Main Features
- Large backlit LCD panel, with the backlight and highly visible pendant-style tempo indicator
- PC/Room sound plus internal drum sounds
- In addition to high-quality PCM sound, human voice and drawn sounds are also provided as metronome sounds.
- Nine Mixing function:
- Four different rhythms (quartet, shuffle, swing, and straight) and layers can be volume-adjusted, allowing you to create original rhythm styles quickly and easily.
- Three different effects (reverb, delay, and echo) are also available for further customization.
- Drum Sim.
- The DB-90 is equipped with an input jack, which allows you to connect your guitar or bass directly to the unit and play along with the metronome. Also featured is an amp simulator function, which allows you to use the DB-90 as a simple monitor amp.
- Includes Crochet Coach function.

Using the Metronome

Metrone Mode
1. Press [TEMPO].
   - The display now shows the number of times.
2. Press [BEAT/PATTERN].
   - Use the TEMPO/VALUE dial to set the tempo.
   - Use the TEMPO/VALUE dial to select the "BEAT" or "PATTERN" number.
   - "BEAT" is for putting in a single quarter-note beat (indicated with "YOD" while selecting the BEAT number). Setting permits you to choose one of four beats: "SIXTEENTH", "EIGHTH", "QUARTER", "HALF".
   - "PATTERN" drum sounds and performance data are fixed.
   - Select "PATTERN" type, then use the TEMPO/VALUE dial to set the difficulty of the difficulty.
4. Press [START/STOP] to start the metronome.
   - Use the TEMPO/VALUE dial to set the count-in repeat number.
   - Press the button to switch among the four practice modes.

Changing the Metronome Tone
You can select from four different tones (only when "BEAT" is selected).

Metrone Mode
1. Press [TEMPO].
2. Press [BEAT/PATTERN].
   - Use the TEMPO/VALUE dial to select the "BEAT" or "PATTERN" number.
3. Press [WRITE].
   - Setting the metronome tone is set to the tone set in step 2.


Making Connections

Using the Metronome

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Changing the Number of Times the Count-In is Played
When [BEAT/PATTERN] and [VOICE] are pressed simultaneously, the count-in repeat number is displayed.

Press [START/STOP] to select a number from 1 to 8.

Mute Function
You can temporarily mute sounds while in a performance setting.
1. Press [MIC].
   - "MUTE" appears in the display.
   - The sound is muted.

Using Loop Play (Loop Play Mode)
You can change metronome settings that are stored in memory automatically play back in sequence. (When using both various tempos and rhythm in different memories and then playing these back up, Loop Play is effective for rhythm training. You can also use it to practice irregular rhythm.
1. Press [LOOP].
   - The DB-90 is switched to Loop Play mode.
2. Press [START/STOP] to start the Loop Play.
   - Loop Play is played down in the DB-90 in Loop Play standby.

Changing the Number of Times Playback of the Memory is Repeated
Using TEMPO/VALUE dial while Loop Play is in standby the number of repetitions to any value within the range of 1 to 8.

Practicing in Coach Mode
The DB-90’s Coach mode is a set of metronome modes developed for maximizing the practice experience. These modes are specifically designed to help build speed, accuracy and stamina, as well as developing better timing skills.
1. In each of the four Coach modes, you can conduct practices appropriate for different skill levels. Using the practice mode, you can check your rhythm with acoustic drums, practice rhythms by tapping your hand, and so on.
You can also use this feature as a trigger pad to connect the trigger pad to the TRIG IN jack.

Setting the Mic and Trigger Pad Sensitivity
Setting the Sensitivity
1. Make sure nothing is plugged into the TRIG IN jack.
2. Press [TRIG/GUIDE] so that "SENS" is flashing.
3. Setting the Mic Sensitivity
   - 1. Press [MUTE].
      - The display now shows the number of times.
   - 2. Press [BEAT/PATTERN].
      - Use the TEMPO/VALUE dial to select the "BEAT" or "PATTERN" number.
   - 3. Press [WRITE].
      - Setting the metronome tone is set to the tone set in step 2.

Original Rhythm Styles
In Metronome mode, you can select from the five rhythms included in the display (ACCENT and ).
When using the 5 sliders under the display (ACCENT and ), you can change the way the metronome sounds.

Count-In Function
You can set the metronome to give a lead-in count before the metronome count itself starts.

1. Press [TEMPO].
3. Press [WRITE].
   - Count-In function is activated.

Changing the Number of Times the Count-In is Played
When [BEAT/PATTERN] and [VOICE] are pressed simultaneously, the count-in repeat number is displayed.

Press [START/STOP] to select a number from 1 to 8.

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3. Press [WRITE].
   - Count-In function is activated.
Using the Memory
You can store up to fifty different metronome settings and ten different reference tone settings configure the settings as follows:

**Calling Up Stored Settings (Memory)**

1. When "MEMORY" is lit, press [MEMORY] to select "MEMORY" flashing.
2. While "MEMORY" is flashing, press the metronome number with the TEMPO/DIST.

• Pressing [START/STOP] cancel the procedure, and the metronome number remains.

**Storing Settings to Memory**

1. When the memory number is lit, press [WRITE].

• While the memory number is flashing, select the set-destination memory number with the TEMPO/DIST.

• Pressing [START/STOP] cancels the procedure, and the memory number remains.

2. While the memory number is flashing, select the set-destination memory number with the TEMPO/DIST.

3. When the memory number is lit, press [WRITE].

• Once the memory number is lit, you'll know that the data has been successfully stored in memory.

**Changing the Minimum Value**

- Changing the minimum value resets the maximum value to the initial setting (250).
- The minimum metronome value is set according to the tempo set with the TEMPO/VALUE dial or tap input.

2. Changing the Time Check Standard

- The DB-90 starts, stops, and displays the tempo in electronic click sound, Voice 1 (Standard metronome sound), Voice 2 (Human voice), and Voice 3 (Beep).

3. Rhythm Coach

- In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

- In order to calibrate the unit to your specific needs, you should use"Zero Calibration" settings to perform an initial calibration.

**Changing the Battery**

- The display and LED indicators dim when the battery begins to run down.

- The battery must be replaced when the Auto Backlight Off function is enabled again the next time the DB-90 is turned on again.

- The display and LED indicators do not work correctly when the battery begins to run down.

- The DB-90 is equipped with a built-in lithium battery which is not user replaceable.

**Restoring the Factory Settings**

- The battery will be charged to the factory settings when the unit is turned on for the first time.

- The factory settings are automatically restored each time the unit is turned on.

**Specific Functions**

1. Time Check

2. Accuracy and Timing Error

3. Gradual Up/Down

4. 4-step Up/Down

**Using MIDI (MIDI Mode)**

MIDI (Musical Instrument Digital Interface) is a universal standard for controlling and transmitting standard musical information. MIDI cables are used to connect together devices equipped with MIDI connection, such as the DB-90, and allow the transmission of performance and other information among electronic musical instruments and computers equipment. MIDI cables can be used to control connected devices equipped with MIDI connection, such as the DB-90, and allow the transmission of information.

**Data Synchronized with the DB-90**

The following MIDI messages are handled during synchronization with the DB-90:

- **Song**
- **Continue**
- **Timing Clock**
- **Start**
- **Stop**
- **Status**

**Other Functions**

**Switching the Metronome On/Off**

1. Press [MUTE] to turn the metronome on and off.

2. The metronome sound is a high-pitched sound that the metronome may not sound correctly when the tempo is set to 250 or below.

3. In MIDI mode, you cannot select from memory during performance.

**How to Use the Stand**

- You can set the DB-90 to the stand by setting it as shown in the figure.

**Restoring the Factory Settings**

- The factory settings are automatically restored each time the unit is turned on.

**Specifics**

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