TENORI-ON is a musical interface for the twenty-first century, featuring a matrix of 16 x 16 LED buttons that allow the performer to compose and perform music intuitively and visually. With the expandability offered by MIDI and sampled sounds, TENORI-ON brings a new musical dimension to live performance, studio work, and to artists' ability to sketch musical ideas.
The TNR-W (TENORI-ON White LED) is equipped with white-emitting LEDs on both sides, making it perfect for performing in front of an audience in a live setting. This model features a strong, solid magnesium frame.

The TNR-O (TENORI-ON Orange LED) features orange LEDs on a single side, allowing you to enjoy performing in the relaxed atmosphere of your own home or music studio. The frame is made of flawless lightweight white plastic.

<table>
<thead>
<tr>
<th>TNR-W</th>
<th>TNR-O</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Model</td>
</tr>
<tr>
<td>Magnesium</td>
<td>Plastic</td>
</tr>
<tr>
<td>White</td>
<td>Orange</td>
</tr>
<tr>
<td>LED (no switch function)</td>
<td>No LEDs</td>
</tr>
<tr>
<td>AC adaptor / 6 “AA” batteries</td>
<td>AC adaptor</td>
</tr>
<tr>
<td>Approx. 700g (1 lbs. 9 oz.) (without batteries)</td>
<td>Approx 610g (Approx 1 lbs. 5 1/2 oz.)</td>
</tr>
</tbody>
</table>
For the Menu and Adjusting Parameters

Jog Dial

DC IN Connector

STANDBY/ON Switch

MIDI Connector (Mini DIN)
Synchronizing with Other TENORI-ON or Connecting to a Computer and etc.

LED Emitting on the Backside (TNR-W only)

[OK] Button

[CANCEL] Button

Headphone Connector (Stereo Mini Phone)

Battery Compartment Covers (TNR-W only)

The “L” Function Buttons

[L1] Button
Changing Voice

[L2] Button
Changing Note Length

[L3] Button
Changing Octaves

[L4] Button
Changing Loop Points

[L5] Button
Changing Loop Speed

The “R” Function Buttons

[R1] Button
Switching Layers

[R2] Button
Changing Tempo

[R3] Button
Transposition

[R4] Button
Changing the Layer Volume

[R5] Button
Switching Blocks

LED

[CLEAR] Button

SD Memory Card Slot
For Recording Songs, Loading Sampling Voices and etc.

Speaker

[LED Buttons]

The “L” Function Buttons

[LED Buttons]

The “R” Function Buttons

Approx. 700g (1 lbs. 9 oz.)

Battery Compartment
Covers

The “L” Function Buttons

[L1] Button
Changing Voice

[L2] Button
Changing Note Length

[L3] Button
Changing Octaves

[L4] Button
Changing Loop Points

[L5] Button
Changing Loop Speed

The “R” Function Buttons

[R1] Button
Switching Layers

[R2] Button
Changing Tempo

[R3] Button
Transposition

[R4] Button
Changing the Layer Volume

[R5] Button
Switching Blocks

Battery Compartment
Covers
(TNR-W only)

Headphone Connector
(Stereo Mini Phone)

MIDI Connector (Mini DIN)
Synchronizing with Other TENORI-ON or Connecting to a Computer and etc.

STANDBY/ON Switch

DC IN Connector

Jog Dial
For the Menu and Adjusting Parameters

DC IN Connector
**TENORI-ON "Modes"**
The TENORI-ON provides six different performances and sound/light modes for broad performance versatility.

---

**SCORE MODE**
Make a basic loop
You can make active notes that will play repeatedly.

---

**BOUNCE MODE**
Make a loop by bouncing
The light will "drop" from that button, bounce back from the bottom of the matrix, and repeat.

---

**RANDOM MODE**
Make a figure loop
You can make the lights will "travel" from note to note, in the order entered, and the active notes will sound when the traveling light passes over them.

---

**PUSH MODE**
Generate a continuous sound
The sound will begin to change gradually while the flashing surrounding that button gets brighter and wider.

---

**DRAW MODE**
Repeat just what you played
You can press individual LED buttons or draw lines or curves on the matrix, and those actions will be played back and repeated.

---

**SOLO MODE**
Play the solo performance
The sound will repeat until the button is released. You can change the interval between repeats.

---

**Layers**
TENORI-ON layers can be thought of as performance parts or recording tracks. The TENORI-ON has a total of 16 layers. Separate notes and voices can be assigned to each layer, and all layers can be played together in synchronization. The 16 layers are divided into six performance mode groups as shown in the illustration below.

**Layers**

- Score Mode
- Random Mode
- Draw Mode
- Bounce Mode
- Push Mode
- Solo Mode

TENORI-ON has more functions. For the details, please visit the TENORI-ON web page. [http://www.global.yamaha.com/tenori-on](http://www.global.yamaha.com/tenori-on)
● Sequencer
Note Resolution        J = 96 clocks
Gate Time              10 ms ~ 9990 ms
Octaves                -5 ~ +5
Tempo (BPM)            40 ~ 240
Scales                 9 types
Transpose              -7 ~ +8
Performance Modes      6 types: Score, Random, Draw, Bounce, Push, Solo
Other Functions        Clock, power-save, synchronized performance with two TENORI-ON instruments, recording, TENORI-ON song playback
Maximum Active Notes   Push Mode: 64, Random Mode: 64 points, Draw Mode: 64 points

● Controller & Display
LED Buttons            256
Rear LED Display Points (TNR-W) 256 (No function)
Function Buttons       10 (L1 ~ L5, R1 ~ R5)
CLEAR, OK, CANCEL Buttons 1 each
Jog Dial
Display                122 x 32 dot graphic LCD device,
                        20 characters x 4 lines, monochrome

● Sound
Stereo Speakers        1-watt output power

● Connectors
Line Out/Phones        Stereo mini phone jack x 1
Mini DIN               MIDI IN: For synchronized performance using external MIDI devices,
                        MIDI OUT: for external device control
Card Slot              SD Memory Card compatible
DC In                  Connector for PA-3C, PA-130 or equivalent Yamaha AC adaptor

● Power Supply
6 "AA" alkaline batteries (TNR-W only)
AC Adaptor             PA-3C, PA-130 or equivalent Yamaha AC adaptor

● Dimensions & Weight
Dimensions              205 x 205 x 32 mm
                        (8-1/16" x 8-1/16" x 1-1/4")
Weight (TNR-W)          Approx. 700g (1 lbs. 9 oz.)
                        (without batteries)
Weight (TNR-O)          Approx 610g (Approx 1 lbs. 5 1/2 oz.)

● Card
Save                    Song, Block, Layer, Setting, Sampling
Load                    Song, Block, Layer, Setting, Sampling
Rename                  Song, Block, Layer, Setting, Sampling
Delete                  Song, Block, Layer, Setting, Sampling
Format

Yamaha Corp. reserves the right to change or modify products or specifications at any time without prior notice.
Since specifications, equipment or options may not be the same in every locale.
The colors shown in this catalog may appear slightly different than those on the actual products.

http://www.global.yamaha.com/tenori-on

Yamaha Corporation

Printed in Japan