JOYO

JMT-550
METRO-TUNER
with built-in Amplifier and Drumbeats
User's Manual

I. WARNING

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
Please connect the designated AC adapter to an AC outlet of the correct voltage. Do not connect it to an AC outlet of voltage other than that for which your unit is intended.

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. If something does slip into the equipment, unplug the AC adapter from the wall outlet and plug out the battery inside the machine. Then contact your nearest dealer or the store where the equipment was purchased.
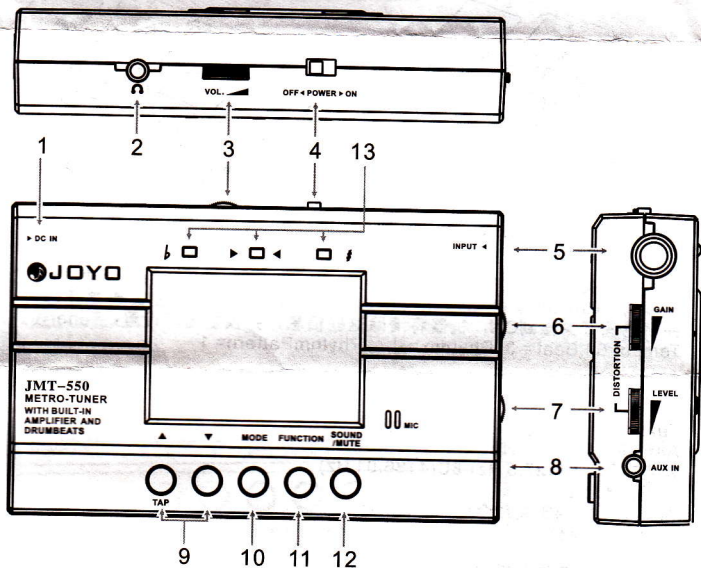
Regarding disposal
Do not dispose of this product along with your household trash. By disposing of this product correctly, you can avoid environmental harm or health risk. The correct method of disposal will depend on your locality, so please contact the appropriate local authorities for details.

Important notice to customers
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.

1.DIRECT CURRENT IN : Please use 9V direct current power supply. ⊕◖⊖

2.EARPHONE HOLE: with duplex sound track ∮ 3.5 standard earphone plug, when you plug in the earphone, the build-in speaker would automatically cutoff and all output directly out from the earphone.

3.VOLUME: to control the volume.

4.POWER ON/OFF: turn left to power off, turn right to starting up.

5.INPUT: use audio cable to connect guitar or other equipment.

6.GAIN: to control distortion degree.

7.LEVEL: to adjust guitar input volume.

8.AUXIN: to connect MP3 and other audio device.

9.UP&DOWN BUTTON: to adjust value of the selected item.

10.MODE:
  Switch between Tuner/Metronome/RhythmPlay

11.FUNCTION:
●Under Tuner Mode
  Press FUNCTION to switch between A4 frequency and Flat   the FUNCTION button won't work under SOUND mode
●Under Metronome Mode
  Press FUNCTION to switch between Tempo/Beat/ Rhythm/Tap.
●Under RhythmPlay Mode
  Press FUNCTION to switch between Tempo and RhythmPattern.

12.SOUND/MUTE:
●Under Tuner Mode
  After pressing SOUND/MUTE, the screen should display "note A" or other note, at the same time, the speaker would produce piano sounds of current note. UP/DOWN button is used to select note (the FUNCTION button won't work under SOUND mode). Press the SOUND/MUTE again to return to the tuner mode.
●Under Metronome Mode
  Switch between sound and mute.
●Under RhythmPlay Mode
  Switch between sound and mute.

13.INDICATOR LED:
●Under Tuner Mode
  Accuracy indicator LED: the middle green light indicates that the tone is in tune; the left red light indicates that the tone is flat; the right red light indicates that the tone is sharp.
●Under Metronome Mode
  The right red light means strong beats; the middle green light means weak beats; the left red light means rhythm.
●Under RhythmPlay Mode
  The left and right lights both on means that the rhythm starts; alternative lighting means beating.

III. OPERATING METHOD

【Tuner】

Start the unit by turning on the power switch ON.
Press MODE several times to switch to Tuner mode, and connect the instrument's output end with the IMPUT jack. The FUNCTION button, combining with UP/DOWN button, is used for A4 frequency adjustment or flat selection if needed. You can also use the build-in MIC to tune acoustic guitar or other similar instruments.

● A4 Frequency Adjustment
  Press FUNCTION button several times until the screen shows "A4=", then adjust the A4 frequency with the UP/DOWN button.

● Flat Mode Adjustment
  Press FUNCTION button several times until the screen shows "Flat=", then press UP/DOWN button to choose flat.

  ★Tuning is based on the displayed note and pointer's location, or the indicator LED: make a single-tone, tune your instrument according to the note name, then adjust the cent. If the pointer goes left and the left red led lights, the tone is flat; if the pointer goes right and the right red led lights, the tone is sharp; if the pointer stays in the middle and the middle green led lights, the tone is in tune.

● Use the build-in piano sound as standard pronunciation
  Under tuner mode, SOUND/MUTE would lead you to various notes and standard pronunciation, press UP/DOWN button to make a selection between those notes. Your tuning is based on the standard pronunciation of notes.

【Metronome 】

Start the unit by turning on the power switch ON.
Press MODE several times to switch to Metronome mode, use FUNCTION and UP/DOWN buttons to adjust Tempo, Beat, Rhythm, and Tap according to your needs. SOUND/MUTE is used for switch over sound/mute mode.

● Tempo Adjustment
  Press FUNCTION button several times until the screen shows "Tempo", then adjust tempo with the UP/DOWN button.

● Beat Adjustment
  Press FUNCTION button several times until the screen shows "Beat", then adjust beat with the UP/DOWN button.

● Rhythm Adjustment
  Press FUNCTION button several times until the screen shows "Rhythm", then adjust rhythm with the UP/DOWN button.

● Function of Tap
  Press FUNCTION button several times until the screen shows "Tap"; then press UP button to start the Tap function. You need to press the UP button again to choose speed value- the beats per minute, which depends on the last two pressing. The screen shows 208 and 40 even though the actual speed value is higher or lower than these numbers. You have to restart the Tap function if you fail to press the UP again within 2 seconds.

【RhythmPlay】

Start the unit by turning on the power switch ON.
Press MODE several times to switch to RhythmPlay mode, use FUNCTION and UP/DOWN buttons to adjust RhythmPattern and Tempo according to your needs. SOUND/MUTE is used for switch over sound/mute mode.

● RhythmPattern Adjustment
  Press FUNCTION button several times until the screen shows "RhythmPattern", then adjust rhythm pattern with the UP/DOWN button.

● Tempo Adjustment
  Press FUNCTION button several times until the screen shows "Tempo", then adjust tempo with the UP/DOWN button.
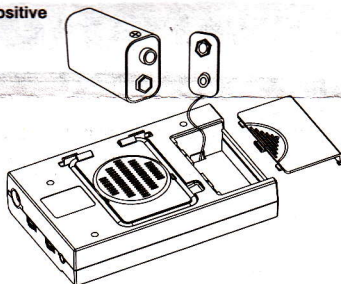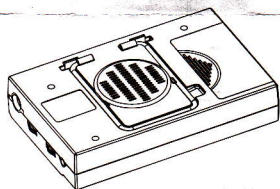
IV．BATTERY INSTALLATION

Please replace the battery under such circumstances: the unit displays dimly or doesn't work normally; or the sound quality deteriorates; or the screen shows a blinking empty battery signal ▯ .

Battery installation method:
1. Turn the power OFF.
2. Pull the top-end of the battery cover and remove it.
3. Install the new battery, and ensure correct positive and negative placement
4. Close the battery cover.
★Please power off when the unit is not in use.

V．RESTORE FACTORY SETTINGS

The unit would automatically save the last settings including Tuner/Metronome/RhythmPlay mode; Tempo, Beat, Rhythm and RhythmPattern. Press UP/DOWN button when starting up will clear those information and restore the factory settings: Tuner mode,Tempo=80,Beat = 3, Rhythm =♩, RhythmPattern= 1.

VI．SPECIFICATIONS

Tuner
A4 Frequency：410-450 Hz
Tuning Range：0A(27.5 Hz)-8C(4186.01 Hz)
Flat：None/b/bb
Model Sound：4C-4B
Accuracy：±1cent

Metronome
Tempo：40-208 beats/min
Beats：0-9
Rhythm：♩♪ ♫ ♬ ♪♫ ♪♩♫ ♫ ♬

RhythmPlay
Tempo: 40-208 beats/min
RhythmPattern:1-40

1	Rock1	11	Ballad1	21	RockBilly	31	Blue Grass 1
2	Rock2	12	Ballad2	22	RockBoogie	32	Blue Grass 2
3	Rock3	13	Dance1	23	RockChaCha	33	Blue Grass 3
4	Rock4	14	Dance2	24	Club Pop	34	Pop Waltz
5	Meta11	15	Dance3	25	Beat Soul	35	Hully Gully
6	Meta12	16	Blues	26	60's Soul	36	Limbo Rock
7	Meta13	17	Fusion	27	Funk	37	Cha Cha
8	Meta14	18	Country	28	16 Beat Shuffle	38	Viennese Waltz
9	POP1	19	Rockabily	29	FunkShuffl	39	Guad Dance
10	POP2	20	Disco	30	FusionShuffl	40	Slow Rock

INPUT: INPUT. MIC. AUXIN
OUTPUT: Build-in Speaker. Earphone
Power: 9V(DC9V ⊕─◉─⊖)
Dimension:118(L)×25(W)×74(H)mm
Weight: 110g

VII．ACCESSORIES

A. Manual　　B. 6F22 9V Battery *1