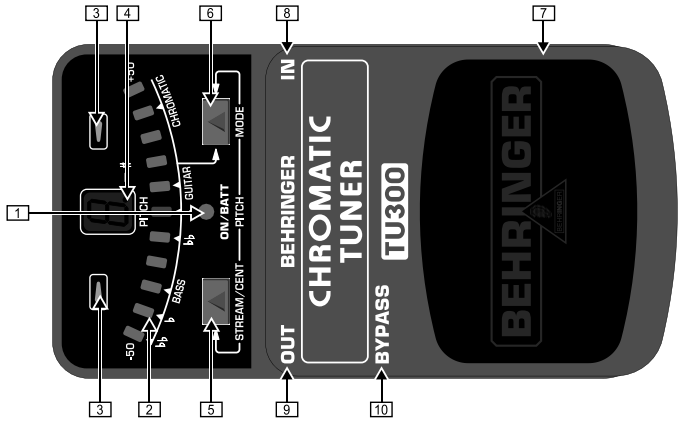
CHROMATIC TUNER TU300

Thank you for showing your confidence in us by purchasing the BEHRINGER CHROMATIC TUNER TU300. This compact guitar and bass tuner provides 7 different tuning modes. Thanks to its 7-segment LED display and 11-point LED indicators, it provides great visibility, especially in dark environments.

1. CONTROLS



Top view

1 The *ON/BATT* LED illuminates when the tuner is activated. It also serves as a battery level indicator.

2 This LED meter indicates to what degree the instrument's tone deviates from the reference tone.

3 These yellow arrow LEDs light up when the played note is below or above pitch. Both LEDs will light up when the tone's pitch is correct.

4 The 7-segment LED display indicates the string number (high E string: "1", B string: "2" etc.) of the strummed string of your instrument, if the TU300 is operated in one of the guitar or bass modes. In chromatic mode it displays the note name. Semitones are shown by the decimal point LED ("**#**") in the display.

5 Press the *STREAM/CENT* button to switch between the LED display modes (see chapter "OPERATIONS").

6 Press the *MODE* button to select the tuning mode (see chapter "OPERATIONS").

7 Use the footswitch to activate/deactivate the tuner.

8 Connect your guitar or bass to the 1/4" TS *IN* connector.

9 Connect your amp or another stompbox to the 1/4" TS *OUT* connector. When the tuner is activated (footswitch pressed) the output is muted. This way, you can silently tune your guitar or bass.

10 The 1/4" TS *BYPASS* connector always sends a signal to your amp independently of the footswitch position.

Use the *DC IN* connection at the right side of the unit to plug in a 9 V power supply (not included).

The *BATTERY COMPARTMENT* is located underneath the pedal cover. To install or replace the 9 V battery, press the hinges with a ballpen and remove the pedal cover. Be careful not to scratch the unit.

☞ **The TU300 is powered as soon as you insert a plug into the INPUT. The battery is "disconnected" when the plug is removed. For this reason, the TU300 has no on/off switch. To extend battery life, always disconnect the INPUT when the unit is not in use.**

The *SERIAL NUMBER* is located at the bottom.

2. OPERATION

Selecting the tuning mode: Select between 3 Guitar modes (Regular, Flat, Double Flat), 3 Bass modes (Regular, Flat, Double Flat) and Chromatic mode.

Display	1	2	3	4	5	6
String	1st	2nd	3rd	4th	5th	6th
Regular	**E**	**B**	**G**	**D**	**A**	**E**
b	E*b*	B*b*	G*b*	D*b*	A*b*	E*b*
bb	D	A	F	C	G	D

Display	1	2	3	4	5
String	1st	2nd	3rd	4th	5th
Regular	**G**	**D**	**A**	**E**	**B**
b	G*b*	D*b*	A*b*	E*b*	B*b*
bb	F	C	G	D	A

Guitar (left) and bass (right) tuning modes

Guitar modes:

▲ Press the MODE button repeatedly until the "GUITAR" meter LED lights up. If you want to play in flat or double flat mode, select "*b*" or "*bb*" guitar mode.

▲ Pick a single string on your guitar. The string number closest to the pitch of the played tone will be displayed. The meter LEDs 2 and the pitch indicators 3 will show the pitch deviation.

Bass modes:

▲ Press the MODE button repeatedly until the "BASS" meter LED lights up. For flat or double flat mode select "*b*" or "*bb*" bass mode.

▲ Pick a single string on your bass. The string number closest to the pitch of the played tone will be displayed. The meter LEDs 2 and the pitch indicators 3 will show the pitch deviation.

Chromatic mode: In chromatic mode the tuner automatically recognizes all tones and semitones and indicates the note name in the LED display. Chromatic is the standard mode when powering up the TU300.

▲ Cycle the MODE button to make the "CHROMATIC" LED light up.

▲ Play a single note on your instrument. The note closest to the pitch of the played tone will be indicated.

▲ Tune your instrument until the green "0" cent LED of the meter display 2 and the pitch indicators 3 light up.

Display	c	c.	d	d.	E	F	F.	G	G.	A	A.	b
Note	C	C#	D	D#	E	F	F#	G	G#	A	A#	B

Chromatic mode

Selecting the display mode

Stream mode: If the played tone deviates from the reference tone this will be displayed by a stream of LEDs in the meter display [2]. If the LED stream moves to the left, the input pitch is flat, when it moves to the right, it is sharp. As you approach the correct pitch, the LEDs will stop moving and both yellow arrows LEDs [3] will start flashing.

Cent mode: Compare the Cent mode to a VU meter needle: one LED shows the deviation of the reference tone within a range of +/-50 cents. If the pitch is perfect the green LED (0 cent) lights up.

Setting up the "a" reference tone: When you power up your TU300, it is set to 440 Hz.

▲ Press the STREAM/CENT [5] and the MODE button [6] simultaneously.
▲ Increase the reference tone in 1-Hz steps by pressing the MODE button [6].
▲ Decrease the reference tone by pressing the STREAM/CENT button [5].

The display will show 8/9/0/1/2/3/4/5/6/7 to indicate the reference tone from 438 to 447 Hz.

3. WARRANTY

For our current warranty terms, please refer to our website at http://www.behringer.com.

4. SPECIFICATIONS

In		
	Connector	1/4" TS
	Impedance	500 kΩ
Out		
	Connector	1/4" TS
	Impedance	1 kΩ
Bypass		
	Connector	1/4" TS
	Impedance	1 kΩ
Power supply		9 V ⎓ , 100 mA, regulated
		BEHRINGER PSU-SB
		U.S./Canada 120 V~, 60 Hz
		China/Korea 220 V~, 50 Hz
		U.K./Australia 240 V~, 50 Hz
		Europe 230 V~, 50 Hz
		Japan 100 V~, 50 - 60 Hz
Power connector		2 mm DC jack, negative center
Battery		9 V type 6LR61
Power consumption		70 mA
Dimensions (H x W x D)		approx. 54 mm (2 1/8") x 70 mm (2 3/4") x 123 mm (4 4/5")
Weight		approx. 0.33 kg (0.73 lbs)

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5. SAFETY INSTRUCTIONS

Do not use near water, or install near heat sources. Use only authorized attachments/accessories. Do not service product yourself. Contact our qualified servicing personnel for servicing or repairs, **especially when power supply cord or plug is damaged.**

No utilizar cerca de agua o instalar cerca de fuentes de calor. Utilice sólo accesorios y aditamentos autorizados. No intenté reparar el producto usted mismo. Contacte a nuestro personal técnico cualificado para servicio y reparaciones, **especialmente cuando la fuente o el cable de alimentación estén dañados.**

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