it irritating that a tuner takes up as much space as a regular effects pedal. Well that's now history! Though packed with features, PolyTune® Mini is ultra compact and takes up only a minimum of space on your board.

PolyTune® Mini is based on the same technology as the original PolyTune and just as its big-brother, features our polyphonic tuning technology. This allows you to see the tuning state of all strings simultaneously when strumming all open strings, whilst the display will automatically switch to regular chromatic mode when playing just a single string.

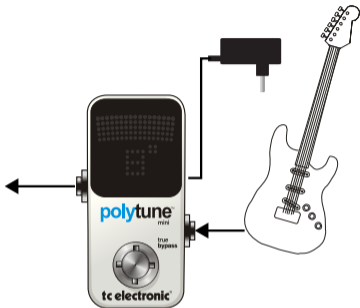
Check out the features we squeezed into the PolyTune® Mini:

- Ultra-small Footprint
- PolyTune – Tune All Strings Simultaneously
- +/- 0.5 Cent Tuning Accuracy
- True Bypass w/ Silent Tuning
- Super-bright LED Display
- Up to 5 Semitones Flat Tunings
- Drop-D and Capo Tuning

Congratulations on your purchase - now tune up and start playing!



- 1 - 1/4 inch mono jack input
- 2 - 1/4 inch mono jack output (true bypass)
- 3 - Tuner on/off (true bypass) + Drop D access
- 4 - Tuner display - Chromatic + Polymode
- 5 - Note indicator
- 6 - Drop Tuning & Capo mode access
- 7 - Power in (9 VDC)



Connecting

Input jack - connect your instrument here using a 1/4 inch mono jack cable.

Output jack - connect to another pedal or directly into an amp or mixer. When the tuner is active the output will be muted for silent tuning. Notice that PolyTune® Mini is designed with a true bypass circuit that leaves your beloved tone unaltered when the tuner is bypassed.

Power in - use a 9 VDC power supply with the following symbol: 



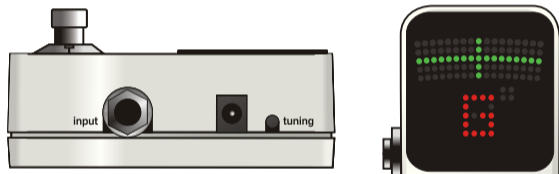
Place PolyTune® Mini before drive and distortion pedals for best tuner indication.

Tuning modes

PolyTune® Mini automatically selects between Polyphonic and Chromatic tuning modes. Play one string at a time to use Chromatic mode and play all strings to use Polyphonic mode.

Chromatic mode

Standard chromatic tuning of one string at a time.



Indication of current settings - When inserting a jack cable to the input, the pedal's status is displayed. Default settings are:

Standard Tuning (E,A,D,G, B, E) is indicated by: **STD**

Standard mode (no Dropped Tuning or Capo mode) is indicated by: **E**

Polyphonic mode

Yes this is a polyphonic tuner! PolyTune® Mini allows you to get an overview of the pitch of all strings on a guitar simultaneously. Simply strum all open strings firmly and evenly and you can see exactly which strings need fine tuning. It is your choice whether you prefer to fine-tune strings in Chromatic or Poly mode.



Guitar - out of tune



Guitar - in tune



For the most accurate tuning of electric guitars in Poly mode, we have found that the best result is achieved by selecting the guitar's neck pickup and using the thumb to strum the strings.

Dropped tuning & Capo mode

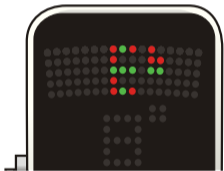
PolyTune® Mini easily adjusts to Dropped tunings and Capo modes. The range for Dropped mode is up to 5 semi tones and Capo mode allows you to PolyTune with a capo on frets 1 to 7.



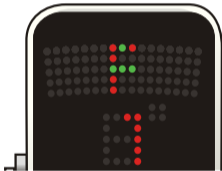
Press the TUNING button several times to switch between the modes.

Dropped modes: Eb, D, Db, C, B

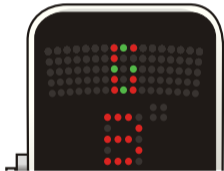
Capo modes: F 1, Gb 2, G 3, Ab 4, A 5, Bb 6, B 7



Example: Dropped mode "Eb"



Example: Capo mode "F1"
- capo in first fret



Example: Capo mode "G3"
- capo in third fret

Leave the button untouched for two seconds and the tuner then returns to tuning mode.

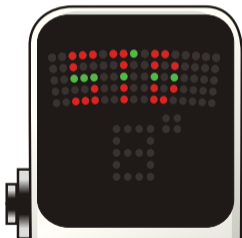
YES - Dropped tuning and Capo modes can be combined with "Drop D" mode

Drop D Tuning mode

This is the commonly used mode where you drop the low E-string to D. In this mode the strings the tune: D A D G B E. Switching between Drop D and Standard tuning mode is easy. Just press and hold the on/off switch for three seconds.

When entering Drop D mode the display briefly shows DROP D

When entering Standard mode the display briefly shows STD



Technical Specifications

Tuning Range:	A0 (27.5Hz) - C8 (4186 Hz)
Tuning Accuracy:	+/- 0.5 cent
Reference Pitch:	440 Hz
Input Impedance:	1 MOhm (pedal on)
Power Supply:	AC adapter (9V DC), - sold separately
Current Draw:	40 mA (typical use)
Dimensions (WxDxH):	51 mm x 93 mm x 45 mm
Weight:	160 g/5.4 oz
Included items:	2 pcs. rubber feet

Due to continuous development, these specifications are subject to change without notice

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