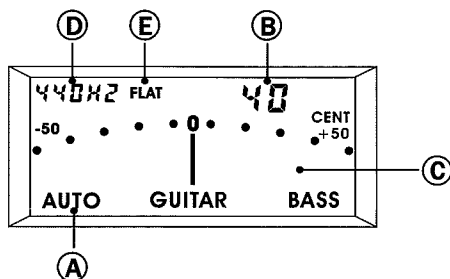


## Controls and Functions



- ## Tuning Procedure

- \* Do not operate the tuner nearby sound equipment such as radio or television.
- \* When you tune electric instruments, locate the volume level at the center position.
- \* Do not pluck strings loudly and heavily.
- \* For tuning of the next string, press all strings with finger lightly after tuning to cut input.

1. Electric Instruments : Connect output cord of the instruments with the IN jack of the tuner.  
Acoustic Instruments: Locate tuner nearby instruments.
2. Press POWER button to turn on. LCD lights up and set Auto Guitar and Pitch 440Hz automatically.
3. Select mode you wish to tune. Each press will indicate Auto Guitar – Auto Bass
4. If necessary, adjust reference pitch by pitch button.
5. If you use Capo for guitar, you can tune the guitar by Flat tuning function. Press Flat button, you can select the Flat.
6. Start tuning from low frequency sound.
7. If the tuning sound is out of -50 or +50cent range, adjust the instrument until one of red LED lights up and tuning note you wish to tune is shown on LCD.
8. If one of red LED lights up, tighten(-50cent~center) or loosen the instrument slowly to the approach needle of meter to center position.
9. When the sound is in tune, the needle of meter stops at the center position and green LED lights up.

# **whirlwind Tuner WT1000 Owner's Manual**

## **Manual Tuning in MANL Mode**

1. Press Note button when selecting tuning mode in Auto mode.
2. When each Auto mode changes to MANL mode, following initial form will be set on LCD.  
Auto Chroma – Press Note button – MANL Chroma C  
Auto Guitar – Press Note button – MANL Guitar 7B  
Auto Bass – Press Note button – MANL Bass LB  
Auto Violin – Press Note button – MANL Violin 4G
3. Tune from initial note and press Note button again to indicate next note.
4. Follow steps of Auto tuning procedure.

## **Installing the Battery**

1. Slide the cover on bottom side in the direction of the arrow while pressing the cover.
2. Insert the batteries (1.5V 2 AAA size) being careful to observe the correct polarity.
3. If the unit malfunctions remove and reinstall the battery.

## **Specifications**

1. Mode : Auto & Manual tuning mode
2. Tuning Range : A0(27.50Hz)~C8(4,186.00Hz)
3. Tuning Note : Chromatic Mode : C,C#,D,D#,E,F,F#,G,G#,A,A#,B  
Guitar Mode : 7B,6E,5A,4D,3G,2B,1E  
Bass Mode : LB,4E,3A,2D,1G,HC  
Violin Mode : 4G,3D,2A,1E
4. Accuracy : +/- 0.5 Cents
5. Pitch Range : 433~447Hz (1Hz Step)
6. Indicator : LCD & 3 LEDs
7. Input : Input Jack for Electric instruments Tuning  
Condenser Microphone for Acoustic instruments Tuning
8. 1.5V (2 AAA batteries)
9. Dimensions : W 65 \* H 93.5 \* D 11 mm
10. Weight : 81g ( Including Battery )

## **Caution**

1. To avoid short circuit, electric shock or malfunction :
  - Do not disassemble for repair.
  - Do not place in excessive vibration.
  - Do not operate the tuner with wet hands.
  - Do not place in high temperature or humid space such as heater, direct sunlight, bathroom etc.
  - Do not place in a dusty or dirty space.
2. To avoid breakdown
  - Do not handle controls with excessive power.
  - Do not drop the tuner.
3. Cleaning
  - Do not use thinner or alcohol for cleaning.
  - Use only a dry and clean cloth.
4. To prevent battery loss
  - Remove the battery when the tuner is not in use for a long time.
  - Turn the power button off when the tuner is not in use.
5. Battery
  - Use only 1.5V battery( 2 AAA size )