

TC-HELICON



# VoiceTone C1

USER'S MANUAL  
BEDIENUNGSANLEITUNG  
MANUAL DE INSTRUCCIONES  
MANUALE D'USO  
MODE D'EMPLOI  
ユーザーマニュアル

## 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.

### ¡Precaución!

- Para reducir el riesgo de incendios o descargas eléctricas, no permita que este aparato quede expuesto a salpicaduras y asegúrese de no colocar sobre él ningún objeto que contenga líquidos, como un jarrón, para evitar que se pueda derramar.
- No instale este aparato dentro de un espacio confinado, como encastrado en una librería.

### Reparaciones

- Cualquier reparación debe ser realizada únicamente por personal de un servicio técnico oficial.

### Atención:

Le advertimos que cualquier cambio o modificación que noarezca aprobada expresamente en este manual puede anular su autorización a utilizar este aparato.

A la hora de sustituir la pila, siga cuidadosamente las instrucciones sobre manejo de la misma que aparecen en este manual.

### Attention Danger!

- Pour éviter tout risque d'électrocution ou d'incendie, ne pas exposer cet appareil à quelque source liquide (gouttes d'eau, projections liquides, etc.) et veillez à ne poser aucun objet contenant un liquide sur l'appareil.
- Do not install in a confined space.

### Service

- Confiez toutes les opérations de maintenance à un personnel qualifié.

### Attenzione!

- Per ridurre il rischio di incendio o scossa elettrica, non esporre questo dispositivo allo sgocciolamento o agli schizzi di alcun liquido. Non posizionare sul dispositivo oggetti contenenti liquidi, come vasi o bicchieri.
- Non installare in uno spazio ristretto.

### Assistenza

- Ogni intervento tecnico deve essere effettuato solo da personale qualificato.

### Cautela:

Si avverte che qualsiasi cambiamento e modifica non espressamente approvata in questo manuale può annullare la vostra autorità di utilizzo del dispositivo.

Per sostituire la batteria, seguire attentamente le procedure fornite all'interno di questo manuale.

### 警告!

- 感電や発火のリスクを軽減するため、本体に水が垂れたり はねる環境での保管・使用は避け、花瓶等液体の入った物を 本体の上に置かないでください。
- 閉じられた空間に設置しないでください。

### 保守について

- 本体の保守点検修理は必ず有資格者の手で行ってください。

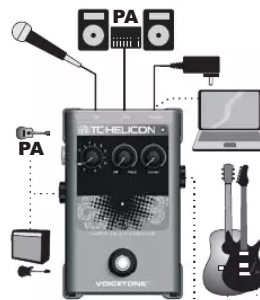
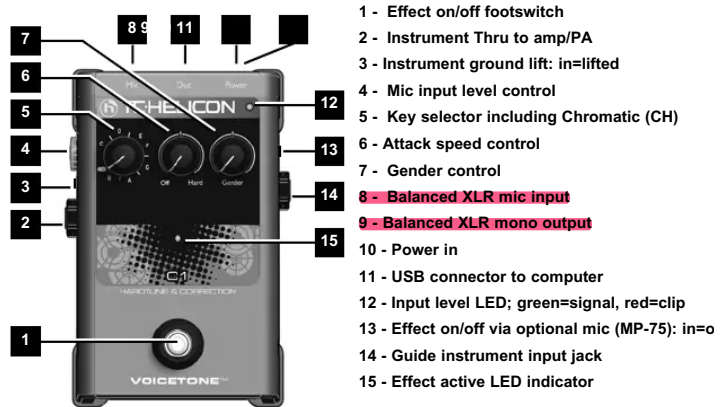
## (EN) Introduction

VoiceTone C1 offers correction, HardTune and Gender effects in an easy-to-use footpedal.

This product is ideal for singers who seek ultimate pitch accuracy in live performance and recording also produces the infamous "Cher" effect where pitch correction is used as a robot-type effect. A Gender control adds to the mayhem to make your voice deeper (male) or thinner (female=alien).

- Super-simple setup and control
- "Mild to Wild" correction possible by varying the Attack control
- Flexible guide methods include Key control, Chromatic (no key), and chordal instrument in/thru.
- Instrument Thru has ground lift to minimize buzz/hum.
- Mic Control feature works with optional TC-Helicon MP-75 mic to add "on-mic" effect switching.
- USB connection to computer for easy firmware updates, news and tips via the free VoiceSupport application.
- **Balanced XLR in and out with phantom power for condenser microphones**

www.tc-helicon.com - www.youtube.com/tchelicon



## Connecting

**MIC jack** - Connect your mic here using a balanced XLR cat Phantom power is always on.

**OUT jack** - Connect to your PA mixer, another VoiceTone pedal or powered speaker.

**Power in** - Connect the supplied 12VDC power supply.

### Optional:

- USB** - Connect to a computer running the TC-Helicon VoiceSupport application for registration, latest version and tips
- INST IN** - Chords played on this instrument will be recognized when the Key selector is set to Chromatic.
- INST OUT** - **Connect to a PA or guitar amp to hear your instrument.**



- Turn down your PA when making all connections
- The latest version of VoiceSupport is available free from [www.tc-helicon.com/voicesupport](http://www.tc-helicon.com/voicesupport)
- The USB connection does not provide power to the unit
- **If you hear hum from your PA or amp, push the GRND LIFT in. Otherwise, it should remain out.**

## First Setup and Use

1. Turn down your PA's master volume.
  2. Connect your mic and PA as shown in the diagram first, then plug in the AC adaptor. For live performance, a USB connection to a computer is not required.
  3. Set the key to C, Attack control to Hard and the Gender control to the center notch.
  4. Sing into your mic while adjusting the MIC GAIN control so that the input level LED flashes green. Brief flashes of red on the LED on your loudest singing are ok.
  5. Ensure that the effect is on (center LED is lit).
  6. Sing while turning up your PA volume to a comfortable level.
- As you sing, you will hear your voice jumping from pitch to pitch in the key of C major. Play an instrument or accompaniment in the same key to hear the HardTune effect in context. Now you can experiment with the controls before reading the Effect Descriptions section below.

## Phantom Power

There is no switch to enable phantom power on the VoiceTone singles. Phantom power is available when the product is powered. Microphones that don't require phantom power will operate properly. Always apply power as the last connection step and ensure your PA is muted. This will reduce the chance of audio pops that could harm your equipment.

## Effect Descriptions

**Key control** - Setting this control to your song's accompaniment key is essential for HardTune and

pitch correction to be musically useful. While this selector only offers major keys, you are able to set relative minor keys according to the chart following:

Major	C	D	E	F	G	A	B								
Natural Minor	A	A#	B	C	C#	D	D#	E	F	F#	G	G#	A	A#	B

**Attention:**  
Toute modification apportée à l'appareil et qui n'est pas expressément préconisée dans ce manuel invalide votre droit à utiliser cet appareil.

Lors du remplacement de la pile, suivez attentivement les instructions spécifiées dans ce manuel.

**注意**  
本マニュアルに明示されていない本体への変更・改造を行った場合、本機器を操作する資格を失うことがあります。

バッテリーを交換する際には、必ず本マニュアルに記載されているバッテリーの扱いに関する指示に従ってください。



Dorian minor D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D21 D22 D23 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D38 D39 D40 D41 D42 D43 D44 D45 D46 D47 D48 D49 D50 D51 D52 D53 D54 D55 D56 D57 D58 D59 D60 D61 D62 D63 D64 D65 D66 D67 D68 D69 D70 D71 D72 D73 D74 D75 D76 D77 D78 D79 D80 D81 D82 D83 D84 D85 D86 D87 D88 D89 D90 D91 D92 D93 D94 D95 D96 D97 D98 D99 D100

In the key of C, the Natural Minor has a G# where Dorian has an A. The CH (chromatic) setting works with accompaniment in any key. It is used with a slow attack control setting for subtle, overall pitch correction. *When an instrument is connected, the CH setting enables chord recognition.*

**Attack control** - At left, no pitch correction is heard, allowing Gender-only effects. Up to the notch a useful pitch correction attack rates. Towards the Hard setting tuning becomes an effect.

**Gender control** - The center notch setting is neutral (no gender). The left side offers thickened, "male" gender effects. To the right are "female" to "alien" gender effects. These can be used in combination with correction if desired.

**INST IN** - A chordal instrument (with no effects) such as a guitar will guide the correction to match your music. This is the most flexible method because key alone may not match all your songs.

Using Multiple VoiceTone Single Pedals

It is possible (even encouraged!) to use more than one VoiceTone pedal at a time. You will only need adjust the MIC GAIN control of the first pedal in the chain. On the rest, MIC GAIN should be set to the minimum (fully left) position.

The order of the pedals is important. See the following table showing 2, 3 and 4 pedal combinations

2 Pedals	D1 > R1	T1 > D1	C1 > D1	3 Pedals	T1 > D1 > R1	T1 > C1 > R1	T1 > D1 > C1	R1 > D1 > C1	R1 > C1 > D1	C1 > D1 > R1	C1 > R1 > D1
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4 Pedals T1 > C1 > D1 > R1

The VoiceSupport Application

VoiceSupport is your way of getting the most from your TC-Helicon product, as well as letting your product grow with firmware updates. VoiceSupport includes:

- Access to firmware updates and new features
- Videos, artist profiles, tips & tricks
- Registration of your product

**To access the VoiceSupport application:**

1. Download VoiceSupport from [www.tc-helicon.com/voicesupport](http://www.tc-helicon.com/voicesupport).
2. Install VoiceSupport on your computer.
3. Connect your product via USB to your computer.
4. Run VoiceSupport.
5. Read the news, click on tabs and browse the features of the application.

Using the Mic Control Feature

Mic Control allows you to turn effects on and off from the optional TC-Helicon MP-75 microphone. Push the MIC CONTROL switch in to allow remote on/off control on any or all pedals in a chain. *When Mic Control is not desired, ensure the switch is out.* Using multiple pedals requires the **control signal path** through feature to be enabled on all but the last pedal. To enable or disable this feature, hold the effect footswitch and the switch on the mic for 3 seconds.

Tips for Avoiding Feedback

- Ensure your monitor and/or PA speakers don't aim directly at the front of your mic
- Sing close to the mic, even touching the grill with your lips
- Try a super-cardioid dynamic mic such as TC-Helicon's MP-70 and MP-75
- Set your PA channel EQ and graphic EQ flat
- Have your band play quieter on stage.

FAQ

**Why am I hearing distortion?**  
Likely the MIC GAIN knob is set too high. Ensure that the Input LED is green most of the time with brief and rare peaks of red.

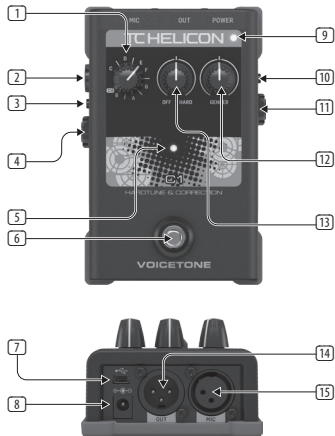
**Can I use the product on an auxiliary send/return?**  
**Yes.** You will need balanced XLR to TRS cables to do so. Ensure that the MIC GAIN knob is set to minimum to accept the line level signal from your mixer.

**Will I need a DI box to connect to a mixer?**  
**No.**

**Why is the effect turning the effect on and off by itself?**  
This can happen when you have the MIC CONTROL knob pushed in and you are connected to a mixer with "pseudo balanced" outputs. Unless you are using only the specific TC-Helicon mic with the Mic Control feature, the MIC CONTROL knob should be out.

# Quick Start Guide

## VOICETONE C1



**EN Important Safety Instructions**

Terminals marked with this symbol carry electrical current of sufficient magnitude to constitute risk of electric shock. Use only high-quality professional speaker cables with ¼" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.



This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure - voltage that may be sufficient to constitute a risk of shock.



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.



**Caution**  
To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user serviceable parts inside. Refer servicing to qualified personnel.

**Caution**

To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.

**Caution**

These service instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

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 any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two

blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

11. Use only attachments/accessories specified by the manufacturer.



12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. 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.

15. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.

16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.



17. Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE.

At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office, or your household waste collection service.

18. Do not install in a confined space, such as a book case or similar unit.

19. Do not place naked flame sources, such as lighted candles, on the apparatus.

20. Please keep the environmental aspects of battery disposal in mind. Batteries must be disposed-of at a battery collection point.

21. This apparatus may be used in tropical and moderate climates up to 45°C.

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**LIMITED WARRANTY**

For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at [musictribe.com/warranty](https://musictribe.com/warranty).

**DE Wichtige Sicherheitshinweise****Vorsicht**

Die mit dem Symbol markierten Anschlüsse führen so viel Spannung, dass die Gefahr eines Stromschlags besteht. Verwenden Sie nur hochwertige, professionelle Lautsprecherkabel mit vorinstallierten 6,35 mm MONO-Klinkensteckern oder Lautsprecherstecker mit Drehverriegelung. Alle anderen Installationen oder Modifikationen sollten nur von qualifiziertem Fachpersonal ausgeführt werden.

**Achtung**

Um eine Gefährdung durch Stromschlag auszuschließen, darf die Geräteabdeckung bzw. Geräterückwand nicht abgenommen werden. Im Inneren des Geräts befinden sich keine vom Benutzer reparierbaren Teile. Reparaturarbeiten dürfen nur von qualifiziertem Personal ausgeführt werden.

**Achtung**

Um eine Gefährdung durch Feuer bzw. Stromschlag auszuschließen, darf dieses Gerät weder Regen oder Feuchtigkeit ausgesetzt

werden noch sollten Spritzwasser oder tropfende Flüssigkeiten in das Gerät gelangen können. Stellen Sie keine mit Flüssigkeit gefüllten Gegenstände, wie z. B. Vasen, auf das Gerät.

**Achtung**

Die Service-Hinweise sind nur durch qualifiziertes Personal zu befolgen. Um eine Gefährdung durch Stromschlag zu vermeiden, führen Sie bitte keinerlei Reparaturen an dem Gerät durch, die nicht in der Bedienungsanleitung beschrieben sind. Reparaturen sind nur von qualifiziertem Fachpersonal durchzuführen.

1. Lesen Sie diese Hinweise.
2. Bewahren Sie diese Hinweise auf.
3. Beachten Sie alle Warnhinweise.
4. Befolgen Sie alle Bedienungshinweise.
5. Betreiben Sie das Gerät nicht in der Nähe von Wasser.
6. Reinigen Sie das Gerät mit einem trockenen Tuch.
7. Blockieren Sie nicht die Belüftungsschlitze. Beachten Sie beim Einbau des Gerätes die Herstellerhinweise.
8. Stellen Sie das Gerät nicht in der Nähe von Wärmequellen auf. Solche Wärmequellen sind z. B. Heizkörper, Herde oder andere Wärme erzeugende Geräte (auch Verstärker).
9. Entfernen Sie in keinem Fall die

Sicherheitsvorrichtung von Zweipol- oder geerdeten Steckern. Ein Zweipolstecker hat zwei unterschiedlich breite Steckkontakte. Ein geerdeter Stecker hat zwei Steckkontakte und einen dritten Erdungskontakt. Der breitere Stechkontakt oder der zusätzliche Erdungskontakt dient Ihrer Sicherheit. Falls das mitgelieferte Steckerformat nicht zu Ihrer Steckdose passt, wenden Sie sich bitte an einen Elektriker, damit die Steckdose entsprechend ausgetauscht wird.

10. Verlegen Sie das Netzkabel so, dass es vor Tritten und scharfen Kanten geschützt ist und nicht beschädigt werden kann. Achten Sie bitte insbesondere im Bereich der Stecker, Verlängerungskabel und an der Stelle, an der das Netzkabel das Gerät verlässt, auf ausreichenden Schutz.

11. Das Gerät muss jederzeit mit intaktem Schutzleiter an das Stromnetz angeschlossen sein.

12. Sollte der Hauptnetzstecker oder eine Gerätesteckdose die Funktionseinheit zum Abschalten sein, muss diese immer zugänglich sein.

13. Verwenden Sie nur Zusatzgeräte/Zubehörteile, die laut Hersteller geeignet sind.



Wagen benutzen, seien Sie vorsichtig beim Bewegen

14. Verwenden Sie nur Wagen, Standvorrichtungen, Stative, Halter oder Tische, die vom Hersteller benannt oder im Lieferumfang des Geräts enthalten sind. Falls Sie einen

der Wagen-Gerätkombination, um Verletzungen durch Stolpern zu vermeiden.

15. Ziehen Sie den Netzstecker bei Gewitter oder wenn Sie das Gerät längere Zeit nicht benutzen.

16. Lassen Sie alle Wartungsarbeiten nur von qualifiziertem Service-Personal ausführen. Eine Wartung ist notwendig, wenn das Gerät in irgendeiner Weise beschädigt wurde (z. B. Beschädigung des Netzkabels oder Steckers), Gegenstände oder Flüssigkeit in das Geräteinnere gelangt sind, das Gerät Regen oder Feuchtigkeit ausgesetzt wurde, das Gerät nicht ordnungsgemäß funktioniert oder auf den Boden gefallen ist.



17. Korrekte Entsorgung dieses Produkts: Dieses Symbol weist darauf hin, das Produkt entsprechend der WEEE Direktive (2012/19/EU) und der jeweiligen nationalen Gesetze nicht

zusammen mit Ihren Haushaltsabfällen zu entsorgen. Dieses Produkt sollte bei einer autorisierten Sammelstelle für Recycling elektrischer und elektronischer Geräte (EEE) abgegeben werden. Wegen bedenklicher Substanzen, die generell mit elektrischen und elektronischen Geräten in Verbindung stehen, könnte eine unsachgemäße Behandlung dieser Abfallart eine negative Auswirkung auf Umwelt und Gesundheit haben. Gleichzeitig gewährleistet Ihr Beitrag zur richtigen Entsorgung dieses Produkts die effektive Nutzung natürlicher Ressourcen. Für weitere Informationen zur

Entsorgung Ihrer Geräte bei einer Recycling-Stelle nehmen Sie bitte Kontakt zum zuständigen städtischen Büro, Entsorgungsamt oder zu Ihrem Haushaltsabfallentsorger auf.

18. Installieren Sie das Gerät nicht in einer beengten Umgebung, zum Beispiel Bücherregal oder ähnliches.

19. Stellen Sie keine Gegenstände mit offenen Flammen, etwa brennende Kerzen, auf das Gerät.

20. Beachten Sie bei der Entsorgung von Batterien den Umweltschutz-Aspekt. Batterien müssen bei einer Batterie-Sammelstelle entsorgt werden.

21. Dieses Gerät ist in tropischen und gemäßigten Klimazonen bis 45° C einsetzbar.

**HAFTUNGSAUSSCHLUSS**

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EN Controls

- 1 **Key Selector** – Selects a major key for pitch correction. CH setting is either Chromatic (no Instrument) or Chords (Instrument connected).
- 2 **Mic Input Level Control**
- 3 **Ground Lift** – Press the button inward if you experience buzz and hum.
- 4 **Instrument Thru** – Send a copy of the instrument input signal to an amp or PA.
- 5 **Effect Active LED**
- 6 **Effect On/Off Footswitch**
- 7 **USB** – Accepts the included mini-USB cable for firmware update.
- 8 **Power** – Connect the included 12 V / >= 400 mA power supply.
- 9 **Input Level LED** – Green = signal, red = clip.
- 10 **Mic Control** – Use the optional MP-75 mic (button in = on).
- 11 **Guide Instrument Input**
- 12 **Gender** – Adjust your vocal biology between male and female.
- 13 **Off/Hard** – Adjust the pitch correction attack from natural to robotic.
- 14 **Out** – Connect to a mixer or powered speaker.
- 15 **Mic** – Connect your microphone.

ES Controles

- 1 **Key Selector** – Selecciona una tecla principal para la corrección de tono. El ajuste de CH es cromático (sin instrumento) o acordes (instrumento conectado).
- 2 **Mic Input Level Control**
- 3 **Ground Lift** – Presione el botón hacia adentro si experimenta zumbidos y zumbidos.
- 4 **Instrument Thru** – Envíe una copia de la señal de entrada del instrumento a un amplificador o PA.
- 5 **Effect Active LED**
- 6 **Effect On/Off Footswitch**
- 7 **USB** – Acepta el cable mini-USB incluido para la actualización del firmware.
- 8 **Power** – Conecte la fuente de alimentación de 12 V / >= 400 mA incluida.
- 9 **Input Level LED** – Verde = señal, rojo = clip.
- 10 **Mic Control** – Utilice el micrófono MP-75 opcional (botón de entrada = encendido).
- 11 **Guide Instrument Input**
- 12 **Gender** – Ajusta tu biología vocal entre hombre y mujer.
- 13 **Off/Hard** – Ajusta el ataque de corrección de tono de natural a robótico.
- 14 **Out** – Conectar a un mezclador o altavoz autoamplificado.
- 15 **Mic** – Conecta tu micrófono.

FR Réglages

- 1 **Key Selector** – Sélectionne une touche majeure pour la correction de hauteur. Le réglage CH est soit Chromatique (sans instrument), soit Accords (Instrument connecté).
- 2 **Mic Input Level Control**
- 3 **Ground Lift** – Appuyez sur le bouton vers l'intérieur si vous ressentez un bourdonnement et un bourdonnement.
- 4 **Instrument Thru** – Envoyer une copie du signal d'entrée de l'instrument à un ampli ou une sono.
- 5 **Effect Active LED**
- 6 **Effect On/Off Footswitch**
- 7 **USB** – Accepte le câble mini-USB inclus pour la mise à jour du micrologiciel.
- 8 **Power** – Connectez l'alimentation 12 V / >= 400 mA incluse.
- 9 **Input Level LED** – Vert = signal, rouge = clip.
- 10 **Mic Control** – Utilisez le micro MP-75 en option (bouton in = on).
- 11 **Guide Instrument Input**
- 12 **Gender** – Ajustez votre biologie vocale entre homme et femme.
- 13 **Off/Hard** – Ajustez l'attaque de correction de hauteur de naturelle à robotique.
- 14 **Out** – Connectez-vous à une table de mixage ou à un haut-parleur amplifié.
- 15 **Mic** – Connectez votre microphone.

DE Bedienelemente

- 1 **Key Selector** – Wählt eine Haupttaste für die Tonhöhenkorrektur aus. Die CH-Einstellung ist entweder Chromatisch (kein Instrument) oder Akkorde (Instrument angeschlossen)..
- 2 **Mic Input Level Control**
- 3 **Ground Lift** – Drücken Sie die Taste nach innen, wenn Sie Summen und Brummen bemerken.
- 4 **Instrument Thru** – Senden Sie eine Kopie des Instrumenteneingangssignals an einen Verstärker oder eine PA.
- 5 **Effect Active LED**
- 6 **Effect On/Off Footswitch**
- 7 **USB** – Akzeptiert das mitgelieferte Mini-USB-Kabel für das Firmware-Update.
- 8 **Power** – Schließen Sie das mitgelieferte 12 V / >= 400 mA Netzteil an.
- 9 **Input Level LED** – Grün = Signal, Rot = Clip.
- 10 **Mic Control** – Verwenden Sie das optionale MP-75-Mikrofon (Taste in = ein).
- 11 **Guide Instrument Input**
- 12 **Gender** – Passen Sie Ihre Stimmbiologie zwischen Mann und Frau an.
- 13 **Off/Hard** – Stellen Sie den Tonhöhenkorrekturangriff von natürlich auf roboter gesteuert ein.
- 14 **Out** – Schließen Sie es an einen Mixer oder Aktivlautsprecher an.
- 15 **Mic** – Schließen Sie Ihr Mikrofon an.





– just set the key and go – or use the guitar input. It ends with the wildly popular pitch-gliding HardTune effect. A twist of the gender knob really gets you sounding like an alien with some fascinating biological choices...



## It's Just this Simple...

- Plug in your mic, plug your pedal into the mixer & set the gain
- Turn on the effect
- (That's it)

Of course, you can always change the style or the amount of correction, but you shouldn't need the manual – unless you're making a fire!

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### Design

#### Size

Height: 5.4 inches (140 mm)

Width: 3.5 inches (90 mm)

Depth: 2.3 inches (60 mm)

#### Weight

Weight: 0.92 lb. (0.42 kg)

#### Construction

Two part dies cast metal

Rubberized base

### Connections

#### Analog Inputs

Connectors, balanced: Mic.: XLR

Mic Input Level @ 0 dBFS: -42dBu

to +1dBu

EIN @ Max Mic Gain  $R_g = 150$

Ohm: -126 dBu

Mic input SNR: >104 dB

Phantom Power: 24V (always on)

Guitar Input impedance: 1 MOhm

Guitar Input Level @ 0 dBFS: -7

dBu to 17 dBu

Guitar Input SNR: >115dB

Dynamic Range: >104 dB, 20 Hz

to 20 kHz

Frequency Response: +0/-0.3 dB,

20 Hz to 20 kHz

## Analog Outputs

Output Impedance, Bal./Unbal.:

200/100 Ohm

Output Full Scale: +1 dBu

Dynamic Range: >104 dB, 20 Hz

to 20 kHz

Frequency Response: +0/-0.3 dB,

20 Hz to 20 kHz

## Control

USB for firmware and control

Mic Control using TC Helicon MP-

75

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## Safety And Regulations

### Power

Power Supply (Supplied): 12V .4A

Power Consumption: 5.6W

### Safety

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 IEC 65,

EN 60065, UL6500 and CSA



## 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

## What's in the box?

Region specific power supply  
USB cable  
User guide

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## Videos

### Related Videos

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Video Coming Soon