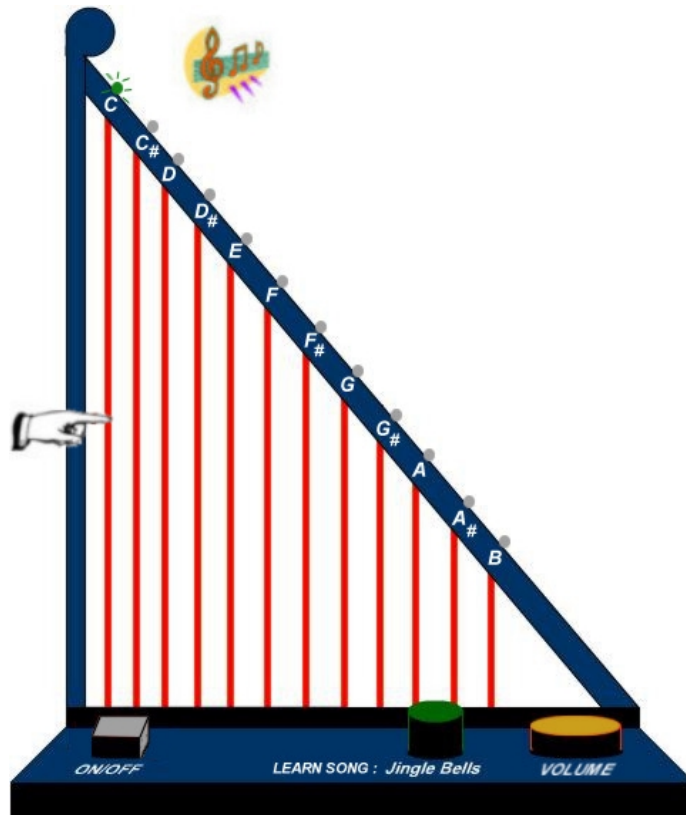


LASER HARP™



User Manual

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Laser Harp – General Overview

Congratulations on your acquisition of the Laser Harp !

The Laser Harp is a musical toy, intended for kids of ages 6-14, as well as for the Big Kid in You™, and suitable for beginner music enthusiasts and experts alike !

- You have no musical background ? No worries! The Laser Harp's functionality includes a learning mode, which will guide you 'note by note' through a simple song, giving you the opportunity to repeat and practice until you learn !
- You know the notes and you can tell 'sharps' from 'flats' ? The Laser Harp lets you play your favourite tunes, while combining the flexibility of a harp-like modern musical instrument with the originality of a unique interface. Simply turn on your harp and pluck away !
- You feel constrained by the classical instruments, because they require specific finger or whistling skills? Unleash your creativity with the Laser Harp, which notes can be activated by any means of blocking the laser rays: fingers, entire hand, elbow, feet, some thick sticks, virtually Any Shading Under the Sun™!

Enjoy the amazing Laser Harp!

– Your friendly Laser Harp developers ☺

Using the Harp for the First Time

Turn ON the harp by pressing the ON/OFF button located on the left of the harp panel (*labeled 1 in figure below*).

The 12 red-coloured laser strings beaming downwards will light up immediately once the harp has been turned on. Each string corresponds to a music note, starting with C, on the left end and covering an octave, all the way to B, on the right end.

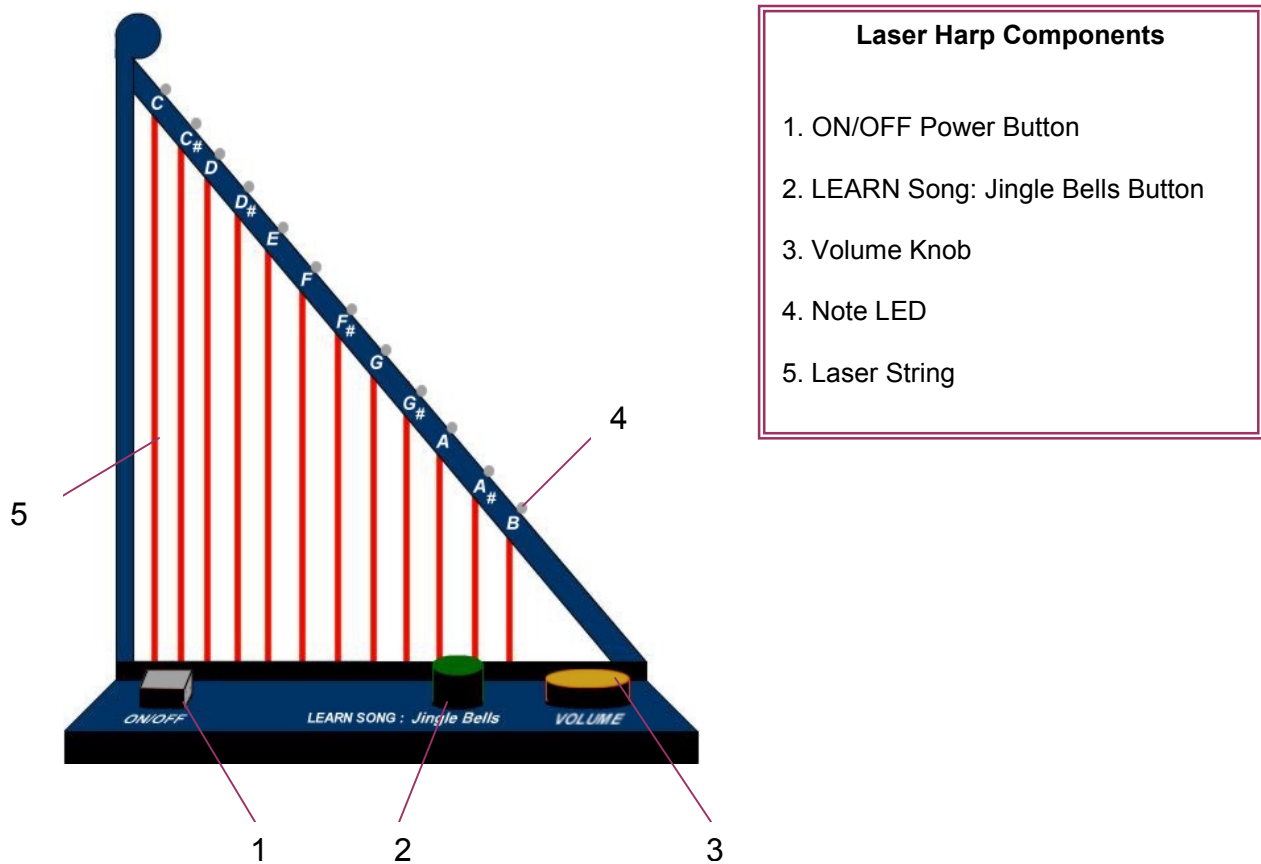


FIG.1 LASER HARP COMPONENTS

Now, you can either play directly in FREE MODE – details on next page – by blocking the laser rays with your hand, or try the LEARN MODE, described later on.

You can adjust the volume to suit your preference with the volume knob, labeled 3 in the Fig. 1 above.

You can turn the harp off by de-pressing the ON/OFF button. The harp will otherwise turn itself off after 5 minutes of not being used, to preserve the lasers. If so, you will need to press the power button twice (to OFF, and back to ON) to turn it back on.

Playing in FREE Mode

Start playing by 'touching' a laser beam. You can do so with your fingers, the entire hand, or maybe your feet or some toy. You are free to use Any Shading Under the Sun™! Really: anything works as long as it blocks the laser beam from hitting the sensor on the bottom!

WARNING: To avoid direct eye contact with the lasers, do NOT use a mirror!
Do NOT try to play directly with your head !

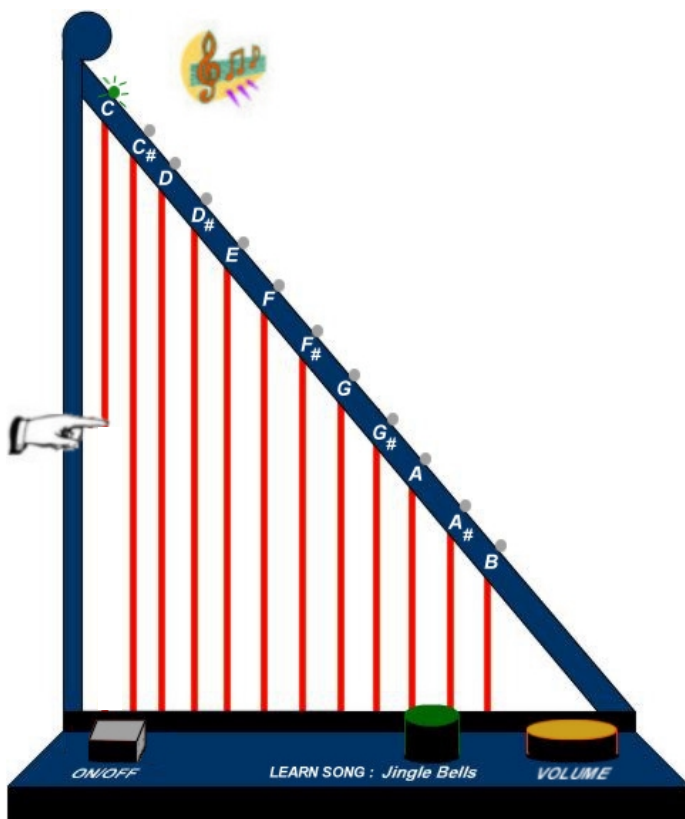


FIG. 2 PLAYING THE HARP IN FREE MODE

Playing in LEARN Mode

1. Press the “Learn song: Jingle Bells” button: the associated LED will light up, indicating proper functionality. The Harp will also say:

🎵 *“Let’s learn to play Jingle Bells. Watch me play first and then try to repeat after me.”*

2. The harp starts playing a block of notes of Jingle Bells, by turning off the corresponding strings, in the appropriate sequence.



FIG. 3 HARP DEMO IN LEARN MODE

3. The harp tells you to repeat the sequence that has just been played:

🎵 *“Now, you try it !”*

4. If you play the wrong note, the harp will let you know:

🎵 *“Please try this note again”*

and then play the right note for you, after which you have the opportunity to repeat it and continue from there on.

5. If you play the wrong note two consecutive times, the harp will let you know and it will play the whole song again for you.

6. If you complete the song correctly the harp will let you know:

🎵 *“That was great! You now know how to play Jingle Bells.”*

Note: *At any time during LEARN mode, the user may switch back to FREE mode by toggling the LEARN mode button to off.*

Troubleshooting

- A. Power is ON, but no sound is heard in either mode: Check the setting of the Volume knob.
- B. ON/OFF button is pressed but there is no power: try replacing the batteries.
- C. Power is ON, nobody is playing, but one or more LEDs are OFF, or some lasers do not illuminate the bottom sensors: something is probably broken, return to retailer.

Safety Hazards

Laser Radiation:

- **Avoid Direct Eye Exposure !**
- **Do not attempt to play the harp by blocking the laser beams directly with your head!**
- **Do NOT use a mirror to play the Laser Harp**