

## www.ortegaguitars.com

#### **SEA DEVIL | CHROMATIC TUNER USER'S MANUAL**

#### Caution

1.To avoid short circuit electric shock or malfunction :

Do not disassemble for repair.

Do not place in high temperature and humid space such as electric heater, direct sunlight, bathroom, wet floor etc.

Do not place in excessive vibration.

Do not place in dusty or dirty space.

Do not operate the tuner with wet hands.

2.To avoid breakdown

Do not handle all controls with excessive power.

Do not drop the tuner.

3. Cleaning
Do not use thinner or alcohol for cleaning.

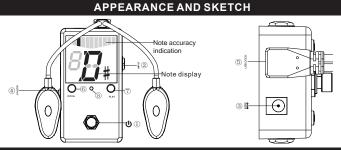
Use only dry and clean cloth.

4. Power supply

Use only 9V : 6F22/DC adapter

\*Imorptant notice:

Manufacturers and sellers are not responsible for misuse, damages and negligence in use of this product



## Features & Functions

# FOOT switch

Pressing this switch will turn the tuner on/off.

# INPUT jack

Connect the output cord of the instrument to the input jack of tuner. When a battery is uesd, the input jack also functions as a power switch. When a plug is inserted into the input jack, the power will be turned on .When the plug is pulled out ,the power will be turned off. When you are not using the tuner, pull the plug out of the input jack.

## DC 9V in jack

If a DV adapter is used, you will be able to play for extended periods without worrying about battery life.

4) OUTPUT jack

Connect your Amp or another effect unit to this jack.

When the tuner is off, this will output the signal of the instrument connected to

the input jack. When the tuner is on,no sound will be ouput from this jack so use this jack if you wish to tune silently.

USB dock

Connect the included LED lights with the USB input on the front side of the pedal. This will enable the powering of the overhaed lights.

PITCH button

This button lets you change the reference frequency.7-segment indication of 0~5 means 440~445Hz,and indication of 6~9 means 436~439Hz.

FLAT button

This button lets you use flat tunings.

**OPERATION** light 8)

## **Procedure**

- Connect output of the instrument to the INPUT jack of tuner, the power will be turned on.
- Press the Foot Switch to turn the tuner on . 2.
- Press the PITCH button to select the reference frequency you want to 3. use.
- Press the FLAT button to select the reference flat you want to use. 4.
- Adjust the instrument until the tuning note you wisd to tune is indicated
- Adjust the instrument slowly until to approach the FND Tuning Guide to the center position.
- When the center of FND Tuning Guide lights up, this point is exact sound of the instrument.

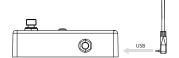
#### **Specifications**

Tuning Range : A0(27.5Hz)-C8(4,186Hz) Accuracy : +/- 1cent Calibration : 436-445Hz (1 Hz step)

Flat : b,bb,bbb Note : A,A#,B,C,C#,D,D#,E,F,F#,G,G#

Note: A,A#,B,C,C#,D,D#,E,F,F#,G,G#
Indicator: 39seg FND &1LED
Input: 1/4" Input jack
Output: 1/4" Output jack, 1/4" Bypass jack
Power: 9V (6F22, DC adapter)
Dimensions: 73 (W) \*110 (D) \*47 (H) mm
Weight: 300g (including battery)

# Installation & activation of the included LED light



- 1.Connect your 9V power supply with the 9V in jack of the pedal.
  2.Insert the USB connector of the LED light into the USB dock on the front side of the pedal. Make sure that the connector fits tightly.
- 3. The LED lights will turn on automatically. Disconnect the USB plug to turn the lights off.



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