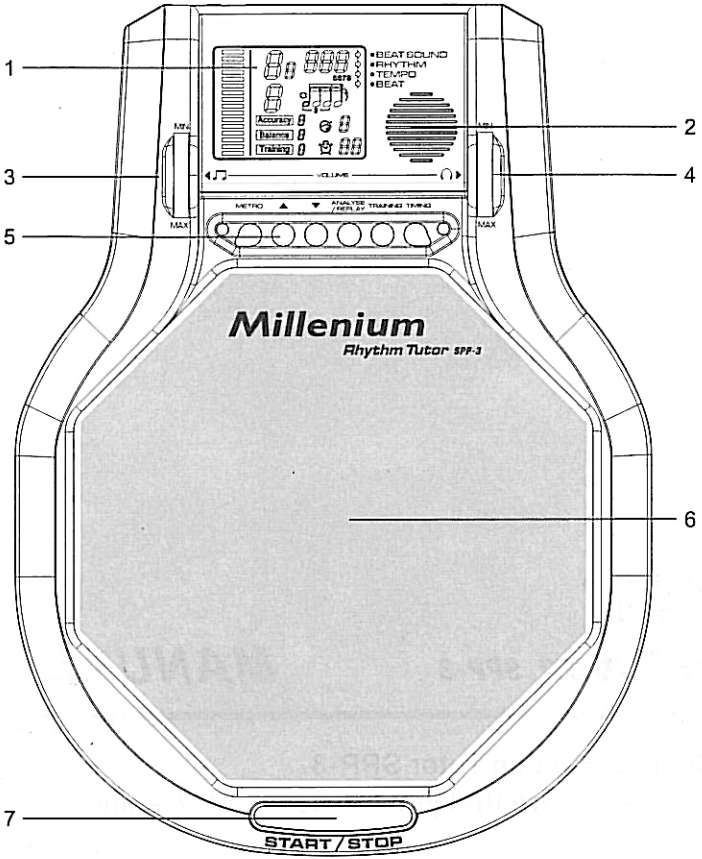
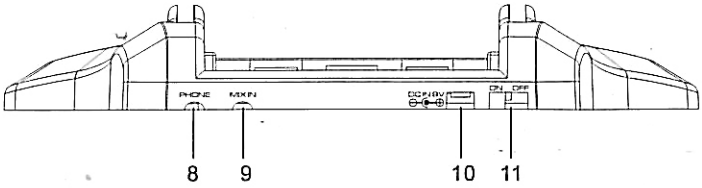
Millenium

Rhythm Tutor SPP-3 MANUAL

Congratulations on purchasing Millenium Rhythm Tutor SPP-3.
Please read this manual carefully to make sure that you are using it correctly.

Appearance and operation description





1. LCD display
2. Speaker
   Note: The speaker only outputs metronome's beep sound, no sound output when the earphone is connected.
3. Metronome's beep sound volume knob
4. Earphone volume knob
5. Keystrokes area
6. Practice area
7. Start/stop
8. Output jack
   For earphone, amp or audio system
   Note: output sounds include metronome's beep and mimic snare sounds.
9. Mix input jack
10. 9V DC input jack
11. Power on/off

Function

SPP-3 utilize power adaptor that is type of DC 9V 1000mA or Battery to run its function. It contains the mix input jack as well as earphone output jack. It is easy to operate. Its adequate interacting function and outstanding mimic snare effects will bring you a brand-new experience. The main functions show as following:

1.Multiple metronome's beep sounds including Cowbell, Block, Triangle and Human voice, and produce mimic snare sound while practicing;
2.Tempo:30-250bpm;
3.Beat: 0,1,2,3,4,5,6,7,8,9
4.Multiple Rhythms: 𝅝 — 𝅗𝅥 — ♩ — 𝅘𝅥𝅯𝅘𝅥𝅯 — 𝅘𝅥𝅰𝅘𝅥𝅰𝅘𝅥𝅰 — 𝅘𝅥𝅯𝅘𝅥𝅯𝅘𝅥𝅯𝅘𝅥𝅯 — 𝅘𝅥𝅯𝅘𝅥𝅰𝅘𝅥𝅯 — 𝅘𝅥𝅰𝅘𝅥𝅯𝅘𝅥𝅯 — 𝅘𝅥𝅯𝅘𝅥𝅯𝅘𝅥𝅰𝅘𝅥𝅯 — 𝅘𝅥𝅯𝅘𝅥𝅰𝅘𝅥𝅰𝅘𝅥𝅯 — 𝅘𝅥𝅰𝅘𝅥𝅯𝅘𝅥𝅰𝅘𝅥𝅯 — 𝅘𝅥𝅯𝅘𝅥𝅰𝅘𝅥𝅰𝅘𝅥𝅰𝅘𝅥𝅯 — 𝅘𝅥𝅰𝅘𝅥𝅯𝅘𝅥𝅰𝅘𝅥𝅰 — 𝅘𝅥𝅯𝅘𝅥𝅰𝅘𝅥𝅯𝅘𝅥𝅰 — 𝅘𝅥𝅰𝅘𝅥𝅰𝅘𝅥𝅯𝅘𝅥𝅰 — 𝅘𝅥𝅰𝅘𝅥𝅰𝅘𝅥𝅰𝅘𝅥𝅰
5.Metronome's beep sound volume and earphone volume work separately;
6.LED lights: left and right light indicate corresponding hand stroke respectively. Both can show two clours: red and green.The accent beat is showned by red LED while the other beat is via green;
7. Multiple functions: Analyse the accuracy and balance; Count within 15 seconds ; Test tempo under different Rhythm;
8. Various practice patterns: Tempo-shift, Pause, Variation, Accent-shift, Paradiddles, and Memory;
9. Timer function: 0-90 minutes.

Keys, Knobs and Switches

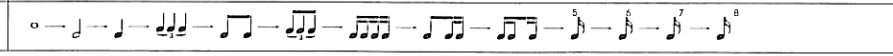
1."Metro" knob: it is for Parameters, such as beat counts, metronome's beep sound, tempo and rhythm;
2."▲": Press it to choose the different parameter in the order of increasing; under Timer Mode, press it will go up for time setting; tempo setting and timer setting are working when pressing it continuously;
3. "▼" : Similar function with "▲" in opposit direction;
4. Analyse/Replay: Under non-memory mode,it tests accuracy and balance; counts within 15 seconds and tests tempo under different rhythm; it works to play the record under the memory mode;
5. Training: offer 8 different practice modes and press it for one second to exit;
6. Timing: Timer control;
7. Start/Stop: Metronome on/off;

Modes

1. Normal mode:

When switch on SPP-3, it automatically goes into normal mode. Press "Metro" key, " ➡ " will appear on the right side of the LCD and the parameter pointed via "➡ " can be regulated; you can choose the parameters via pressing: " ▲ ▼ " and start/stop knob to control the metronome ; if pressing "▲" or "▼"over

one second under tempo setting, the rate of tempo will get faster. The parameters adjustable are below:

Parameters names	Range
Beat	Beat 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
Beat sounds	Metronome's beep sound 0(no voice) ;1(Cowbell);2(Chinese Block);3(Triangle);4(Human Voice)
Tempo	30～250bpm
Rhythm	

2.Test Mode:

Press Analyse/Replay key, there are four types in total:

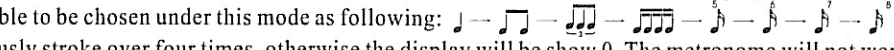
1.Accuracy: It only works under metronome mode. SPP-3 will help you analyse the deviation if there is different between your strokes with metronome beat tempo. It demonstrates in the form of class ranking and fast and slow reminder. For example, 1 is the most accurate and 8 is the least accurate; the displaying of "A" is to tell you too fast and "B" is too slow. There will be no demonstration if over 8. Under this function, the way of regulating parameters is the same to Normal mode;

2.Balance: under this function, it compares and analyses the differences when stroke twice continuously and it would rank the differences in various classes;

Note: in order to obtain the accurate testing result, please stroke the specifying area showed in the Part 6.

3.Counting within 15 seconds:SPP-3 automatically counts for you after first stroke, and the stroke numbers will be showed on the right side of LCD screen. After 15 seconds, it will stop automatically and show the accumulated numbers within 15 seconds. It can restart via pressing "Start/Stop";

Note: Under this function, the metronome would not work and all parameter can not be regulated.
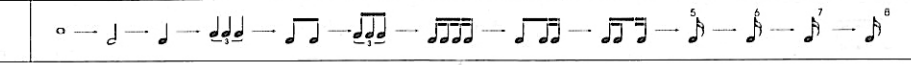
4.Tempo test: SPP-3 tests your tempo according to the Rhythm type you choose and the result will be displayed on the LCD screen. Press "Start/Stop" to restart. Only Rhythm is able to be chosen under this mode as following: 

Note: You have to continuously stroke over four times, otherwise the display will be show 0. The metronome will not work under this function.

3.Training mode
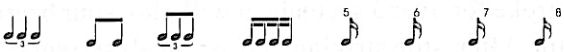
Press "Training" key to choose training mode, including: Tempo-Alter, Pause, Variation, Accent-Shift, Paradiddles and Memory. Detailed description shows as following:

●Tempo-Shift mode: when starting metronome, 4 beats is default as one section. The tempo goes up upon each section changes.After reaching the target, it returns the initial tempo and continues at the same way. Both "Training 1" and "Training 2" belong to this mode. Under "Training 1", the rate of tempo is 1bmp per section; under "Training 2", the rate of tempo is 2bmp per section. The adjustable parameters show as below:

Parameters names	Range
Beat	Beat0，1，2，3，4，5，6，7，8，9
Beat sounds	Metronome's beep sound 0(no voice);1(Cowbell);2(Chinese Block);3(Triangle);4(Human Voice)
Tempo	Tempo 30～250bmp (Default 80bmp)
Rhythm	

Note: the initial tempo is not able to regulate under this mode. When " ➡" points "Tempo" means regulating Target Tempo.

- Pause mode: Start the metronome, 8 beats is default as one section. After passing each section, the metronome's beep sound will replay after one section pausing, and it repeats at the same way. Both of "Training 3" and "Training 4" belong to this mode. "Training 3" pause one section each time and "Training 4" pause two sections each time. The metronome parameter is the same as Normal Mode.
- Variation: "Training 5" will play this function ; Set " ♩ " the start, and the ""end, when you start the metronome, SPP-3 changes the rhythm type per four sections (default 4 bets as one section). When reaching the target, it will repeat in the same way.

Parameters names	Range
Beat	Beat0，1，2，3，4，5，6，7，8，9
Beat sounds	Metronome's beep sound 0(no voice);1(Cowbell);2(Chinese Block);3(Triangle);4(Human Voice)
Tempo	30～250bpm
Rhythm	

Note: When " ➡ " points "Tempo" means regulating Target Tempo under this mode.

- Accent-shift mode: "Training 6" plays this function. The accent will shift once per one section (default 4 beats as one section).

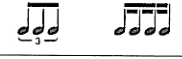
Triplet: 

Quadruplet: 

With parameters bellow:

Parameters names	Range
Beat	Beat 0, 1, 2, 3, 4, 5, 6, 7, 8, 9
Beat sounds	Metronome's beep sound 0(no voice);1(Cowbell);2(Chinese Block);3(Triangle);4(Human Voice)
Tempo	30 ~ 250bpm
Target rhythm	

●Paradiddles mode: Training 7 plays this function;Set 4 beats per section,under Rhythm"",the LED will shift: RLR,RLR,LLR,LRR,LRL,LRL ,RRL, RLL; while under "", the LED will move RLRR, LRLL, RLRR, LRLL, The parameters below:

Parameters names	Range
Beat sounds	Metronome's beep sound 0(no voice);1(Cowbell);2(Chinese Block);3(Triangle);4(Human Voice)
Tempo	30 ~ 250bpm
Target rhythm	

Note: Under this mode, metronome does not work.

●Memory mode: " Training 8 " plays this function ; it can record up to 800 times stroke. Under this mode, it will automatically enter this memory mode. If you stop stroke for over 3 seconds, it will play your beating sound itself. When the play finishing, it goes to the memory record again. After stop striking, press "analyse/replay" can replay the record again and again. Under this mode, the metronome function is as same as normal mode.

Note: while playing the record, if you press "Analyse/Replay" key, it will enter the stroke and memory mode.The new record will replace the old ones.

4.Timer Mode:

Press"Timing", the sign of " 88 " will flash; choose the period of timer via pressing " ▲▼ " and the rate of changing get faster if press continuously; after finishing selecting, press any key other than "▲" or "▼", if your target time is 0, it

exits immediately, otherwise, it enters the timer mode and SPP-3 starts count down. When it ends till zero, SPP-3 would beep and exit from the present mode, and it can be end anytime via pressing "Timing"key.
Note: This mode work under any others.

Specification

1. Power: 9V Battery and Optional Power Adaptor 9V DC, >500mA
2. Dimension: 308X230X52mm
3. Weight: 0.9kg (Battery included)

Accessories

1.ACD-007 Power Adaptor
2.Operation Manual

Rhythm Tutor SPP-3

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