SPECIFICATIONS

Power requirements: Manganese Lithium Battery CR2032 × 2 / 6V DC

Battery Life Expectancy: 150 hours (At Metronome Mode with tempo setting= 100, continuously used)

Metronome Mode
Tempo : ♩ = 35 to 250
Beat : 0, 1, 2, 3, 4, 5, 6
Rhythm : ♩, ♫, ♬, 𝅘𝅥𝅯𝅘𝅥𝅯𝅘𝅥𝅯𝅘𝅥𝅯
Accuracy : ±0.1%

Tap Mode
Tempo : ♩ = 35 to 250 (with Hi/Low indication)
Beat : 0, 1, 2, 3, 4, 5, 6

Tuner Mode
Chromatic Scale: C to B (12 notes, in semi tone steps)
Concert Pitch: 438 to 445 Hz (8 pitches, in 1Hz steps)
Accuracy: ±1 cent (0.06%)

Stopwatch Mode
Maximum Timing Display: 00 minute 00 second 00 to 59 minutes 59 seconds 99

Display: LCD (Liquid Christal Display)

Tempo Indicator: LED × 2

Speaker: Piezo Electric Speaker

Switches & Buttons: Power Switch
Mode, Select
Up & Down
Reset
Start/Stop (Tap)

Jack : Headphones Jack (Monaural, Mini Jack)

Dimensions: 49 (W) × 84 (D) × 18 (H)
1 14/15" × 3 5/16" × 1 1/16"

Weight: 51g / 2oz

*Specifications are subject to change without notice.

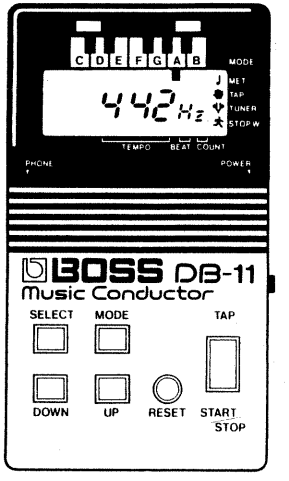
BOSS
Products of Roland

DB-11 INSTRUCTION MANUAL '85 DEC E-3

BOSS DB-11
Music Conductor

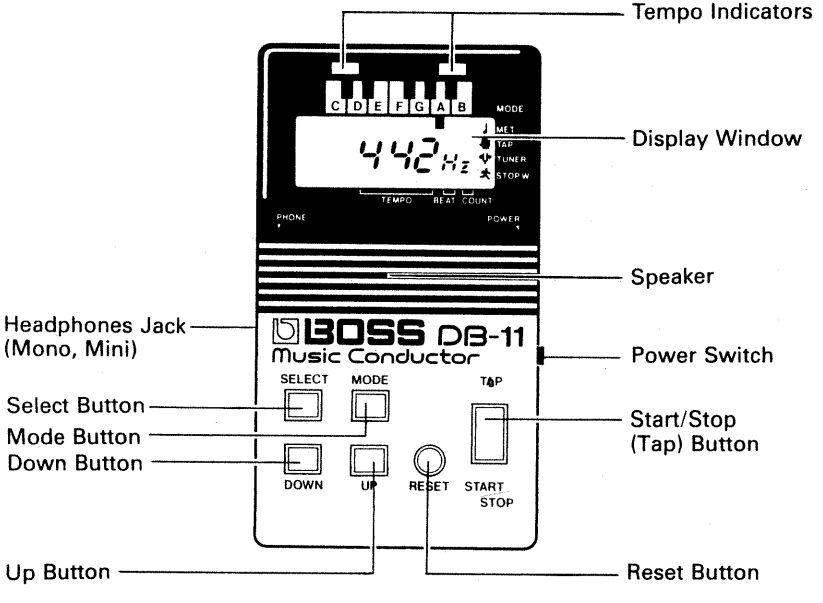
INSTRUCTIONS

The BOSS Music Conductor DB-11 has four different modes; Metronome, Tap, Tuner and Stop Watch. You can use this in so various ways such as for tempo controlling, tuning, etc.

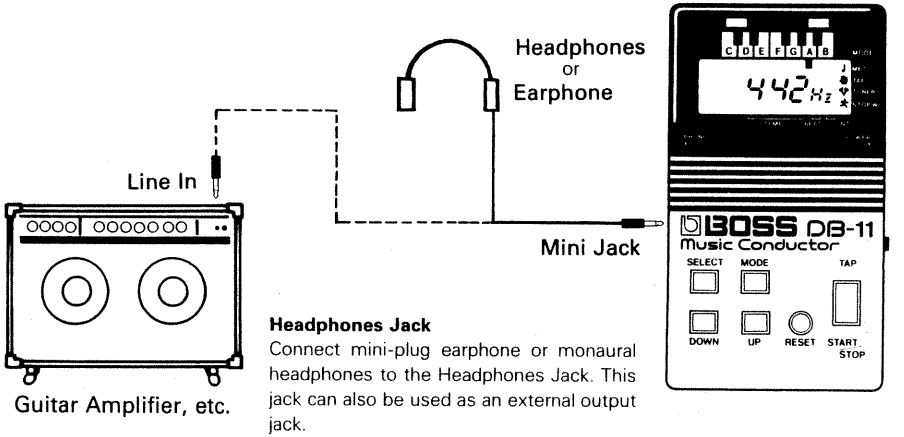


Please read the instructions carefully.

PANEL DESCRIPTIONS



CONNECTIONS



Headphones Jack
Connect mini-plug earphone or monaural headphones to the Headphones Jack. This jack can also be used as an external output jack.

* Connecting this jack will automatically cut the sound from the built-in speaker.

* You may connect stereo headpones to this jack, but only one ear will work.

RADIO AND TELEVISION INTERFERENCE

"**Warning** – This equipment has been verified to comply with the limits for a Class B computing device, pursuant to Subpart J, of Part 15, of FCC rules. Operation with non-certified or non-verified equipment is likely to result in interference to radio and TV reception."

The equipment described in this manual generates and uses radio-frequency energy. If it is not installed and used properly, that is, in strict accordance with our instructions, it may cause interference with radio and television reception.

This equipment has been tested and found to comply with the limits for a Class B computing device in accordance with the specifications in Subpart J, of Part 15, of FCC Rules. These rules are designed to provide reasonable protection against such a interference in a residential installation. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by the following measure:

- Disconnect other devices and their input/output cables one at a time. If the interference stops, it is caused by either the other device or its I/O cable.

These devices usually require Roland designated shielded I/O cables. For Roland devices, you can obtain the proper shielded cable from your dealer. For non Roland devices, contact the manufacturer or dealer for assistance.

If your equipment does cause interference to radio or television reception, you can try to correct the interference by using one or more of the following measures:

- Turn the TV or radio antenna until the interferences stops.
- Move the equipment to one side or the other of the TV or radio.
- Move the equipment farther away from the TV or radio.
- Plug the equipment into an outlet that is on a different circuit than the TV or radio. (That is, make certain the equipment and the radio or television set are on circuits controlled by different circuit breakers or fuses.)
- Consider installing a rooftop television antenna with coaxial cable lead-in between the antenna and TV.

If necessary, you should consult your dealer or an experienced radio/television technician for additional suggestions. You may find helpful the following booklet prepared by the Federal Communications Commision:

"How to Identify and Resolve Radio-TV Interference Problems"

This booklet is available from the U.S. Government Printing Office, Washington, D.C., 20402, Stock No. 004-000-00345-4.

Bescheinigung des Herstellers /Importeurs

Hiermit wird bescheinigt, daß der/die/das

MUSIC CONDUCTOR DB-11

(Gerät, Typ. Bezeichnung)

in Übereinstimmung mit den Bestimmungen der

Vfg 1046 / 1984

(Amtsblattverfügung)

funk-entstört ist.

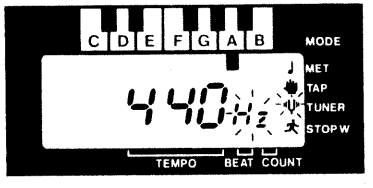
Der Deutschen Bundespost wurde das Inverkehrbringen dieses Gerätes angezeigt und die Berechtigung zur Überprüfung der Serie auf Einhaltung der Bestimmungen eingeräumt.

Roland Corporation

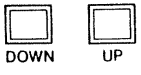
Name des Herstellers/Importeurs

Using the DB-11 as Tuner

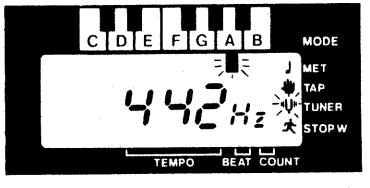
① Press the Mode Button intermittently until the Tuner indication; flashing "Ψ" is shown in the Display.



② Using the Up or Down button, set the Concert pitch (A=438 to 445Hz) you like.



③ Press the Select Button intermittently until the "■" mark under the Keyboard flashes.



④ Using the Up or Down button, select a note of the chromatic scale (12 notes C to B).

* To change the Chromatic pitches here, push the Select Button. The flashing "Hz" is shown in the Display allowing you to set a new note.

⑤ Push the Start/Stop Button, and the set note will sound from the speaker. Pushing the same button will stop the sound.

* Even after the DB-11 is switched off, the Concert pitch and Chromatic pitch you set last will remain.

To change the Concert Pitch or Chromatic scale while listening to the actual sound

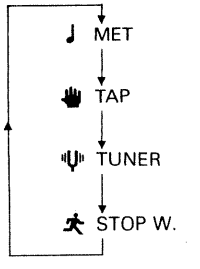
① By pushing the Select Button, make Concert or Chromatic pitch indication flash in the Display.

② Push the Start/Stop Button, and the corresponding pitch will be heard from the speaker.

③ Tap the Up or Down Button to the desired pitch.

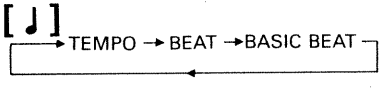
SELECTING A MODE

Mode Button

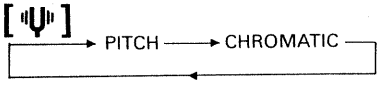


Select Button

[♩]



[Ψ]



[🏃]

You can stop timing.

OPERATION

Using the DB-11 as Metronome

① Turn power on.

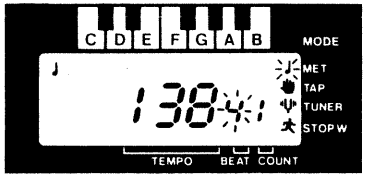
② To enter to the Metronome mode, press the Mode Button intermittently until the Display shows flashing " ♩ ".

③ By using the Up or Down Button, set the tempo you like between ♩ = 35 and 250.

* Pushing the Up Button advances a number, and the Down Button backs up a number.

* Holding either one of the buttons down while pushing the other button will quicken the change of the number.

④ Press the Select Button intermittently until the Display shows flashing Beat Number.



⑤ Set the Beat Number (1 to 6) you like by using the Up or Down Button.

⑥ Press the Select Button until the flashing Rhythm is shown in the Display.

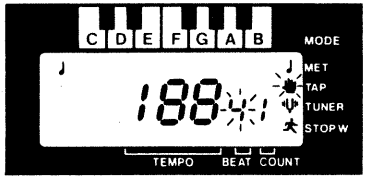
⑦ Select the Rhythm (♩, ♫, ♬ or ♬) you like by using the Up or Down Button.

⑧ Push the Start/Stop Button. The metronome will play from the first beat in the set Tempo, Beat and Rhythm. Pushing the same button will stop playing.

* The first beat number will sound at the higher pitch than the others.
When the ♫, ♬ or ♬ is selected, the first note of the first beat number will sound the highest and the other notes low. The first note of the succeeding beat numbers will sound at the medium pitch, and the other notes low.

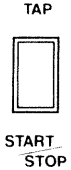
Tempo Setting in Real Time (Tap Mode)

① Press the Mode Button intermittently until the Display shows the Tap mode indication; flashing " ✋ " .



② Set the beat number (1 to 6) you like by using the Up or Down Button.

③ Tap the Tap (=Start/Stop) Button in the tempo you like.



* The average tempo of each tapping will be automatically worked out and shown in the Display.

④ At this stage, if you return to the Metronome mode, the DB-11 is ready to work as a metronome in the last tempo setting.

Error Indications in Tap Mode

When the tempo you set is faster than 250 the Display will show

H i - (High)

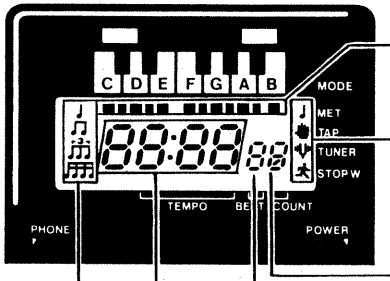
When the tempo you set is slower than 35, the Display will show

Lo - (Low)

* Even after the DB-11 is switched off, the last tempo setting will remain.

* If possible, select bigger beat number, for better tempo setting in the Tap mode

DISPLAY WINDOW



In the Tuner mode, this indicates the selected Note Name.

This indicates the selected Mode.

This counts the selected Beat Number in the Metronome/Tap mode.

This indicates the selected Beat in the Metronome/Tap mode.

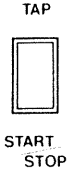
This indicates a different element depending on the mode currently in use.

This indicates the selected Rhythm.

Using the DB-11 as Stopwatch

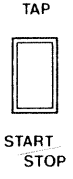
① Press the Mode Button intermittently until the Stopwatch indication "🏃" flashes.

② Push the Start/Stop Button, and the colon ":" will flash every second. Now, the DB-11 is ready for timing.



③ To stop timing, push the Start/Stop Button. The time shown in the Display also stops.

* As you repeat starting and stopping by pushing the Start/Stop Button, the Display will show the total time so far.



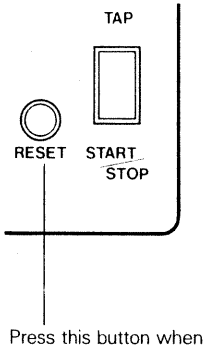
④ Pushing the Up or Down button will reset the Display to zero.

* The maximum time display is 59 minutes 59 seconds 99. If the time exceeds that, it will be automatically reset to zero, then continue.

* If you have not stopped timing at all (by pushing the Start/Stop Button) since you started timing, pushing the Up or Down Button has no effect for Display resetting.

* If you touch the Mode Button during timing, the timing will stop and the Stopwatch mode is chagned to other mode.

RESET BUTTON



Press this button when the Display Window responds wrongly. This will always return the display to the default value, for instance, " 120♩ " in the Metronome mode.

* The setting you have made before pressing this button will be erased and the default setting will return. That is, you need to make the settings again.

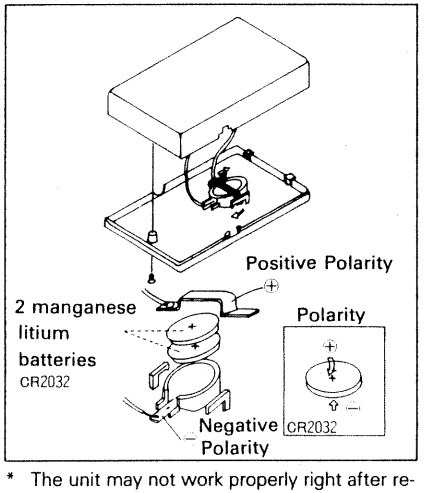
Battery Replacement

When the battery voltage drops, speaker output becomes low or the LED's light dimmer. To prevent this replace the battery.

Use two manganese lithium batteries CR2032 3V's.

① Loosen the screw on the bottom case, and remove the bottom case from the upper case.
② Press and rotate the battery holder a quarter circle in the direction shown by the arrows in the picture, and remove it from the battery box, then take the batteries out.
③ Replace with a new set of batteries in correct polarity. Then return the battery holder.
④ Attach the bottom case to the upper case without catching the leads and tighten the screw.

* Please do not touch the parts irrelevant to battery replacement.



* The unit may not work properly right after replacing the batteries. In such a case, try pushing the Reset Button on the panel.

IMPORTANT NOTES

Location
- Avoid using the DB-11 in excessive heat or humidity or where it may be affected by direct sunlight or dust.

Liquid Crystal Display
- View the Display from the proper angle.
- Please be careful not to damage the window.

Cleaning
- Use a soft cloth and clean only with a mild detergent. Do not use solvents such as painting thinner.

NOTE

When the unit is turned on immediately after turned off, the Display may not show anything at all. If this happens, turn the unit off, then turn it on again in a few seconds.

To avoid waste of batteries, be sure to turn the unit off when it is not in use.

Roland®

02459201

UPC 02459201

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