Precautions

Location
Using the unit in the following locations can result in a malfunction.
• In direct sunlight
• Locations of extreme temperature or humidity
• Excessively dusty or dirty locations
• Locations of excessive vibration
• Close to magnetic fields

Power supply
Be sure to turn the power switch to OFF when the unit is not in use. Remove the battery in order to prevent it from leaking when the unit is not in use for extended periods.

Interference with other electrical devices
Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions.

Handling
To avoid breakage, do not apply excessive force to the switches or controls.

Care
If the exterior becomes dirty, wipe it with a clean, dry cloth. Do not use liquid cleaners such as benzene or thinner, or cleaning compounds or flammable polishes.

Keep this manual
After reading this manual, please keep it for later reference.

Keeping foreign matter out of your equipment
Never set any container with liquid in it near this equipment. If liquid gets into the equipment, it could cause a breakdown, fire, or electrical shock. Be careful not to let metal objects get into the equipment.

CAUTION
Risk of Explosion if Battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

THE FCC REGULATION WARNING (for USA)

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 a residential installation. 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 to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.
Unauthorized changes or modification to this system can void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Complies with Canadian ICES-003 Class B.
Conforme au Reglement Canadian NMB-003 classe B.

Operation is subject to the following two conditions :
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website www.hc-sc.gc.ca/rpb

CALIFORNIA USA ONLY

This Perchlorate warning applies only to primary CR (Manganese Dioxide) Lithium coin cells sold or distributed ONLY in California USA.
"Perchlorate Material–special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate."

European Union Directives Conformance Statement

Korg Inc. hereby declares that the product meets the requirements of Directive 1999/5/EC.
You can view the Declaration of Conformity(DoC) to Directive 1999/5/EC in the Owner's Manual of this product posted on the Korg website (www.korg.com).

Notice regarding disposal (EU only)

When this "crossed-out wheeled bin" symbol is displayed on the product, owner's manual, battery, or battery package, it signifies that when you wish to dispose of this product, manual, package or battery you must do so in an approved manner. Do not discard this product, manual, package or battery along with ordinary household waste. Disposing in the correct manner will prevent harm to human health and potential damage to the environment. Since the correct method of disposal will depend on the applicable laws and regulations in your locality, please contact your local administrative body for details. If the battery contains heavy metals in excess of the regulated amount, a chemical symbol is displayed below the "crossed-out wheeled bin" symbol on the battery or battery package.

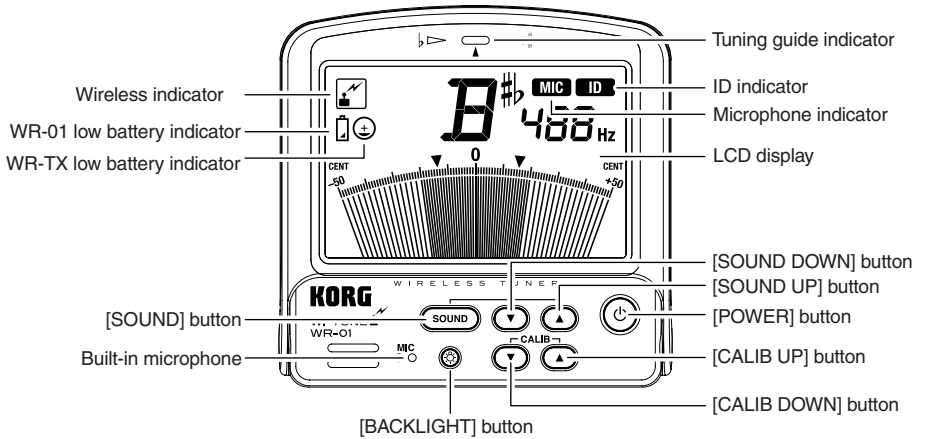
IMPORTANT NOTICE TO CONSUMERS

This product has been manufactured according to strict specifications and voltage requirements that are applicable in the country in which it is intended that this product should be used. If you have purchased this product via the internet, through mail order, and/or via a telephone sale, you must verify that this product is intended to be used in the country in which you reside.
WARNING: Use of this product in any country other than that for which it is intended could be dangerous and could invalidate the manufacturer's or distributor's warranty.
Please also retain your receipt as proof of purchase otherwise your product may be disqualified from the manufacturer's or distributor's warranty.

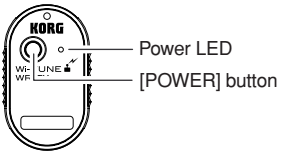
* All product names and company names are the trademarks or registered trademarks of their respective owners.

Thank you for purchasing the Korg Wi-Tune WR-01 Wireless Tuner. To help you get the most out of your new tuner, please read this manual carefully.

Part names



WR-01 (Tuner)



WR-TX (Transmitter)

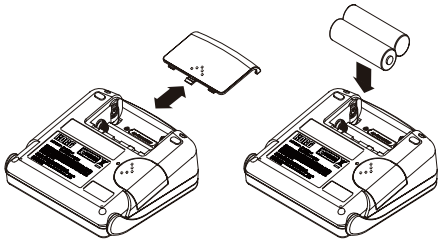
Installing batteries

- Please don't charge an alkaline battery.
- Before you install or replace the batteries on your WR-01 or WR-TX, be sure to turn off the power to both the transmitter as well as the tuner. The batteries that are included are intended to allow you to check functionality and may have a short life.

If the batteries for the WR-01 or WR-TX are low on power, the low battery indicator will appear on the LCD display of the WR-01. Both units will continue to work for a while, but tuning may not be accurate. Please replace the batteries with new ones as soon as possible.

Installing batteries in the WR-01

1. **Gently press down and slide the battery case cover on the rear panel of the WR-01 to remove it.**
2. **Properly orient the batteries and insert them into the unit.**



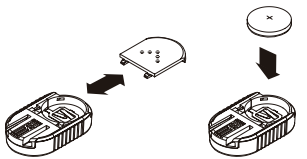
3. **Reattach the battery cover on the WR-01.**

Installing batteries in the WR-TX

CR2032 batteries that are compatible with the WR-TX

CR2032 batteries made by Panasonic

1. **Remove the clip that's attached to the WR-TX, then gently press down and slide the battery case cover on the near panel of the WR-TX to remove it.**
2. **Properly orient the battery and insert it into the unit.**



3. **Reattach the battery cover on the WR-TX.**

Attaching and removing the supplied clip/strap on the WR-TX

Insert the clip or strap into the clip attachment groove on the WR-TX and slide it in all the way. Make sure that you insert the clip or strap in the correct orientation.

When you attach the clip do not touch the connectors on the WR-TX.

Do not pull the clip by grasping the pinching portion of the clip. Otherwise, the clip or strap may break.

When you attach the clip or strap, be sure to slide it in all the way until it is locked, then make sure that it's secure.

The attachment figure of Clip A

The attachment figure of Clip B

The attachment figure of Strap

Attaching the WR-TX to your musical instrument

The Wi-Tune measures the pitch of a musical instrument by sensing vibrations from the instrument. These vibrations are picked up by the WR-TX, and wirelessly transmitted to the WR-01. However, depending where the WR-TX is attached to the instrument, the vibrations may not be picked up very well. In this case, try repostioning the WR-TX to pick up these vibrations better.
The WR-TX can be attached to musical instruments such as woodwind, brass or strings instruments. With some musical instruments, such as a saxophone, you can attach the WR-TX to a strap or other part that vibrates, rather than directly to the instrument itself.
Please refer to the attachment position examples that are shown in the figures to the right.

When you clip the WR-TX to or remove it from the musical instrument, handle it gently. Attaching the WR-TX to the musical instrument for a long period of time may leave a trace on the instrument.

Applying excessive force to the WR-TX or clip may cause damage.

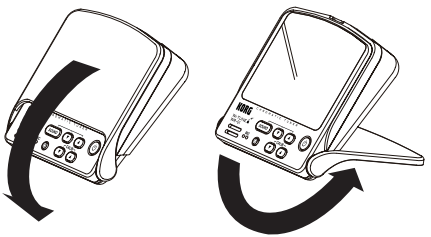
WR-TX attachment position examples

The figure of the example of the attachment position of Clip A

The figure of the example of the attachment position of Clip B

The figure of the example of the attachment position of Clip A

Using the WR-01 stand



Setting the ID after replacing the WR-TX

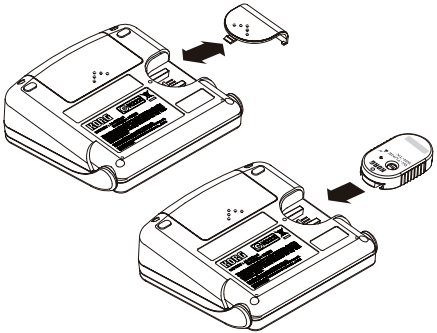
The ID setting data is shared by the WR-01 and WR-TX. This is done to prevent signal scramble during wireless communication.
An ID was programmed into the WR-01 and WR-TX supplied in this Wi-Tune package before they shipped from the factory.
If you are using a different WR-TX (that was not included in this package), you must set the ID on that WR-TX.

1. **Gently press down and slide the cover on the right side of the WR-01 to remoce it.**
2. **Slide the WR-TX into the WR-01 so that the WR-TX will lock into the WR-01's connector.**

note You can do this while the power to each unit is turned on.

When the transmission of the ID data from the WR-TX to the WR-01 is complete, the ID indicator will light up on the LCD.

3. **Turn on the power to the WR-TX and WR-01.**



note You can do this while the power to each unit is turned on.

When the transmission of the ID data from the WR-TX to the WR-01 is complete, the ID indicator will light up on the LCD.

4. **After the ID data is transmitted, remove the WR-TX from the WR-01.**

The ID indicator on the LCD will turn.

If multiple Wi-Tune units are used in the

same location, the tuning meter may not respond to the proper instrument, or an incorrect note name may be displayed. In such cases, resetting the ID will restore communication between the WR-TX and WR-01.

If there is no input sound for 20 minutes while the WR-TX is turned on, or if the WR-TX and WR-01 cannot communicate with each other for two minutes, the power will automatically be turned off.

Turning the power on and off

1. Press the [POWER] button on the WR-01 and WR-TX to turn the power on and off.

If there is no input sound for 20 minutes while the WR-01 is turned on, the power will automatically be turned off.

Backlight

1. Press the [BACK LIGHT] button. The LCD backlight will turn on.

Pressing the [BACK LIGHT] button will turn the LCD backlight on and off.

Wireless tuning

Once the power to the WR-TX is turned on and communication becomes possible, the built-in microphone of the WR-01 will turn off, enabling you to use the wireless function. At this time, the wireless indicator will appear on the LCD.

Tuning via wireless microphone

You can use the built-in microphone on the WR-01 by only turning on the power to the WR-01. At this time, the MIC indicator on the LCD will turn on.

Once wireless tuning is enabled, the WR-01 will maintain wireless tuning mode even if it is unable to receive a signal because the

power to the WR-TX is turned off, the batteries on the WR-TX are exhausted, or the WR-TX is moved outside the range of communication. If you want to switch the WR-01 to microphone tuning mode, turn off the power to both the WR-01 and WR-TX, then turn on the power to the WR-01 only.

Meter mode

When you turn on the power to both units, the Wi-Tune will enter meter mode. In this mode, you can tune your instrument by looking at the meter and using the transmitter or the built-in microphone on the receiver.

1. **Press the [CALIB UP] button or the [CALIB DOWN] button to select the reference pitch.**

   You can adjust the reference pitch in 1Hz steps in the range of 410Hz to 480Hz.

2. **Play a single note on your musical instrument to tune.**

   The WR-01 displays the name of the note closest to the recognized pitch. Tune your instrument so that the WR-01 displays the note name that you are turning to.

3. **Play a single note again and tune your instrument so that the tuning guide indicator (the center of the meter) will turn on.**

When you are using the WR-01's built-in microphone for tuning, try to avoid allowing sounds from sources other than the instrument to be picked up by the microphone.

Even within the measurable range, a note with lots of harmonics or a quick decay may not be measurable (e.g., especially notes in the extreme bass or treble range of the piano).

note When the WR-TX is turned off, only built-in microphone tuning is available on the WR-01.

note To raise a pitch by a pure major 3rd or a pure minor 3rd, adjust the tuning so that the meter needle will point to the pure major or minor 3rd mark respectively. For example, if you want to raise the note of A (0 cent) by a pure major 3rd, first tune your instrument so that the display will indicate

the note name C#, then fine-tune the instrument so that the meter needle will point the down arrow ▼ (–13.7 cents) on the left side of the meter. If you want to raise the note of A (0 cent) by a pure minor 3rd, tune your instrument so that the display will indicate note name C, then fine-tune the instrument so that the meter needle will point the up arrow ▼ (+15.6 cents) on the right side of the meter.

Sound-out mode

In this mode, you can tune your instrument by referring to the oscillator sound at the reference pitch (output from the speaker of the WR-01).

1. **Press the [SOUND] button to engage sound-out mode.**
2. **Press the [SOUND UP] or [SOUND DOWN] button to select the name of the that which you want to tune to.**

   You can select a pitch in the range of C4 (261.63Hz) to C5 (523.25Hz).
3. **Tune your instrument while referring to the oscillator sound at the reference pitch output from the receiver.**
4. **To exit Sound-out mode, press the [SOUND] button.**

Specifications

Temperament:	Equal temperament
Measurement range:	A0 (27.50Hz) – C8 (4186.01Hz)
Reference pitch:	C4 (261.63Hz) – C5 (523.25Hz); One octave
Tuning mode:	Meter mode (AUTO); Sound-out mode (MANUAL)
Calibration range:	A4=410 – 480Hz (1Hz steps)
Measurement precision:	Within ±1 cent
Sound precision:	Within ±1.5 cents
Wireless:	2.4GHz band
Speaker:	Dynamics speaker (ø23mm)
Power:	AA batteries (x 2) = 3V (Alkaline batteries recommended)
Dimensions:	WR-01; ??mm(W) x ??mm(D) x ??mm(H) WR-TX; ??mm (W) x ??mm(D) x ??mm(H)
Weight:	WR-01; ??g (including batteries) WR-TX; ??g (including batteries) Clip; ??g
Battery life:	WR-01; Approx. ??? hours (during tuner operation with backlight off, continuous A4 input operation) WR-TX; Approx. ??? hours
Accessories:	Owner's Manual; AA batteries (x2) for checking operation; CR2032 lithium battery (3V) (x1) for checking operation; Clips A and B and strap for attaching to the musical instrument.

* Specifications and appearance are subject to change without notice for improvement.